Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS PD	NEW ROADS DD	NEW ROADS OTHER	NEW ROADS EX	NEW ROADS TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required[2,3] (Y/N)
R1361	1	6.1	Tai Tau Leng	67.0	67.5	53.9	0	55.5	39.3	0	67.7	0	67.9	68.1	70	N	0.6	N	N	14.2	Y	N
R1361	2	9.1	Tai Tau Leng	68.2	68.9	55.7	0	56.4	42	0	68.9	0	69.1	69.3	70	N	0.4	N	N	13.6	Y	N
R1361	3	12.1	Tai Tau Leng	69.0	69.7	57.8	0	57.4	44.8	0	69.5	0	69.8	70.1	70	N	0.4	N	N	12.3	Y	N
R1362	1	6.7	Tai Tau Leng	63.5	64.3	52.3	0	57.4	33.9	0	63.6	0	64.5	64.8	70	N	0.5	N	N	12.5	Y	N
R1362	2	9.7	Tai Tau Leng	65.7	66.6	56.1	0	59.7	36.3	0	65.5	0	66.5	66.9	70	N	0.3	N	N	10.8	Y	N
R1362	3	12.7	Tai Tau Leng	68.3	69.3	60.1	0	61.2	39.8	0	68.3	0	69.1	69.6	70	N	0.3	N	N	9.5	Y	N
R1363	1	6.7	Tai Tau Leng	70.2	71.4	65.9	0	68.2	28.1	0	65.4	0	70	71.5	70	Y	0.1	N	N	5.6	Y	Y
R1363	2	9.7	Tai Tau Leng	72.8	74.2	69.1	0	71	31.2	0	67.2	0	72.5	74.1	70	Y	-0.1	N	Y	5.0	Y	Y
R1363	3	12.7	Tai Tau Leng	74.6	75.9	71	0	72.2	35.8	0	69.6	0	74.1	75.9	70	Y	0.0	N	Y	4.9	Y	Y
R1364	1	6.7	Tai Tau Leng	71.2	72.1	66	0	69.6	0	0	60.5	0	70.1	71.5	70	Y	-0.6	N	N	5.5	Y	Y
R1364	2	9.7	Tai Tau Leng	72.8	73.8	68.5	0	70.8	0	0	61.8	0	71.3	73.1	70	Y	-0.7	N	Y	4.6	Y	Y
R1364	3	12.7	Tai Tau Leng	74.0	75.0	70.1	0	71.5	0	0	63.5	0	72.2	74.3	70	Y	-0.7	N	Y	4.2	Y	Y
R1365	1	6.8	Tai Tau Leng	68.5	70.0	68.9	0	62	31.8	0	60.3	0	64.2	70.1	70	N	0.1	N	N	1.2	Y	N
R1365	2	9.8	Tai Tau Leng	71.0	72.5	71.3	0	63.9	33.8	0	62.1	0	66.1	72.4	70	Y	-0.1	N	N	1.1	Y	Y
R1365	3	12.8	Tai Tau Leng	72.3	73.8	72.4	0	64.9	36.5	0	64	0	67.5	73.6	70	Y	-0.2	N	N	1.2	Y	Y
R1366	1	6.8	Tai Tau Leng	74.2	75.1	72.6	0	70.3	0	0	55.6	0	70.4	74.6	70	Y	-0.5	N	N	2.0	Y	Y
R1366	2	9.8	Tai Tau Leng	75.7	76.6	74.8	0	70.5	0	0	56.7	0	70.6	76.2	70	Y	-0.4	N	Y	1.4	Y	Y
R1366	3	12.8	Tai Tau Leng	76.5	77.4	75.8	0	70.6	0	0	57.8	0	70.8	77	70	Y	-0.4	N	Y	1.2	Y	Y
R1367	1	6.8	Tai Tau Leng	77.6	78.2	70.4	0	76.5	0	0	0	0	76.5	77.4	70	Y	-0.8	N	Y	7.0	Y	Y
R1367	2	9.8	Tai Tau Leng	78.0	78.6	71.8	0	76.5	0	0	0	0	76.5	77.8	70	Y	-0.8	N	Y	6.0	Y	Y
R1367	3	12.8	Tai Tau Leng	78.2	78.8	72.5	0	76.5	0	0	0	0	76.5	78	70	Y	-0.8	N	Y	5.5	Y	Y
R1368	1	6.8	Tai Tau Leng	82.2	82.9	65.9	0	82.2	0	0	0	0	82.2	82.3	70	Y	-0.6	N	Y	16.4	Y	Y
R1368	2	9.8	Tai Tau Leng	82.1	82.9	66.2	0	82.1	0	0	0	0	82.1	82.2	70	Y	-0.7	N	Y	16.0	Y	Y
R1368	3	12.8	Tai Tau Leng	82.0	82.7	66.6	0	82	0	0	0	0	82	82.1	70	Y	-0.6	N	Y	15.5	Y	Y
R1369	1	6.2	Tai Tau Leng	71.8	72.5	66.4	0	69.8	0	0	57.7	0	70	71.6	70	Y	-0.9	N	N	5.2	Y	Y
R1369	2	9.2	Tai Tau Leng	72.7	73.5	67.2	0	69.9	0	0	58.4	0	70.2	72	70	Y	-1.5	N	N	4.8	Y	Y
R1369	3	12.2	Tai Tau Leng	74.2	75.0	68.1	0	70.1	0	0	59	0	70.4	72.4	70	Y	-2.6	N	N	4.3	Y	Y
R1370	1	6.3	Tai Tau Leng	77.3	78.0	63.4	0	77	0	0	0	0	77	77.2	70	Y	-0.8	N	Y	13.8	Y	Y
R1370	2	9.3	Tai Tau Leng	77.4	78.1	63.5	0	77	0	0	0	0	77	77.2	70	Y	-0.9	N	Y	13.7	Y	Y
R1370	3	12.3	Tai Tau Leng	77.6	78.2	63.8	0	77	0	0	0	0	77	77.2	70	Y	-1.0	N	Y	13.4	Y	Y
R1381	1	13.2	Choi Yuen Estate	72.7	73.1	68	0	70.3	0	0	0	0	70.3	72.3	70	Y	-0.8	N	N	4.3	Y	Y
R1381	2	15.9	Choi Yuen Estate	72.7	73.0	68	0	70.3	0	0	0	0	70.3	72.3	70	Y	-0.7	N	N	4.3	Y	Y
R1381	3	18.6	Choi Yuen Estate	72.7	73.0	68	0	70.4	0	0	0	0	70.4	72.4	70	Y	-0.6	N	N	4.4	Y	Y
R1381	4	21.3	Choi Yuen Estate	72.7	73.0	67.9	0	70.6	0	0	0	0	70.6	72.5	70	Y	-0.5	N	Y	4.6	Y	Y
R1381	5	24.0	Choi Yuen Estate	72.6	73.0	67.9	0	70.8	0	0	0	0	70.8	72.6	70	Y	-0.4	N	Y	4.7	Y	Y
R1381	6	26.7	Choi Yuen Estate	72.6	73.0	67.9	0	71.1	0	0	0	0	71.1	72.8	70	Y	-0.2	N	Y	4.9	Y	Y
R1381	7	29.4	Choi Yuen Estate	72.7	73.0	67.8	0	71.5	0	0	0	0	71.5	73	70	Y	0.0	N	Y	5.2	Y	Y
R1381	8	32.1	Choi Yuen Estate	72.8	73.1	67.7	0	71.7	0	0	0	0	71.7	73.2	70	Y	0.1	N	Y	5.5	Y	Y
R1381	9	34.8	Choi Yuen Estate	72.9	73.3	67.7	0	72	0	0	0	0	72	73.4	70	Y	0.1	N	Y	5.7	Y	Y
R1381	10	37.5	Choi Yuen Estate	72.9	73.3	67.6	0	72.2	0	0	0	0	72.2	73.5	70	Y	0.2	N	Y	5.9	Y	Y
R1381	11	40.2	Choi Yuen Estate	72.9	73.3	67.5	0	72.2	0	0	0	0	72.2	73.5	70	Y	0.2	N	Y	6.0	Y	Y
R1381	12	42.9	Choi Yuen Estate	72.8	73.3	67.5	0	72.2	0	0	0	0	72.2	73.5	70	Y	0.2	N	Y	6.0	Y	Y
R1381	13	45.6	Choi Yuen Estate	72.7	73.2	67.4	0	72.2	0	0	0	0	72.2	73.4	70	Y	0.2	N	Y	6.0	Y	Y
R1381	14	48.3	Choi Yuen Estate	72.7	73.1	67.3	0	72.1	0	0	0	0	72.1	73.4	70	Y	0.3	N	Y	6.1	Y	Y
R1381	15	51.0	Choi Yuen Estate	72.6	73.0	67.2	0	72	0	0	0	0	72	73.3	70	Y	0.3	N	Y	6.1	Y	Y
R1381	16	53.7	Choi Yuen Estate	72.5	73.0	67.1	0	72	0	0	0	0	72	73.2	70	Y	0.2	N	Y	6.1	Y	Y
R1381	17	56.4	Choi Yuen Estate	72.4	72.9	67	0	71.9	0	0	0	0	71.9	73.1	70	Y	0.2	N	Y	6.1	Y	Y
R1381	18	59.1	Choi Yuen Estate	72.3	72.8	66.9	0	71.8	0	0	0	0	71.8	73	70	Y	0.2	N	Y	6.1	Y	Y
R1381	19	61.8	Choi Yuen Estate	72.2	72.7	66.8	0	71.7	0	0	0	0	71.7	72.9	70	Y	0.2	N	Y	6.1	Y	Y
R1381	20	64.5	Choi Yuen Estate	72.2	72.6	66.8	0	71.6	0	0	0	0	71.6	72.9	70	Y	0.3	N	Y	6.1	Y	Y
R1381	21	67.2	Choi Yuen Estate	72.1	72.5	66.7	0	71.6	0	0	0	0	71.6	72.8	70	Y	0.3	N	Y	6.1	Y	Y
R1381	22	69.9	Choi Yuen Estate	72.0	72.5	66.6	0	71.6	0	0	0	0	71.6	72.8	70	Y	0.3	N	Y	6.2	Y	Y
R1381	23	72.6	Choi Yuen Estate	72.0	72.4	66.5	0	71.5	0	0	0	0	71.5	72.7	70	Y	0.3	N	Y	6.2	Y	Y
R1381	24	75.3	Choi Yuen Estate	71.9	72.3	66.4	0	71.4	0	0	0	0	71.4	72.6	70	Y	0.3	N	Y	6.2	Y	Y
R1381	25	78.0	Choi Yuen Estate	71.9	72.3	66.3	0	71.3	0	0	0	0	71.3	72.5	70	Y	0.2	N	Y	6.2	Y	Y
R1381	26	80.7	Choi Yuen Estate	71.8	72.2	66.2	0	71.3	0	0	0	0	71.3	72.5	70	Y	0.3	N	Y	6.3	Y	Y
R1381	27	83.4	Choi Yuen Estate	71.7	72.1	66.1	0	71.3	0	0	0	0	71.3	72.4	70	Y	0.3	N	Y	6.3	Y	Y
R1381	28	86.1	Choi Yuen Estate	71.6	72.1	66	0	71.2	0	0	0	0	71.2	72.4	70	Y	0.3	N	Y	6.4	Y	Y
R1381	29	88.8	Choi Yuen Estate	71.6	72.0	65.9	0	71.1	0	0	0	0	71.1	72.3	70	Y	0.3	N	Y	6.4	Y	Y
R1381	30	91.5	Choi Yuen Estate	71.6	72.0	65.8	0	71.1	0	0	0	0	71.1	72.2	70	Y	0.2	N	Y	6.4	Y	Y
R1381	31	94.2	Choi Yuen Estate	71.5	71.9	65.7	0	71	0	0	0	0	71	72.1	70	Y	0.2	N	Y	6.4	Y	Y
R1381	32	96.9	Choi Yuen Estate	71.5	71.9	65.7	0	71	0	0	0	0	71	72.1	70	Y	0.2	N	Y	6.4	Y	Y
R1381	33	99.6	Choi Yuen Estate	71.4	71.8	65.6	0	70.9	0	0	0	0	70.9	72	70	Y	0.2	N	Y	6.4	Y	Y
R1381	34	102.3	Choi Yuen Estate	71.4	71.8	65.5	0	70.8	0	0	0	0	70.8	71.9	70	Y	0.1	N	Y	6.4	Y	Y
R1381	35	105.0	Choi Yuen Estate	71.3	71.7	65.4	0	70.8	0	0	0	0	70.8	71.9	70	Y	0.2	N	Y	6.5	Y	Y
R1382	1	13.2	Choi Yuen Estate	71.9	72.3	66.1	0	70	29.5	0	56.8	0	70.2	71.7	70	Y	-0.6	N	N	5.6	Y	Y
R1382	2	15.9	Choi Yuen Estate	72.3	72.7	66.4	0	70.3	37.1	0	60.7	0	70.8	72.1	70	Y	-0.6	N	Y	5.7	Y	Y
R1382	3	18.6	Choi Yuen Estate	72.6	73.0	66.9	0	70.7	39.2	0	62.8	0	71.4	72.7	70	Y	-0.3	N	Y	5.8	Y	Y
R1382	4	21.3	Choi Yuen Estate	72.8	73.3	67.4	0	71.5	39.3	0	63.6	0	72.2	73.4	70	Y	0.1	N	Y	6.0	Y	Y
R1382	5	24.0	Choi Yuen Estate	73.1	73.6	67.7	0	72.3	39.3	0	64.2	0	73	74.1	70	Y	0.5	N	Y	6.4	Y	Y
R1382	6	26.7	Choi Yuen Estate	73.6	74.1	67.9	0	73.4	39.3	0	64.4	0	73.9	74.9	70	Y	0.8	N	Y	7.0	Y	Y
R1382	7	29.4	Choi Yuen Estate	74.1	74.8	68	0	74.3	39.3	0	64.6	0	74.8	75.6	70	Y	0.8	N	Y	7.6	Y	Y
R1382	8	32.1	Choi Yuen Estate	74.7	75.3	68	0	75	39.3	0	64.8	0	75.4	76.1	70	Y	0.8	N	Y	8.1	Y	Y
R1382	9	34.8	Choi Yuen Estate	75.0	75.7	68.1	0	75.4	39.3	0	65	0	75.7	76.4	70	Y	0.7	N	Y	8.3	Y	Y
R1382	10	37.5	Choi Yuen Estate	75.1	75.8	68.1	0	75.5	39.4	0	65.2	0	75.9	76.6	70	Y	0.8	N	Y	8.5	Y	Y
R1382	11	40.2	Choi Yuen Estate	75.1	75.8	68.1	0	75.5	39.4	0	65.4	0	75.9	76.6	70	Y	0.8	N	Y	8.5	Y	Y
R1382	12	42.9	Choi Yuen Estate	75.1	75.8	68.1	0	75.5	39.4	0	65.5	0	75.9	76.6	70	Y	0.8	N	Y	8.5	Y	Y
R1382	13	45.6	Choi Yuen Estate	75.1	75.8	68.1	0	75.4	39.4	0	65.7	0	75.9	76.6	70	Y	0.8	N	Y	8.5	Y	Y
R1382	14	48.3	Choi Yuen Estate	75.1	75.8	68.1	0	75.3	39.4	0	65.8	0	75.8	76.5	70	Y	0.7	N	Y	8.4	Y	Y
R1382	15	51.0	Choi Yuen Estate	75.1	75.8	68.1	0	75.3	39.4	0	66	0	75.8	76.5	70	Y	0.7	N	Y	8.4	Y	Y
R1382	16	53.7	Choi Yuen Estate	75.1	75.8	68.1	0	75.2	39.5	0	66.2	0	75.7	76.4	70	Y	0.6	N	Y	8.3	Y	Y
R1382	17	56.4	Choi Yuen Estate	75.0	75.7	68.1	0	75.2	39.5	0	66.4	0	75.7	76.4	70	Y	0.7	N	Y	8.3	Y	Y
R1382	18	59.1	Choi Yuen Estate	75.1	75.8	68.1	0	75.1	39.5	0	66.6	0	75.7	76.4	70	Y	0.6	N	Y	8.3	Y	Y
R1382	19	61.8	Choi Yuen Estate	75.1	75.8	68.1	0	75.1	39.4	0	66.8	0	75.7	76.4	70	Y	0.6	N	Y	8.3	Y	Y
R1382	20	64.5	Choi Yuen Estate	75.1	75.8	68.1	0	75.1	39.5	0	66.9	0	75.7	76.4	70	Y	0.6	N	Y	8.3	Y	Y
R1382	21	67.2	Choi Yuen Estate	75.1	75.8	68.1	0	75	39.5	0	67	0	75.7	76.4	70	Y	0.6	N	Y	8.3	Y	Y
R1382	22	69.9	Choi Yuen Estate	75.1	75.8	68.1	0	75	39.5	0	67.2	0	75.6	76.3	70	Y	0.5	N	Y	8.2	Y	Y
R1382	23	72.6	Choi Yuen Estate	75.2	75.8	68.1	0	74.9	39.5	0	67.2	0	75.6	76.3	70	Y	0.5	N	Y	8.2	Y	Y
R1382	24	75.3	Choi Yuen Estate	75.2	75.9	68.1	0	74.9	39.5	0	67.3	0	75.6	76.3	70	Y	0.4	N	Y	8.2	Y	Y
R1382	25	78.0	Choi Yuen Estate	75.2	75.8	68.1	0	74.8	39.5	0	67.4	0	75.6	76.3	70	Y	0.5	N	Y	8.2	Y	Y
R1382	26	80.7	Choi Yuen Estate	75.2	75.9	68.1	0	74.8	39.5	0	67.4	0	75.5	76.3	70	Y	0.4	N	Y	8.2	Y	Y
R1382	27	83.4	Choi Yuen Estate	75.2	75.9	68.2	0	74.8	39.4	0	67.4	0	75.5	76.2	70	Y	0.3	N	Y	8.0	Y	Y
R1382	28	86.1	Choi Yuen Estate	75.2	75.9	68.2	0	74.7	39.4	0	67.4	0	75.5	76.2	70	Y	0.3	N	Y	8.0	Y	Y
R1382	29	88.8	Choi Yuen Estate	75.2	75.9	68.2	0	74.7	39.4	0	67.5	0	75.4	76.2	70	Y	0.3	N	Y	8.0	Y	Y
R1382	30	91.5	Choi Yuen Estate	75.2	75.8	68.3	0	74.6	39.4	0	67.5	0	75.4	76.1	70	Y	0.3	N	Y	7.8	Y	Y
R1382	31	94.2	Choi Yuen Estate	75.2	75.8	68.3	0	74.5	39.4	0	67.5	0	75.3	76.1	70	Y	0.3	N	Y	7.8	Y	Y
R1382	32	96.9	Choi Yuen Estate	75.1	75.8	68.3	0	74.4	39.4	0	67.5	0	75.2	76	70	Y	0.2	N	Y	7.7	Y	Y
R1382	33	99.6	Choi Yuen Estate	75.1	75.7	68.3	0	74.3	39.4	0	67.6	0	75.2	76	70	Y	0.3	N	Y	7.7	Y	Y
R1382	34	102.3	Choi Yuen Estate	75.0	75.7	68.4	0	74.3	39.3	0	67.5	0	75.1	75.9	70	Y	0.2	N	Y	7.5	Y	Y
R1382	35	105.0	Choi Yuen Estate	75.0	75.6	68.4	0	74.2	39.3	0	67.5	0	75	75.9	70	Y	0.3	N	Y	7.5	Y	Y
R1383	1	13.2	Choi Yuen Estate	62.6	63.2	60	0	60.2	0	0	57	0	61.9	64.1	70	N	0.9	N	N	4.1	Y	N
R1383	2	15.9	Choi Yuen Estate	64.8	65.4	61	0	61.4	0	0	61.2	0	64.3	66	70	N	0.6	N	N	5.0	Y	N
R1383	3	18.6	Choi Yuen Estate	66.3	67.0	62.4	0	62.9	0	0	63.4	0	66.1	67.7	70	N	0.7	N	N	5.3	Y	N
R1383	4	21.3	Choi Yuen Estate	67.1	67.8	63.7	0	64.6	0	0	64.3	0	67.4	69	70	N	1.2	Y	N	5.3	Y	N
R1383	5	24.0	Choi Yuen Estate	67.8	68.5	64.5	0	65.8	0	0	64.7	0	68.3	69.8	70	N	1.3	Y	N	5.3	Y	N
R1383	6	26.7	Choi Yuen Estate	68.3	69.0	65	0	67.1	0	0	65	0	69.2	70.6	70	Y	1.6	Y	N	5.6	Y	Y
R1383	7	29.4	Choi Yuen Estate	68.8	69.6	65.3	0	68.2	0	0	65.1	0	69.9	71.2	70	Y	1.6	Y	N	5.9	Y	Y
R1383	8	32.1	Choi Yuen Estate	69.5	70.3	65.5	0	69.1	0	0	65.3	0	70.6	71.8	70	Y	1.5	Y	Y	6.3	Y	Y
R1383	9	34.8	Choi Yuen Estate	70.2	71.0	65.6	0	70	0	0	65.4	0	71.3	72.3	70	Y	1.3	Y	Y	6.7	Y	Y
R1383	10	37.5	Choi Yuen Estate	70.8	71.7	65.8	0	70.7	0	0	65.5	0	71.9	72.8	70	Y	1.1	Y	Y	7.0	Y	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R1383	11	40.2	Choi Yuen Estate	71.2	72.1	65.9	0	71.1	0	0	65.7	0	72.2	73.1		70	Y	1.0	N	Y	7.2	Y	Y
R1383	12	42.9	Choi Yuen Estate	71.5	72.4	66	0	71.4	0	0	65.8	0	72.4	73.3		70	Y	0.9	N	Y	7.3	Y	Y
R1383	13	45.6	Choi Yuen Estate	71.6	72.5	66.1	0	71.4	0	0	65.9	0	72.5	73.4		70	Y	0.9	N	Y	7.3	Y	Y
R1383	14	48.3	Choi Yuen Estate	71.7	72.6	66.2	0	71.5	0	0	66.1	0	72.6	73.5		70	Y	0.9	N	Y	7.3	Y	Y
R1383	15	51.0	Choi Yuen Estate	71.8	72.7	66.3	0	71.5	0	0	66.2	0	72.6	73.5		70	Y	0.8	N	Y	7.2	Y	Y
R1383	16	53.7	Choi Yuen Estate	71.9	72.7	66.4	0	71.5	0	0	66.4	0	72.6	73.6		70	Y	0.9	N	Y	7.2	Y	Y
R1383	17	56.4	Choi Yuen Estate	71.9	72.8	66.4	0	71.4	0	0	66.6	0	72.7	73.6		70	Y	0.8	N	Y	7.2	Y	Y
R1383	18	59.1	Choi Yuen Estate	72.0	72.8	66.5	0	71.4	0	0	66.8	0	72.7	73.6		70	Y	0.8	N	Y	7.1	Y	Y
R1383	19	61.8	Choi Yuen Estate	72.0	72.9	66.6	0	71.3	0	0	66.9	0	72.7	73.6		70	Y	0.7	N	Y	7.0	Y	Y
R1383	20	64.5	Choi Yuen Estate	72.1	72.9	66.7	0	71.2	0	0	67.1	0	72.6	73.6		70	Y	0.7	N	Y	6.9	Y	Y
R1383	21	67.2	Choi Yuen Estate	72.1	72.9	66.8	0	71.2	0	0	67.1	0	72.6	73.6		70	Y	0.7	N	Y	6.8	Y	Y
R1383	22	69.9	Choi Yuen Estate	72.1	73.0	66.9	0	71.1	0	0	67.2	0	72.6	73.6		70	Y	0.6	N	Y	6.7	Y	Y
R1383	23	72.6	Choi Yuen Estate	72.2	73.0	67	0	71.1	0	0	67.3	0	72.6	73.7		70	Y	0.7	N	Y	6.7	Y	Y
R1383	24	75.3	Choi Yuen Estate	72.3	73.1	67.1	0	71.1	0	0	67.4	0	72.6	73.7		70	Y	0.6	N	Y	6.6	Y	Y
R1383	25	78.0	Choi Yuen Estate	72.3	73.1	67.1	0	71	0	0	67.4	0	72.6	73.7		70	Y	0.6	N	Y	6.6	Y	Y
R1383	26	80.7	Choi Yuen Estate	72.4	73.2	67.2	0	71.1	0	0	67.5	0	72.6	73.7		70	Y	0.5	N	Y	6.5	Y	Y
R1383	27	83.4	Choi Yuen Estate	72.4	73.2	67.4	0	71	0	0	67.5	0	72.6	73.8		70	Y	0.6	N	Y	6.4	Y	Y
R1383	28	86.1	Choi Yuen Estate	72.4	73.2	67.5	0	71	0	0	67.5	0	72.6	73.7		70	Y	0.5	N	Y	6.2	Y	Y
R1383	29	88.8	Choi Yuen Estate	72.5	73.3	67.6	0	70.9	0	0	67.5	0	72.5	73.8		70	Y	0.5	N	Y	6.2	Y	Y
R1383	30	91.5	Choi Yuen Estate	72.5	73.3	67.7	0	70.9	0	0	67.5	0	72.5	73.8		70	Y	0.5	N	Y	6.1	Y	Y
R1383	31	94.2	Choi Yuen Estate	72.6	73.4	67.9	0	70.9	0	0	67.5	0	72.5	73.8		70	Y	0.4	N	Y	5.9	Y	Y
R1383	32	96.9	Choi Yuen Estate	72.7	73.4	68	0	70.9	0	0	67.6	0	72.5	73.9		70	Y	0.5	N	Y	5.9	Y	Y
R1383	33	99.6	Choi Yuen Estate	72.7	73.5	68.1	0	70.9	0	0	67.6	0	72.5	73.9		70	Y	0.4	N	Y	5.8	Y	Y
R1383	34	102.3	Choi Yuen Estate	72.7	73.5	68.2	0	70.9	0	0	67.6	0	72.5	73.9		70	Y	0.4	N	Y	5.7	Y	Y
R1383	35	105.0	Choi Yuen Estate	72.8	73.5	68.3	0	70.8	0	0	67.6	0	72.5	73.9		70	Y	0.4	N	Y	5.6	Y	Y
R1384	1	13.2	Choi Yuen Estate	63.5	63.8	57.8	0	62.1	31.6	0	54.1	0	62.8	64		70	N	0.2	N	N	6.2	Y	N
R1384	2	15.9	Choi Yuen Estate	64.6	65.0	57.9	0	62.7	35.7	0	59.3	0	64.3	65.2		70	N	0.2	N	N	7.3	Y	N
R1384	3	18.6	Choi Yuen Estate	65.4	65.8	58	0	63.3	38	0	61.5	0	65.5	66.2		70	N	0.4	N	N	8.2	Y	N
R1384	4	21.3	Choi Yuen Estate	65.9	66.3	58.1	0	64.3	40	0	62.2	0	66.4	67		70	N	0.7	N	N	8.9	Y	N
R1384	5	24.0	Choi Yuen Estate	66.4	66.9	58.2	0	65.3	41.2	0	62.7	0	67.2	67.7		70	N	0.8	N	N	9.5	Y	N
R1384	6	26.7	Choi Yuen Estate	67.0	67.6	58.2	0	66.6	41.9	0	63	0	68.2	68.6		70	N	1.0	N	N	10.4	Y	N
R1384	7	29.4	Choi Yuen Estate	67.8	68.4	58.3	0	67.9	42.2	0	63.5	0	69.3	69.6		70	N	1.2	Y	N	11.3	Y	N
R1384	8	32.1	Choi Yuen Estate	68.6	69.3	58.3	0	69	42.5	0	63.7	0	70.1	70.4		70	N	1.1	Y	N	12.1	Y	N
R1384	9	34.8	Choi Yuen Estate	69.3	70.0	58.3	0	69.7	42.5	0	64.1	0	70.8	71		70	Y	1.0	N	Y	12.7	Y	Y
R1384	10	37.5	Choi Yuen Estate	69.7	70.4	58.3	0	70.2	42.6	0	64.5	0	71.2	71.5		70	Y	1.1	Y	Y	13.2	Y	Y
R1384	11	40.2	Choi Yuen Estate	70.2	70.9	58.3	0	70.6	42.6	0	64.8	0	71.6	71.8		70	Y	0.9	N	Y	13.5	Y	Y
R1384	12	42.9	Choi Yuen Estate	70.5	71.2	58.3	0	70.8	42.6	0	65	0	71.9	72		70	Y	0.8	N	Y	13.7	Y	Y
R1384	13	45.6	Choi Yuen Estate	70.7	71.5	58.3	0	71.1	42.6	0	65.2	0	72.1	72.2		70	Y	0.7	N	Y	13.9	Y	Y
R1384	14	48.3	Choi Yuen Estate	70.9	71.6	58.3	0	71.2	42.6	0	65.3	0	72.2	72.3		70	Y	0.7	N	Y	14.0	Y	Y
R1384	15	51.0	Choi Yuen Estate	71.1	71.8	58.3	0	71.3	42.6	0	65.3	0	72.3	72.4		70	Y	0.6	N	Y	14.1	Y	Y
R1384	16	53.7	Choi Yuen Estate	71.2	71.9	58.2	0	71.3	42.6	0	65.4	0	72.3	72.5		70	Y	0.6	N	Y	14.3	Y	Y
R1384	17	56.4	Choi Yuen Estate	71.2	71.9	58.2	0	71.3	42.5	0	65.4	0	72.3	72.5		70	Y	0.6	N	Y	14.3	Y	Y
R1384	18	59.1	Choi Yuen Estate	71.3	72.0	58.2	0	71.3	42.5	0	65.4	0	72.3	72.5		70	Y	0.5	N	Y	14.3	Y	Y
R1384	19	61.8	Choi Yuen Estate	71.3	72.0	58.2	0	71.3	42.5	0	65.4	0	72.3	72.5		70	Y	0.5	N	Y	14.3	Y	Y
R1384	20	64.5	Choi Yuen Estate	71.3	72.0	58.2	0	71.3	42.5	0	65.4	0	72.3	72.4		70	Y	0.4	N	Y	14.2	Y	Y
R1384	21	67.2	Choi Yuen Estate	71.3	72.0	58.2	0	71.2	42.5	0	65.4	0	72.2	72.4		70	Y	0.4	N	Y	14.2	Y	Y
R1384	22	69.9	Choi Yuen Estate	71.3	71.9	58.2	0	71.2	42.5	0	65.4	0	72.2	72.4		70	Y	0.5	N	Y	14.2	Y	Y
R1384	23	72.6	Choi Yuen Estate	71.2	71.9	58.1	0	71.1	42.5	0	65.4	0	72.2	72.3		70	Y	0.4	N	Y	14.2	Y	Y
R1384	24	75.3	Choi Yuen Estate	71.2	71.9	58.1	0	71	42.5	0	65.4	0	72.1	72.3		70	Y	0.4	N	Y	14.2	Y	Y
R1384	25	78.0	Choi Yuen Estate	71.3	71.9	58.1	0	71	42.4	0	65.5	0	72.1	72.3		70	Y	0.4	N	Y	14.2	Y	Y
R1384	26	80.7	Choi Yuen Estate	71.2	71.8	58.1	0	70.9	42.4	0	65.5	0	72	72.2		70	Y	0.4	N	Y	14.1	Y	Y
R1384	27	83.4	Choi Yuen Estate	71.1	71.8	58.1	0	70.9	42.4	0	65.6	0	72	72.2		70	Y	0.4	N	Y	14.1	Y	Y
R1384	28	86.1	Choi Yuen Estate	71.1	71.7	58.1	0	70.8	42.4	0	65.6	0	71.9	72.1		70	Y	0.4	N	Y	14.0	Y	Y
R1384	29	88.8	Choi Yuen Estate	71.1	71.7	58	0	70.7	42.4	0	65.6	0	71.9	72.1		70	Y	0.4	N	Y	14.1	Y	Y
R1384	30	91.5	Choi Yuen Estate	71.1	71.7	58	0	70.6	42.4	0	65.6	0	71.8	72		70	Y	0.3	N	Y	14.0	Y	Y
R1384	31	94.2	Choi Yuen Estate	71.1	71.7	58	0	70.6	42.3	0	65.7	0	71.8	72		70	Y	0.3	N	Y	14.0	Y	Y
R1384	32	96.9	Choi Yuen Estate	71.1	71.7	58	0	70.5	42.3	0	65.7	0	71.8	72		70	Y	0.3	N	Y	14.0	Y	Y
R1384	33	99.6	Choi Yuen Estate	71.1	71.7	58	0	70.5	42.3	0	65.8	0	71.8	71.9		70	Y	0.2	N	Y	13.9	Y	Y
R1384	34	102.3	Choi Yuen Estate	71.0	71.6	58.1	0	70.4	42.3	0	65.9	0	71.7	71.9		70	Y	0.3	N	Y	13.8	Y	Y
R1384	35	105.0	Choi Yuen Estate	71.0	71.6	58.2	0	70.3	42.4	0	65.9	0	71.7	71.9		70	Y	0.3	N	Y	13.7	Y	Y
R1385	1	13.2	Choi Yuen Estate	71.9	72.4	68.3	0	68.9	31.3	0	56.5	0	69.2	71.8		70	Y	-0.6	N	N	3.5	Y	Y
R1385	2	15.9	Choi Yuen Estate	72.5	73.1	69	0	69.3	34.6	0	60	0	69.8	72.4		70	Y	-0.7	N	N	3.4	Y	Y
R1385	3	18.6	Choi Yuen Estate	73.3	74.0	70.2	0	69.9	36.9	0	61.7	0	70.5	73.4		70	Y	-0.6	N	Y	3.2	Y	Y
R1385	4	21.3	Choi Yuen Estate	73.9	74.6	70.9	0	70.9	39.6	0	62.8	0	71.5	74.2		70	Y	-0.4	N	Y	3.3	Y	Y
R1385	5	24.0	Choi Yuen Estate	74.7	75.4	71.3	0	72.2	41.1	0	63.6	0	72.7	75.1		70	Y	-0.3	N	Y	3.8	Y	Y
R1385	6	26.7	Choi Yuen Estate	75.3	76.0	71.6	0	73.4	41.9	0	64.3	0	73.9	75.9		70	Y	-0.1	N	Y	4.3	Y	Y
R1385	7	29.4	Choi Yuen Estate	75.9	76.6	71.8	0	74.3	42.4	0	65	0	74.8	76.6		70	Y	0.0	N	Y	4.8	Y	Y
R1385	8	32.1	Choi Yuen Estate	76.3	77.0	72	0	74.9	42.5	0	65.4	0	75.4	77		70	Y	0.0	N	Y	5.0	Y	Y
R1385	9	34.8	Choi Yuen Estate	76.6	77.3	72.2	0	75.2	42.6	0	66.1	0	75.7	77.3		70	Y	0.0	N	Y	5.1	Y	Y
R1385	10	37.5	Choi Yuen Estate	76.7	77.4	72.3	0	75.3	42.7	0	66.6	0	75.9	77.4		70	Y	0.0	N	Y	5.1	Y	Y
R1385	11	40.2	Choi Yuen Estate	76.9	77.6	72.5	0	75.4	42.7	0	67	0	76	77.6		70	Y	0.0	N	Y	5.1	Y	Y
R1385	12	42.9	Choi Yuen Estate	77.0	77.7	72.6	0	75.5	42.7	0	67.4	0	76.1	77.7		70	Y	0.0	N	Y	5.1	Y	Y
R1385	13	45.6	Choi Yuen Estate	77.0	77.7	72.7	0	75.5	42.7	0	67.6	0	76.1	77.7		70	Y	0.0	N	Y	5.0	Y	Y
R1385	14	48.3	Choi Yuen Estate	77.1	77.7	72.8	0	75.4	42.7	0	67.7	0	76.1	77.8		70	Y	0.1	N	Y	5.0	Y	Y
R1385	15	51.0	Choi Yuen Estate	77.1	77.8	73	0	75.3	42.7	0	67.8	0	76	77.8		70	Y	0.0	N	Y	4.8	Y	Y
R1385	16	53.7	Choi Yuen Estate	77.1	77.8	73.2	0	75.3	42.7	0	67.9	0	76	77.8		70	Y	0.0	N	Y	4.6	Y	Y
R1385	17	56.4	Choi Yuen Estate	77.1	77.8	73.4	0	75.2	42.7	0	67.9	0	75.9	77.8		70	Y	0.0	N	Y	4.4	Y	Y
R1385	18	59.1	Choi Yuen Estate	77.1	77.8	73.5	0	75.1	42.6	0	68	0	75.9	77.8		70	Y	0.0	N	Y	4.3	Y	Y
R1385	19	61.8	Choi Yuen Estate	77.1	77.8	73.6	0	75	42.6	0	68	0	75.8	77.9		70	Y	0.1	N	Y	4.3	Y	Y
R1385	20	64.5	Choi Yuen Estate	77.1	77.8	73.7	0	74.9	42.6	0	68	0	75.7	77.8		70	Y	0.0	N	Y	4.1	Y	Y
R1385	21	67.2	Choi Yuen Estate	77.1	77.8	73.8	0	74.8	42.6	0	68.1	0	75.7	77.8		70	Y	0.0	N	Y	4.0	Y	Y
R1385	22	69.9	Choi Yuen Estate	77.1	77.7	73.9	0	74.7	42.6	0	68.1	0	75.6	77.8		70	Y	0.1	N	Y	3.9	Y	Y
R1385	23	72.6	Choi Yuen Estate	77.1	77.7	74	0	74.7	42.6	0	68.1	0	75.5	77.8		70	Y	0.1	N	Y	3.8	Y	Y
R1385	24	75.3	Choi Yuen Estate	77.1	77.7	74.1	0	74.6	42.6	0	68.2	0	75.5	77.8		70	Y	0.1	N	Y	3.7	Y	Y
R1385	25	78.0	Choi Yuen Estate	77.1	77.7	74.1	0	74.5	42.6	0	68.2	0	75.4	77.8		70	Y	0.1	N	Y	3.7	Y	Y
R1385	26	80.7	Choi Yuen Estate	77.1	77.7	74.2	0	74.4	42.5	0	68.3	0	75.3	77.8		70	Y	0.1	N	Y	3.6	Y	Y
R1385	27	83.4	Choi Yuen Estate	77.1	77.7	74.3	0	74.3	42.5	0	68.3	0	75.3	77.8		70	Y	0.1	N	Y	3.5	Y	Y
R1385	28	86.1	Choi Yuen Estate	77.1	77.7	74.4	0	74.2	42.5	0	68.4	0	75.2	77.8		70	Y	0.1	N	Y	3.4	Y	Y
R1385	29	88.8	Choi Yuen Estate	77.1	77.7	74.5	0	74.1	42.5	0	68.5	0	75.2	77.8		70	Y	0.1	N	Y	3.3	Y	Y
R1385	30	91.5	Choi Yuen Estate	77.1	77.7	74.5	0	74.1	42.5	0	68.5	0	75.1	77.8		70	Y	0.1	N	Y	3.3	Y	Y
R1385	31	94.2	Choi Yuen Estate	77.0	77.7	74.6	0	74	42.5	0	68.6	0	75.1	77.8		70	Y	0.1	N	Y	3.2	Y	Y
R1385	32	96.9	Choi Yuen Estate	77.0	77.6	74.6	0	73.9	42.4	0	68.6	0	75	77.8		70	Y	0.2	N	Y	3.2	Y	Y
R1385	33	99.6	Choi Yuen Estate	77.0	77.6	74.6	0	73.8	42.4	0	68.6	0	74.9	77.8		70	Y	0.2	N	Y	3.2	Y	Y
R1385	34	102.3	Choi Yuen Estate	76.9	77.6	74.7	0	73.7	42.4	0	68.7	0	74.9	77.8		70	Y	0.2	N	Y	3.1	Y	Y
R1385	35	105.0	Choi Yuen Estate	76.9	77.5	74.6	0	73.6	42.4	0	68.7	0	74.8	77.7		70	Y	0.2	N	Y	3.1	Y	Y
R1386	1	13.2	Choi Yuen Estate	71.7	72.2	68.9	0	67.8	0	0	52.2	0	67.9	71.4		70	Y	-0.8	N	N	2.5	Y	Y
R1386	2	15.9	Choi Yuen Estate	72.0	72.6	69.5	0	67.9	0	0	53.6	0	68.1	71.9		70	Y	-0.7	N	N	2.4	Y	Y
R1386	3	18.6	Choi Yuen Estate	72.6	73.3	70.5	0	68	0	0	54.5	0	68.2	72.5		70	Y	-0.8	N	N	2.0	Y	Y
R1386	4	21.3	Choi Yuen Estate	73.1	73.8	71.2	0	68.3	0	0	55.3	0	68.5	73.1		70	Y	-0.7	N	N	1.9	Y	Y
R1386	5	24.0	Choi Yuen Estate	73.5	74.1	71.7	0	68.7	0	0	56.1	0	68.9	73.5		70	Y	-0.6	N	N	1.8	Y	Y
R1386	6	26.7	Choi Yuen Estate	73.8	74.4	72	0	69.2	0	0	57	0	69.5	73.9		70	Y	-0.5	N	N	1.9	Y	Y
R1386	7	29.4	Choi Yuen Estate	74.0	74.6	72.2	0	69.6	0	0	58.2	0	69.9	74.2		70	Y	-0.4	N	N	2.0	Y	Y
R1386	8	32.1	Choi Yuen Estate	74.2	74.9	72.4	0	70.1	0	0	58.7	0	70.4	74.5		70	Y	-0.4	N	N	2.1	Y	Y
R1386	9	34.8	Choi Yuen Estate	74.5	75.1	72.6	0	70.4	0	0	59.8	0	70.8	74.8		70	Y	-0.3	N	Y	2.2	Y	Y
R1386	10	37.5	Choi Yuen Estate	74.7	75.3	72.8	0	70.5	0	0	60.9	0	71	75		70	Y	-0.3	N	Y	2.2	Y	Y
R1386	11	40.2	Choi Yuen Estate	74.8	75.5	73	0	70.6	0	0	61.6	0	71.1	75.2		70	Y	-0.3	N	Y	2.2	Y	Y
R1386	12	42.9	Choi Yuen Estate	75.0	75.6	73.3	0	70.7	0	0	62.2	0	71.3	75.4		70	Y	-0.2	N	Y	2.1	Y	Y
R1386	13	45.6	Choi Yuen Estate	75.0	75.7	73.3	0	70.7	0	0	62.5	0	71.3	75.4		70	Y	-0.3	N	Y	2.1	Y	Y
R1386	14	48.3	Choi Yuen Estate	75.2	75.8	73.6	0	70.7	0	0	62.7	0	71.4	75.6		70	Y	-0.2	N	Y	2.0	Y	Y
R1386	15	51.0	Choi Yuen Estate	75.3	75.9	73.8	0	70.7	0	0	62.9	0	71.4	75.8		70	Y	-0.1	N	Y	2.0	Y	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT									Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
						EXISTING ROADS	OTHER ROADS	NEW ROADS					NEW ROADS	OVERALL NOISE LEVEL								
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	at 2044	at 2044	PD	DD	OTHER	EX	TR	at 2044	at 2044			C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)[1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R1386	16	53.7	Choi Yuen Estate	75.4	76.0	74.1	0	70.7	0	0	63	0	71.4	75.9	70	Y	-0.1	N	Y	1.8	Y	Y
R1386	17	56.4	Choi Yuen Estate	75.5	76.1	74.3	0	70.6	0	0	63.2	0	71.3	76	70	Y	-0.1	N	Y	1.7	Y	Y
R1386	18	59.1	Choi Yuen Estate	75.6	76.2	74.4	0	70.6	0	0	63.2	0	71.3	76.2	70	Y	0.0	N	Y	1.8	Y	Y
R1386	19	61.8	Choi Yuen Estate	75.7	76.3	74.6	0	70.4	0	0	63.2	0	71.2	76.2	70	Y	-0.1	N	Y	1.6	Y	Y
R1386	20	64.5	Choi Yuen Estate	75.7	76.4	74.7	0	70.4	0	0	63.5	0	71.2	76.3	70	Y	-0.1	N	Y	1.6	Y	Y
R1386	21	67.2	Choi Yuen Estate	75.8	76.4	74.9	0	70.3	0	0	63.4	0	71.1	76.4	70	Y	0.0	N	Y	1.5	Y	Y
R1386	22	69.9	Choi Yuen Estate	75.8	76.4	74.9	0	70.2	0	0	63.5	0	71.1	76.4	70	Y	0.0	N	Y	1.5	Y	Y
R1386	23	72.6	Choi Yuen Estate	75.8	76.5	75.1	0	70.2	0	0	63.5	0	71	76.5	70	Y	0.0	N	Y	1.4	Y	Y
R1386	24	75.3	Choi Yuen Estate	75.9	76.5	75.1	0	70.1	0	0	63.5	0	71	76.6	70	Y	0.1	N	Y	1.5	Y	Y
R1386	25	78.0	Choi Yuen Estate	76.0	76.6	75.2	0	70	0	0	63.7	0	70.9	76.6	70	Y	0.0	N	Y	1.4	Y	Y
R1386	26	80.7	Choi Yuen Estate	76.0	76.6	75.3	0	69.9	0	0	63.8	0	70.9	76.7	70	Y	0.1	N	Y	1.4	Y	Y
R1386	27	83.4	Choi Yuen Estate	76.0	76.7	75.4	0	69.9	0	0	63.8	0	70.8	76.7	70	Y	0.0	N	Y	1.3	Y	Y
R1386	28	86.1	Choi Yuen Estate	76.1	76.7	75.5	0	69.8	0	0	64	0	70.9	76.8	70	Y	0.1	N	Y	1.3	Y	Y
R1386	29	88.8	Choi Yuen Estate	76.1	76.7	75.6	0	69.8	0	0	63.9	0	70.8	76.8	70	Y	0.1	N	Y	1.2	Y	Y
R1386	30	91.5	Choi Yuen Estate	76.1	76.7	75.6	0	69.7	0	0	64	0	70.8	76.9	70	Y	0.2	N	Y	1.3	Y	Y
R1386	31	94.2	Choi Yuen Estate	76.1	76.7	75.7	0	69.6	0	0	63.9	0	70.7	76.9	70	Y	0.2	N	Y	1.2	Y	Y
R1386	32	96.9	Choi Yuen Estate	76.1	76.7	75.7	0	69.6	0	0	64	0	70.7	76.9	70	Y	0.2	N	Y	1.2	Y	Y
R1386	33	99.6	Choi Yuen Estate	76.1	76.7	75.8	0	69.5	0	0	64.2	0	70.7	76.9	70	Y	0.2	N	Y	1.1	Y	Y
R1386	34	102.3	Choi Yuen Estate	76.1	76.7	75.8	0	69.4	0	0	64.3	0	70.6	76.9	70	Y	0.2	N	Y	1.1	Y	Y
R1386	35	105.0	Choi Yuen Estate	76.0	76.7	75.8	0	69.4	0	0	64.4	0	70.6	76.9	70	Y	0.2	N	Y	1.1	Y	Y
R1387	1	12.9	Choi Yuen Estate	76.2	76.3	74.1	0	65.5	0	0	54.9	0	65.9	74.7	70	Y	-1.6	N	N	0.6	N	N
R1387	2	15.6	Choi Yuen Estate	76.4	76.6	74.4	0	65.8	0	0	60.6	0	66.9	75.1	70	Y	-1.5	N	N	0.7	N	N
R1387	3	18.3	Choi Yuen Estate	76.8	77.1	75	0	66.3	0	0	64.1	0	68.3	75.9	70	Y	-1.2	N	N	0.9	N	N
R1387	4	21.0	Choi Yuen Estate	77.2	77.5	75.5	0	66.5	0	0	64.7	0	68.7	76.3	70	Y	-1.2	N	N	0.8	N	N
R1387	5	23.7	Choi Yuen Estate	77.5	77.9	76	0	66.8	0	0	65	0	69	76.8	70	Y	-1.1	N	N	0.8	N	N
R1387	6	26.4	Choi Yuen Estate	77.9	78.2	76.5	0	67	0	0	65.5	0	69.3	77.3	70	Y	-0.9	N	N	0.8	N	N
R1387	7	29.1	Choi Yuen Estate	78.2	78.5	77	0	67.3	0	0	65.8	0	69.6	77.8	70	Y	-0.7	N	N	0.8	N	N
R1387	8	31.8	Choi Yuen Estate	78.6	78.9	77.7	0	67.7	0	0	66.2	0	70	78.4	70	Y	-0.5	N	N	0.7	N	N
R1387	9	34.5	Choi Yuen Estate	78.9	79.3	78.3	0	68.1	0	0	66.5	0	70.4	78.9	70	Y	-0.4	N	N	0.6	N	N
R1387	10	37.2	Choi Yuen Estate	79.2	79.6	78.8	0	68.4	0	0	66.7	0	70.7	79.4	70	Y	-0.2	N	Y	0.6	N	Y
R1387	11	39.9	Choi Yuen Estate	79.5	79.9	79.3	0	68.6	0	0	66.8	0	70.8	79.9	70	Y	0.0	N	Y	0.6	N	Y
R1387	12	42.6	Choi Yuen Estate	79.6	80.1	79.5	0	68.9	0	0	66.9	0	71	80.1	70	Y	0.0	N	Y	0.6	N	Y
R1387	13	45.3	Choi Yuen Estate	79.7	80.2	79.8	0	69	0	0	67	0	71.1	80.3	70	Y	0.1	N	Y	0.5	N	Y
R1387	14	48.0	Choi Yuen Estate	79.7	80.2	79.8	0	69.1	0	0	67.1	0	71.2	80.4	70	Y	0.2	N	Y	0.6	N	Y
R1387	15	50.7	Choi Yuen Estate	79.7	80.1	79.8	0	69.2	0	0	67.3	0	71.3	80.4	70	Y	0.3	N	Y	0.6	N	Y
R1387	16	53.4	Choi Yuen Estate	79.6	80.1	79.8	0	69.2	0	0	67.4	0	71.4	80.4	70	Y	0.3	N	Y	0.6	N	Y
R1387	17	56.1	Choi Yuen Estate	79.5	80.0	79.7	0	69.2	0	0	67.5	0	71.4	80.3	70	Y	0.3	N	Y	0.6	N	Y
R1387	18	58.8	Choi Yuen Estate	79.5	80.0	79.6	0	69.2	0	0	67.6	0	71.5	80.2	70	Y	0.2	N	Y	0.6	N	Y
R1387	19	61.5	Choi Yuen Estate	79.3	79.8	79.5	0	69.2	0	0	67.6	0	71.5	80.1	70	Y	0.3	N	Y	0.6	N	Y
R1387	20	64.2	Choi Yuen Estate	79.2	79.7	79.4	0	69.2	0	0	67.7	0	71.5	80	70	Y	0.3	N	Y	0.6	N	Y
R1387	21	66.9	Choi Yuen Estate	79.2	79.6	79.3	0	69.1	0	0	67.7	0	71.5	79.9	70	Y	0.3	N	Y	0.6	N	Y
R1387	22	69.6	Choi Yuen Estate	79.0	79.5	79.2	0	69.1	0	0	67.7	0	71.5	79.9	70	Y	0.4	N	Y	0.7	N	Y
R1387	23	72.3	Choi Yuen Estate	78.9	79.4	79.1	0	69	0	0	67.7	0	71.4	79.8	70	Y	0.4	N	Y	0.7	N	Y
R1387	24	75.0	Choi Yuen Estate	78.8	79.3	79	0	69	0	0	67.7	0	71.4	79.7	70	Y	0.4	N	Y	0.7	N	Y
R1387	25	77.7	Choi Yuen Estate	78.7	79.2	78.8	0	69	0	0	67.7	0	71.4	79.5	70	Y	0.3	N	Y	0.7	N	Y
R1387	26	80.4	Choi Yuen Estate	78.6	79.1	78.7	0	68.9	0	0	67.6	0	71.3	79.5	70	Y	0.4	N	Y	0.8	N	Y
R1387	27	83.1	Choi Yuen Estate	78.5	79.0	78.6	0	68.8	0	0	67.6	0	71.3	79.3	70	Y	0.3	N	Y	0.7	N	Y
R1387	28	85.8	Choi Yuen Estate	78.4	78.9	78.5	0	68.8	0	0	67.5	0	71.2	79.2	70	Y	0.3	N	Y	0.7	N	Y
R1387	29	88.5	Choi Yuen Estate	78.3	78.8	78.4	0	68.7	0	0	67.4	0	71.1	79.1	70	Y	0.3	N	Y	0.7	N	Y
R1387	30	91.2	Choi Yuen Estate	78.1	78.6	78.3	0	68.6	0	0	67.4	0	71.1	79	70	Y	0.4	N	Y	0.7	N	Y
R1387	31	93.9	Choi Yuen Estate	78.1	78.5	78.2	0	68.6	0	0	67.3	0	71	78.9	70	Y	0.4	N	Y	0.7	N	Y
R1387	32	96.6	Choi Yuen Estate	78.0	78.5	78.1	0	68.5	0	0	67.3	0	71	78.8	70	Y	0.3	N	Y	0.7	N	Y
R1387	33	99.3	Choi Yuen Estate	77.9	78.4	78	0	68.5	0	0	67.2	0	70.9	78.7	70	Y	0.3	N	Y	0.7	N	Y
R1387	34	102.0	Choi Yuen Estate	77.8	78.3	77.9	0	68.4	0	0	67.1	0	70.8	78.6	70	Y	0.3	N	Y	0.7	N	Y
R1387	35	104.7	Choi Yuen Estate	77.7	78.2	77.8	0	68.3	0	0	67.1	0	70.8	78.6	70	Y	0.4	N	Y	0.8	N	Y
R1388	1	13.2	Choi Yuen Estate	70.8	71.1	71.2	0	0	0	0	0	0	0	71.2	70	Y	0.1	N	N	0.0	N	N
R1388	2	15.9	Choi Yuen Estate	71.4	71.7	71.9	0	0	0	0	0	0	0	71.9	70	Y	0.2	N	N	0.0	N	N
R1388	3	18.6	Choi Yuen Estate	72.2	72.6	72.7	0	0	0	0	0	0	0	72.7	70	Y	0.1	N	N	0.0	N	N
R1388	4	21.3	Choi Yuen Estate	73.2	73.6	73.7	0	0	0	0	0	0	0	73.7	70	Y	0.1	N	N	0.0	N	N
R1388	5	24.0	Choi Yuen Estate	74.4	74.9	74.9	0	0	0	0	0	0	0	74.9	70	Y	0.0	N	N	0.0	N	N
R1388	6	26.7	Choi Yuen Estate	75.6	76.2	76.2	0	0	0	0	0	0	0	76.2	70	Y	0.0	N	N	0.0	N	N
R1388	7	29.4	Choi Yuen Estate	76.8	77.4	77.2	0	0	0	0	0	0	0	77.2	70	Y	-0.2	N	N	0.0	N	N
R1388	8	32.1	Choi Yuen Estate	77.8	78.4	78.4	0	0	0	0	0	0	0	78.4	70	Y	0.0	N	N	0.0	N	N
R1388	9	34.8	Choi Yuen Estate	78.4	79.0	79.2	0	0	0	0	0	0	0	79.2	70	Y	0.2	N	N	0.0	N	N
R1388	10	37.5	Choi Yuen Estate	78.8	79.4	79.8	0	0	0	0	0	0	0	79.8	70	Y	0.4	N	N	0.0	N	N
R1388	11	40.2	Choi Yuen Estate	79.4	79.9	80.5	0	0	0	0	0	0	0	80.5	70	Y	0.6	N	N	0.0	N	N
R1388	12	42.9	Choi Yuen Estate	79.6	80.1	80.6	0	0	0	0	0	0	0	80.6	70	Y	0.5	N	N	0.0	N	N
R1388	13	45.6	Choi Yuen Estate	80.0	80.5	81	0	0	0	0	0	0	0	81	70	Y	0.5	N	N	0.0	N	N
R1388	14	48.3	Choi Yuen Estate	80.3	80.8	81.3	0	0	0	0	0	0	0	81.3	70	Y	0.5	N	N	0.0	N	N
R1388	15	51.0	Choi Yuen Estate	80.4	80.9	81.5	0	0	0	0	0	0	0	81.5	70	Y	0.6	N	N	0.0	N	N
R1388	16	53.7	Choi Yuen Estate	80.5	81.0	81.6	0	0	0	0	0	0	0	81.6	70	Y	0.6	N	N	0.0	N	N
R1388	17	56.4	Choi Yuen Estate	80.5	81.0	81.6	0	0	0	0	0	0	0	81.6	70	Y	0.6	N	N	0.0	N	N
R1388	18	59.1	Choi Yuen Estate	80.5	80.9	81.5	0	0	0	0	0	0	0	81.5	70	Y	0.6	N	N	0.0	N	N
R1388	19	61.8	Choi Yuen Estate	80.4	80.9	81.5	0	0	0	0	0	0	0	81.5	70	Y	0.6	N	N	0.0	N	N
R1388	20	64.5	Choi Yuen Estate	80.4	80.8	81.4	0	0	0	0	0	0	0	81.4	70	Y	0.6	N	N	0.0	N	N
R1388	21	67.2	Choi Yuen Estate	80.3	80.7	81.3	0	0	0	0	0	0	0	81.3	70	Y	0.6	N	N	0.0	N	N
R1388	22	69.9	Choi Yuen Estate	80.1	80.6	81.2	0	0	0	0	0	0	0	81.2	70	Y	0.6	N	N	0.0	N	N
R1388	23	72.6	Choi Yuen Estate	80.1	80.6	81.1	0	0	0	0	0	0	0	81.1	70	Y	0.5	N	N	0.0	N	N
R1388	24	75.3	Choi Yuen Estate	79.9	80.4	81	0	0	0	0	0	0	0	81	70	Y	0.6	N	N	0.0	N	N
R1388	25	78.0	Choi Yuen Estate	79.9	80.4	80.9	0	0	0	0	0	0	0	80.9	70	Y	0.5	N	N	0.0	N	N
R1388	26	80.7	Choi Yuen Estate	79.7	80.2	80.8	0	0	0	0	0	0	0	80.8	70	Y	0.6	N	N	0.0	N	N
R1388	27	83.4	Choi Yuen Estate	79.6	80.1	80.7	0	0	0	0	0	0	0	80.7	70	Y	0.6	N	N	0.0	N	N
R1388	28	86.1	Choi Yuen Estate	79.5	80.0	80.6	0	0	0	0	0	0	0	80.6	70	Y	0.6	N	N	0.0	N	N
R1388	29	88.8	Choi Yuen Estate	79.4	79.9	80.5	0	0	0	0	0	0	0	80.5	70	Y	0.6	N	N	0.0	N	N
R1388	30	91.5	Choi Yuen Estate	79.3	79.8	80.4	0	0	0	0	0	0	0	80.4	70	Y	0.6	N	N	0.0	N	N
R1388	31	94.2	Choi Yuen Estate	79.2	79.7	80.3	0	0	0	0	0	0	0	80.3	70	Y	0.6	N	N	0.0	N	N
R1388	32	96.9	Choi Yuen Estate	79.1	79.6	80.2	0	0	0	0	0	0	0	80.2	70	Y	0.6	N	N	0.0	N	N
R1388	33	99.6	Choi Yuen Estate	79.0	79.5	80.1	0	0	0	0	0	0	0	80.1	70	Y	0.6	N	N	0.0	N	N
R1388	34	102.3	Choi Yuen Estate	78.9	79.4	80	0	0	0	0	0	0	0	80	70	Y	0.6	N	N	0.0	N	N
R1388	35	105.0	Choi Yuen Estate	78.8	79.3	79.9	0	0	0	0	0	0	0	79.9	70	Y	0.6	N	N	0.0	N	N
R1401	1	10.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	69.8	70.2	69.6	0	56.2	0	0	52.6	0	57.8	69.9	65	Y	-0.3	N	N	0.3	N	N
R1401	2	14.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.7	73.2	71.7	0	61.2	0	0	60.8	0	64	72.4	65	Y	-0.8	N	N	0.7	N	N
R1402	1	10.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.4	71.8	71.1	0	57.5	0	0	0	0	57.5	71.3	65	Y	-0.5	N	N	0.2	N	N
R1402	2	14.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.1	73.4	72.4	0	60.1	0	0	0	0	60.1	72.7	65	Y	-0.7	N	N	0.3	N	N
R1403	1	10.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	68.4	68.6	67.6	0	53.3	0	0	50.3	0	55.1	67.8	55	Y	-0.8	N	N	0.2	N	N
R1403	2	13.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	69.2	69.5	68.4	0	56	0	0	53.4	0	57.9	68.7	55	Y	-0.8	N	Y	0.3	N	Y
R1403	3	16.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	70.2	70.6	69.2	0	57.8	0	0	57.1	0	60.5	69.8	55	Y	-0.8	N	Y	0.6	N	Y
R1403	4	19.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.0	71.4	69.8	0	58.6	0	0	60	0	62.4	70.5	55	Y	-0.9	N	Y	0.7	N	Y
R1403	5	22.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.5	71.9	70.2	0	58.9	0	0	61	0	63.1	71	55	Y	-0.9	N	Y	0.8	N	Y
R1403	6	25.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.9	72.3	70.8	0	59.1	0	0	61.7	0	63.6	71.5	55	Y	-0.8	N	Y	0.7	N	Y
R1404	1	14.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	70.1	70.3	69.5	0	55.1	0	0	54.7	0	57.9	69.8	70	N	-0.5	N	N	0.3	N	N
R1404	2	17.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	70.5	70.8	70.1	0	55.2	0	0	55	0	58.1	70.4	70	N	-0.4	N	N	0.3	N	N
R1404	3	19.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	70.9	71.2	70.8	0	55.2	0	0	55.2	0	58.2	71	70	Y	-0.2	N	N	0.2	N	N
R1404	4	22.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.4	71.7	71.3	0	55.2	0	0	55.3	0	58.3	71.5	70	Y	-0.2	N	N	0.2	N	N
R1404	5	25.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.8	72.1	71.9	0	55.3	0	0	55.3	0	58.3	72.1	70	Y	0.0	N	N	0.2	N	N
R1404	6	28.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.3	72.6	72.5	0	55.3	0	0	55.3	0	58.3	72.7	70	Y	0.1	N	N	0.2	N	N
R1404	7	30.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.8	73.2	73.2	0	55.3	0	0	55.3	0	58.3	73.3	70	Y	0.1	N	N	0.1	N	N
R1404	8	33.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.5	73.9	73.9	0	55.3	0	0	55.3	0	58.3	74	70	Y	0.1	N	N	0.1	N	N
R1404	9	36.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	74.0	74.4	74.5	0	55.4	0	0	55.2	0	58.3	74.6	70	Y	0.2	N	N	0.1	N	N
R1404	10	38.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	74.7	75.1	75.3	0	55.4	0	0	55.2	0	58.3	75.4	70	Y	0.3	N	N	0.1	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT									Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	*NEW ROADS* PD	DD	OTHER	EX	TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	*dB(A)*					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required[2,3] (Y/N)
R1404	11	41.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	75.2	75.6	75.9	0	55.5	0	0	55.2	0	58.4	76	70	Y	0.4	N	N	0.1	N	N
R1404	12	44.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	75.6	76.0	76.3	0	55.6	0	0	55.2	0	58.4	76.4	70	Y	0.4	N	N	0.1	N	N
R1404	13	46.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	75.8	76.2	76.6	0	55.8	0	0	55.2	0	58.5	76.6	70	Y	0.4	N	N	0.0	N	N
R1404	14	49.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.0	76.4	76.8	0	55.9	0	0	55.2	0	58.6	76.8	70	Y	0.4	N	N	0.0	N	N
R1404	15	52.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.1	76.5	77	0	56	0	0	55.2	0	58.6	77	70	Y	0.5	N	N	0.0	N	N
R1404	16	55.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.2	76.6	77	0	56.1	0	0	55.2	0	58.7	77.1	70	Y	0.5	N	N	0.1	N	N
R1404	17	57.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.3	76.7	77.1	0	56.2	0	0	55.2	0	58.7	77.2	70	Y	0.5	N	N	0.1	N	N
R1404	18	60.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.3	76.7	77.1	0	56.3	0	0	55.2	0	58.8	77.2	70	Y	0.5	N	N	0.1	N	N
R1404	19	63.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.4	76.8	77.2	0	56.3	0	0	55.2	0	58.8	77.3	70	Y	0.5	N	N	0.1	N	N
R1404	20	65.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.4	76.8	77.2	0	56.4	0	0	55.2	0	58.8	77.3	70	Y	0.5	N	N	0.1	N	N
R1404	21	68.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.5	76.9	77.3	0	56.4	0	0	55.2	0	58.8	77.4	70	Y	0.5	N	N	0.1	N	N
R1404	22	71.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.6	77.0	77.4	0	56.4	0	0	55.1	0	58.8	77.4	70	Y	0.4	N	N	0.0	N	N
R1404	23	73.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.5	76.9	77.4	0	56.4	0	0	55.1	0	58.8	77.5	70	Y	0.6	N	N	0.1	N	N
R1404	24	76.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.5	77.0	77.4	0	56.4	0	0	55.1	0	58.8	77.5	70	Y	0.5	N	N	0.1	N	N
R1404	25	79.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.6	77.0	77.4	0	56.4	0	0	55.1	0	58.8	77.4	70	Y	0.4	N	N	0.0	N	N
R1404	26	82.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.7	77.1	77.5	0	56.4	0	0	55.1	0	58.8	77.6	70	Y	0.5	N	N	0.1	N	N
R1404	27	84.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.7	77.2	77.6	0	56.4	0	0	55.1	0	58.8	77.6	70	Y	0.4	N	N	0.0	N	N
R1404	28	87.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.8	77.2	77.6	0	56.4	0	0	55.1	0	58.8	77.7	70	Y	0.5	N	N	0.1	N	N
R1404	29	90.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.8	77.3	77.7	0	56.4	0	0	55.1	0	58.8	77.8	70	Y	0.5	N	N	0.1	N	N
R1404	30	92.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.9	77.3	77.7	0	56.4	0	0	55	0	58.8	77.8	70	Y	0.5	N	N	0.1	N	N
R1405	1	14.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.8	72.9	73	0	0	0	0	0	0	0	73	70	Y	0.1	N	N	0.0	N	N
R1405	2	17.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.9	73.0	73.2	0	0	0	0	0	0	0	73.2	70	Y	0.2	N	N	0.0	N	N
R1405	3	19.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.1	73.2	73.4	0	0	0	0	0	0	0	73.4	70	Y	0.2	N	N	0.0	N	N
R1405	4	22.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.3	73.4	73.6	0	0	0	0	0	0	0	73.6	70	Y	0.2	N	N	0.0	N	N
R1405	5	25.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.6	73.7	73.9	0	0	0	0	0	0	0	73.9	70	Y	0.2	N	N	0.0	N	N
R1405	6	28.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.9	74.1	74.4	0	0	0	0	0	0	0	74.4	70	Y	0.3	N	N	0.0	N	N
R1405	7	30.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	74.5	74.7	75	0	0	0	0	0	0	0	75	70	Y	0.3	N	N	0.0	N	N
R1405	8	33.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	75.0	75.2	75.5	0	0	0	0	0	0	0	75.5	70	Y	0.3	N	N	0.0	N	N
R1405	9	36.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	75.7	75.9	76.2	0	0	0	0	0	0	0	76.2	70	Y	0.3	N	N	0.0	N	N
R1405	10	38.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.2	76.5	76.9	0	0	0	0	0	0	0	76.9	70	Y	0.4	N	N	0.0	N	N
R1405	11	41.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.6	76.9	77.3	0	0	0	0	0	0	0	77.3	70	Y	0.4	N	N	0.0	N	N
R1405	12	44.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	76.9	77.1	77.5	0	0	0	0	0	0	0	77.5	70	Y	0.4	N	N	0.0	N	N
R1405	13	46.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.0	77.3	77.7	0	0	0	0	0	0	0	77.7	70	Y	0.4	N	N	0.0	N	N
R1405	14	49.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.2	77.4	77.9	0	0	0	0	0	0	0	77.9	70	Y	0.5	N	N	0.0	N	N
R1405	15	52.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.2	77.5	77.9	0	0	0	0	0	0	0	77.9	70	Y	0.4	N	N	0.0	N	N
R1405	16	55.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.3	77.6	78.1	0	0	0	0	0	0	0	78.1	70	Y	0.5	N	N	0.0	N	N
R1405	17	57.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.4	77.7	78.1	0	0	0	0	0	0	0	78.1	70	Y	0.4	N	N	0.0	N	N
R1405	18	60.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.4	77.7	78.2	0	0	0	0	0	0	0	78.2	70	Y	0.5	N	N	0.0	N	N
R1405	19	63.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.6	77.9	78.3	0	0	0	0	0	0	0	78.3	70	Y	0.4	N	N	0.0	N	N
R1405	20	65.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.5	77.9	78.3	0	0	0	0	0	0	0	78.3	70	Y	0.4	N	N	0.0	N	N
R1405	21	68.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.5	77.9	78.3	0	0	0	0	0	0	0	78.3	70	Y	0.4	N	N	0.0	N	N
R1405	22	71.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.6	78.0	78.5	0	0	0	0	0	0	0	78.5	70	Y	0.5	N	N	0.0	N	N
R1405	23	73.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.7	78.1	78.5	0	0	0	0	0	0	0	78.5	70	Y	0.4	N	N	0.0	N	N
R1405	24	76.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.8	78.2	78.6	0	0	0	0	0	0	0	78.6	70	Y	0.4	N	N	0.0	N	N
R1405	25	79.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.8	78.3	78.6	0	0	0	0	0	0	0	78.6	70	Y	0.3	N	N	0.0	N	N
R1405	26	82.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.9	78.3	78.7	0	0	0	0	0	0	0	78.7	70	Y	0.4	N	N	0.0	N	N
R1405	27	84.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.9	78.3	78.7	0	0	0	0	0	0	0	78.7	70	Y	0.4	N	N	0.0	N	N
R1405	28	87.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.8	78.3	78.7	0	0	0	0	0	0	0	78.7	70	Y	0.4	N	N	0.0	N	N
R1405	29	90.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.9	78.3	78.7	0	0	0	0	0	0	0	78.7	70	Y	0.4	N	N	0.0	N	N
R1405	30	92.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	77.8	78.3	78.7	0	0	0	0	0	0	0	78.7	70	Y	0.4	N	N	0.0	N	N
R1406	1	14.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	74.1	74.1	74.3	0	0	0	0	0	0	0	74.3	70	Y	0.2	N	N	0.0	N	N
R1406	2	17.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.9	74.0	74.1	0	0	0	0	0	0	0	74.1	70	Y	0.1	N	N	0.0	N	N
R1406	3	19.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.8	73.9	74	0	0	0	0	0	0	0	74	70	Y	0.1	N	N	0.0	N	N
R1406	4	22.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.6	73.7	73.8	0	0	0	0	0	0	0	73.8	70	Y	0.1	N	N	0.0	N	N
R1406	5	25.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.4	73.5	73.7	0	0	0	0	0	0	0	73.7	70	Y	0.2	N	N	0.0	N	N
R1406	6	28.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.3	73.4	73.5	0	0	0	0	0	0	0	73.5	70	Y	0.1	N	N	0.0	N	N
R1406	7	30.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	73.1	73.2	73.4	0	0	0	0	0	0	0	73.4	70	Y	0.2	N	N	0.0	N	N
R1406	8	33.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.9	73.1	73.2	0	0	0	0	0	0	0	73.2	70	Y	0.1	N	N	0.0	N	N
R1406	9	36.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.8	72.9	73	0	0	0	0	0	0	0	73	70	Y	0.1	N	N	0.0	N	N
R1406	10	38.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.6	72.8	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.1	N	N	0.0	N	N
R1406	11	41.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.5	72.6	72.8	0	0	0	0	0	0	0	72.8	70	Y	0.2	N	N	0.0	N	N
R1406	12	44.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.4	72.5	72.7	0	0	0	0	0	0	0	72.7	70	Y	0.2	N	N	0.0	N	N
R1406	13	46.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.3	72.4	72.6	0	0	0	0	0	0	0	72.6	70	Y	0.2	N	N	0.0	N	N
R1406	14	49.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.1	72.3	72.5	0	0	0	0	0	0	0	72.5	70	Y	0.2	N	N	0.0	N	N
R1406	15	52.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	16	55.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	17	57.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	18	60.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.9	72.1	72.3	0	0	0	0	0	0	0	72.3	70	Y	0.2	N	N	0.0	N	N
R1406	19	63.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.9	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	20	65.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	71.9	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	21	68.5	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.2	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.2	N	N	0.0	N	N
R1406	22	71.2	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.2	72.5	0	0	0	0	0	0	0	72.5	70	Y	0.3	N	N	0.0	N	N
R1406	23	73.9	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.0	72.3	72.5	0	0	0	0	0	0	0	72.5	70	Y	0.2	N	N	0.0	N	N
R1406	24	76.6	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.1	72.4	72.6	0	0	0	0	0	0	0	72.6	70	Y	0.2	N	N	0.0	N	N
R1406	25	79.3	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.2	72.5	72.7	0	0	0	0	0	0	0	72.7	70	Y	0.2	N	N	0.0	N	N
R1406	26	82.0	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.3	72.6	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.3	N	N	0.0	N	N
R1406	27	84.7	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.4	72.6	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.3	N	N	0.0	N	N
R1406	28	87.4	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.5	72.7	73	0	0	0	0	0	0	0	73	70	Y	0.3	N	N	0.0	N	N
R1406	29	90.1	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.5	72.8	73.1	0	0	0	0	0	0	0	73.1	70	Y	0.3	N	N	0.0	N	N
R1406	30	92.8	Buddhish Li Chong Yuet Ming Nursing Home for the Elderly, Mother of Christ Church, Tai Ping Estate	72.6	72.9	73.2	0	0	0	0	0	0	0	73.2	70	Y	0.3	N	N	0.0	N	N
R1421	1	6.1	Village Houses near Hing Yan Tsuen	69.4	69.8	65.6	0	56.7	0	0	0	0	56.7	66.1	70	N	-3.7	N	N	0.5	N	N
R1421	2	9.1	Village Houses near Hing Yan Tsuen	70.5	70.9	67	0	63.5	0	0	0	0	63.5	68.6	70	N	-2.3	N	N	1.6	Y	N
R1421	3	12.1	Village Houses near Hing Yan Tsuen	73.1	73.5	70.6	0	68.8	0	0	0	0	68.8	72.8	70	Y	-0.7	N	N	2.2	Y	Y
R1422	1	6.1	Village Houses near Hing Yan Tsuen	69.3	69.7	67.4	0	56.7	0	3	0	0	56.7	67.7	70	N	-2.0	N	N	0.3	N	N
R1422	2	9.1	Village Houses near Hing Yan Tsuen	70.3	70.7	68	0	63.3	0	3.3	0	0	63.3	69.3	70	N	-1.4	N	N	1.3	Y	N
R1422	3	12.1	Village Houses near Hing Yan Tsuen	72.4	72.8	69.9	0	68.3	0	3.6	0	0	68.3	72.2	70	Y	-0.6	N	N	2.3	Y	Y
R1441	1	8.0	San Fung Avenue	79.2	79.2	79.3	0	63.9	40.3	0	55	0	64.4	79.5	70	Y	0.3	N	N	0.2	N	N
R1441	2	11.0	San Fung Avenue	78.9	78.9	79	0	63.9	40.3	0	55.2	0	64.5	79.2	70	Y	0.3	N	N	0.2	N	N
R1442	1	8.0	San Fung Avenue	74.6	74.6	75.6	0	0	0	21.8	0	0	21.8	75.6	70	Y	1.0	N	N	0.0	N	N
R1442	2	11.0	San Fung Avenue	74.3	74.3	75.3	0	0	0	23.1	0	0	23.1	75.3	70	Y	1.0	N	N	0.0	N	N
R1442	3	14.0	San Fung Avenue	73.6	73.6	74.6	0	0	0	24.7	0	0	24.7	74.6	70	Y	1.0	N	N	0.0	N	N
R1442	4	17.0	San Fung Avenue	72.9	73.0	73.9	0	0	0	26.1	0	0	26.1	73.9	70	Y	0.9	N	N	0.0	N	N
R1442	5	20.0	San Fung Avenue	72.2	72.3	73.2	0	0	0	27.6	0	0	27.6	73.2	70	Y	0.9	N	N	0.0	N	N
R1442	6	23.0	San Fung Avenue	71.6	71.7	72.5	0	0	0	29.1	0	0	29.1	72.5	70	Y	0.8	N	N	0.0	N	N
R1461	1	7.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	77.7	78.5	77.9	0	33.8	0	8.7	0	0	33.9	77.9	70	Y	-0.6	N	N	0.0	N	N
R1461	2	10.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	77.4	78.2	77.6	0	36.6	0	8.7	0	0	36.6	77.6	70	Y	-0.6	N	N	0.0	N	N
R1461	3	13.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	77.0	77.8	77.2	0	39.7	0	8.7	0	0	39.7	77.2	70	Y	-0.6	N	N	0.0	N	N
R1466	1	7.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	74.9	75.7	75.1	0	33.3	0	6.8	0	0	33.3	75.1	65	Y	-0.6	N	N	0.0	N	N
R1466	2	10.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	74.8	75.6	75	0	35.3	0	7.3	0	0	35.3	75	65	Y	-0.6	N	N	0.0	N	N
R1467	1	7.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	73.8	74.5	74	0	38.8	0	7.8	0	0	38.8	74	65	Y	-0.5	N	N	0.0	N	N
R1467	2	10.9	Hing Yan Tsuen, Sheung Shui Seventh Day Adventist Church	73.7	74.4	73.9	0	43.2	0	8.3	0	0	43.2	73.9	65	Y	-0.5	N	N	0.0	N	N
R1501	1	13.8	Tsui Lai Garden	69.7	70.4	69.7	0	53.9	0	0	0	0	53.9	69.8	70	N	-0.6	N	N	0.1	N	N
R1501	2	16.8	Tsui Lai Garden	69.6	70.4	69.7	0	53.8	0	0	0	0	53.8	69.8	70	N	-0.6	N	N	0.1	N	N
R1501	3	19.8	Tsui Lai Garden	69.6	70.3	69.6	0	53.7	0	0	0	0	53.7	69.7	70	N	-0.6	N	N	0.1	N	N
R1501	4	22.8	Tsui Lai Garden	69.6	70.3	69.6	0	53.6	0	0	0	0	53.6	69.7	70	N	-0.6	N	N	0.1	N	N
R1501	5	25.8	Tsui Lai Garden	69.5	70.3	69.6	0	53.6	0	0	0	0	53.6	69.7	70	N	-0.6	N	N	0.1	N	N
R1501	6	28.8	Tsui Lai Garden	69.5	70.2	69.5	0	53.5	0	0	0	0	53.5	69.6	70	N	-0.6	N	N	0.1	N	N
R1501	7	31.8	Tsui Lai Garden	69.5	70.2	69.5	0	53.4	0	0	0	0	53.4	69.6	70	N	-0.6	N	N	0.1	N	N
R1501	8	34.8	Tsui Lai Garden	69.5	70.2	69.5	0	53.3	0	0	0	0	53.3	69.6	70	N	-0.6	N	N	0.1	N	N
R1501	9	37.8	Tsui Lai Garden	69.4	70.2	69.5	0	53.3	0	0	0	0	53.3	69.6	70	N	-0.6	N	N	0.1	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS PD	NEW ROADS DD	NEW ROADS OTHER	NEW ROADS EX	NEW ROADS TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance C - A	Check Project Impact Significance D	Check Direct Mitigation B > Criteria	Check Direct Mitigation New Roads Contribution	Check Direct Mitigation E	Mitigation Measures Required[2,3] (Y/N)
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R1501	10	40.8	Tsui Lai Garden	69.4	70.1	69.4	0	53.2	0	0	0	0	53.2	69.5	70	N	-0.6	N	N	0.1	N	N
R1501	11	43.8	Tsui Lai Garden	69.4	70.1	69.4	0	53.1	0	0	0	0	53.1	69.5	70	N	-0.6	N	N	0.1	N	N
R1501	12	46.8	Tsui Lai Garden	69.3	70.1	69.4	0	53	0	0	0	0	53	69.5	70	N	-0.6	N	N	0.1	N	N
R1501	13	49.8	Tsui Lai Garden	69.3	70.0	69.3	0	52.9	0	0	0	0	52.9	69.4	70	N	-0.6	N	N	0.1	N	N
R1501	14	52.8	Tsui Lai Garden	69.2	70.0	69.3	0	52.9	0	0	0	0	52.9	69.4	70	N	-0.6	N	N	0.1	N	N
R1501	15	55.8	Tsui Lai Garden	69.2	69.9	69.2	0	52.8	0	0	0	0	52.8	69.3	70	N	-0.6	N	N	0.1	N	N
R1501	16	58.8	Tsui Lai Garden	69.1	69.8	69.1	0	52.6	0	0	0	0	52.6	69.2	70	N	-0.6	N	N	0.1	N	N
R1501	17	61.8	Tsui Lai Garden	69.0	69.8	69.1	0	52.5	0	0	0	0	52.5	69.2	70	N	-0.6	N	N	0.1	N	N
R1501	18	64.8	Tsui Lai Garden	69.0	69.7	69	0	52.4	0	0	0	0	52.4	69.1	70	N	-0.6	N	N	0.1	N	N
R1501	19	67.8	Tsui Lai Garden	68.9	69.6	68.9	0	52.4	0	0	0	0	52.4	69	70	N	-0.6	N	N	0.1	N	N
R1501	20	70.8	Tsui Lai Garden	68.8	69.5	68.9	0	52.3	0	0	0	0	52.3	68.9	70	N	-0.6	N	N	0.0	N	N
R1501	21	73.8	Tsui Lai Garden	68.7	69.5	68.8	0	52.2	0	0	0	0	52.2	68.9	70	N	-0.6	N	N	0.1	N	N
R1501	22	76.8	Tsui Lai Garden	68.7	69.4	68.7	0	52.1	0	0	0	0	52.1	68.8	70	N	-0.6	N	N	0.1	N	N
R1501	23	79.8	Tsui Lai Garden	68.6	69.3	68.6	0	52	0	0	0	0	52	68.7	70	N	-0.6	N	N	0.1	N	N
R1501	24	82.8	Tsui Lai Garden	68.5	69.2	68.5	0	51.9	0	0	0	0	51.9	68.6	70	N	-0.6	N	N	0.1	N	N
R1501	25	85.8	Tsui Lai Garden	68.4	69.2	68.5	0	51.9	0	0	0	0	51.9	68.6	70	N	-0.6	N	N	0.1	N	N
R1501	26	88.8	Tsui Lai Garden	68.4	69.1	68.4	0	51.8	0	0	0	0	51.8	68.5	70	N	-0.6	N	N	0.1	N	N
R1501	27	91.8	Tsui Lai Garden	68.3	69.0	68.3	0	51.8	0	0	0	0	51.8	68.4	70	N	-0.6	N	N	0.1	N	N
R1501	28	94.8	Tsui Lai Garden	68.2	68.9	68.3	0	51.7	0	0	0	0	51.7	68.3	70	N	-0.6	N	N	0.0	N	N
R1501	29	97.8	Tsui Lai Garden	68.2	68.9	68.2	0	51.6	0	0	0	0	51.6	68.3	70	N	-0.6	N	N	0.1	N	N
R1501	30	100.8	Tsui Lai Garden	68.1	68.8	68.1	0	51.5	0	0	0	0	51.5	68.2	70	N	-0.6	N	N	0.1	N	N
R1502	1	14.1	Tsui Lai Garden	74.3	74.3	74.7	0	46.7	33.7	42.1	0	0	48.2	74.7	70	Y	0.4	N	N	0.0	N	N
R1502	2	17.1	Tsui Lai Garden	74.0	74.0	74.4	0	46.7	36.2	45	0	0	49.2	74.4	70	Y	0.4	N	N	0.0	N	N
R1502	3	20.1	Tsui Lai Garden	73.7	73.7	74.1	0	46.7	38.8	46.9	0	0	50.2	74.1	70	Y	0.4	N	N	0.0	N	N
R1502	4	23.1	Tsui Lai Garden	73.3	73.3	73.7	0	46.7	39.9	47.9	0	0	50.8	73.7	70	Y	0.4	N	N	0.0	N	N
R1502	5	26.1	Tsui Lai Garden	72.9	72.9	73.3	0	46.7	40.3	48.5	0	0	51.1	73.3	70	Y	0.4	N	N	0.0	N	N
R1502	6	29.1	Tsui Lai Garden	72.5	72.5	72.9	0	46.7	40.5	49	0	0	51.4	72.9	70	Y	0.4	N	N	0.0	N	N
R1502	7	32.1	Tsui Lai Garden	72.2	72.2	72.6	0	46.7	40.6	49.4	0	0	51.7	72.6	70	Y	0.4	N	N	0.0	N	N
R1502	8	35.1	Tsui Lai Garden	71.9	71.9	72.2	0	46.7	40.6	49.8	0	0	51.9	72.3	70	Y	0.4	N	N	0.1	N	N
R1502	9	38.1	Tsui Lai Garden	71.5	71.5	71.8	0	46.7	40.6	50.1	0	0	52.1	71.9	70	Y	0.4	N	N	0.1	N	N
R1502	10	41.1	Tsui Lai Garden	71.2	71.2	71.6	0	46.7	40.6	50.4	0	0	52.2	71.6	70	Y	0.4	N	N	0.0	N	N
R1502	11	44.1	Tsui Lai Garden	70.9	70.9	71.3	0	46.7	40.6	50.6	0	0	52.4	71.3	70	Y	0.4	N	N	0.0	N	N
R1502	12	47.1	Tsui Lai Garden	70.6	70.6	71	0	46.7	40.6	50.8	0	0	52.5	71	70	Y	0.4	N	N	0.0	N	N
R1502	13	50.1	Tsui Lai Garden	70.3	70.4	70.7	0	46.7	40.6	51	0	0	52.6	70.8	70	Y	0.4	N	N	0.1	N	N
R1502	14	53.1	Tsui Lai Garden	70.1	70.1	70.4	0	46.7	40.6	51.1	0	0	52.7	70.5	70	Y	0.4	N	N	0.1	N	N
R1502	15	56.1	Tsui Lai Garden	69.9	69.9	70.2	0	46.7	40.6	51.2	0	0	52.8	70.3	70	N	0.4	N	N	0.1	N	N
R1502	16	59.1	Tsui Lai Garden	69.6	69.6	70	0	46.7	40.6	51.3	0	0	52.8	70.1	70	N	0.5	N	N	0.1	N	N
R1502	17	62.1	Tsui Lai Garden	69.4	69.5	69.8	0	46.7	40.5	51.3	0	0	52.8	69.9	70	N	0.4	N	N	0.1	N	N
R1502	18	65.1	Tsui Lai Garden	69.2	69.3	69.6	0	46.7	40.5	51.3	0	0	52.9	69.7	70	N	0.4	N	N	0.1	N	N
R1502	19	68.1	Tsui Lai Garden	69.0	69.0	69.3	0	46.7	40.5	51.4	0	0	52.9	69.4	70	N	0.4	N	N	0.1	N	N
R1502	20	71.1	Tsui Lai Garden	68.8	68.8	69.1	0	46.6	40.5	51.4	0	0	52.9	69.2	70	N	0.4	N	N	0.1	N	N
R1502	21	74.1	Tsui Lai Garden	68.7	68.7	69	0	46.6	40.5	51.4	0	0	52.9	69.1	70	N	0.4	N	N	0.1	N	N
R1502	22	77.1	Tsui Lai Garden	68.5	68.6	68.9	0	46.6	40.5	51.4	0	0	52.9	69	70	N	0.4	N	N	0.1	N	N
R1502	23	80.1	Tsui Lai Garden	68.4	68.4	68.7	0	46.6	40.5	51.4	0	0	52.9	68.8	70	N	0.4	N	N	0.1	N	N
R1502	24	83.1	Tsui Lai Garden	68.2	68.2	68.5	0	46.6	40.5	51.4	0	0	52.9	68.6	70	N	0.4	N	N	0.1	N	N
R1502	25	86.1	Tsui Lai Garden	68.1	68.1	68.4	0	46.6	40.4	51.4	0	0	52.9	68.5	70	N	0.4	N	N	0.1	N	N
R1502	26	89.1	Tsui Lai Garden	67.9	68.0	68.2	0	46.5	40.4	51.4	0	0	52.9	68.4	70	N	0.4	N	N	0.2	N	N
R1502	27	92.1	Tsui Lai Garden	67.8	67.8	68.1	0	46.5	40.4	51.4	0	0	52.9	68.2	70	N	0.4	N	N	0.1	N	N
R1502	28	95.1	Tsui Lai Garden	67.7	67.7	68	0	46.5	40.4	51.4	0	0	52.9	68.1	70	N	0.4	N	N	0.1	N	N
R1502	29	98.1	Tsui Lai Garden	67.5	67.5	67.8	0	46.5	40.4	51.4	0	0	52.9	67.9	70	N	0.4	N	N	0.1	N	N
R1502	30	101.1	Tsui Lai Garden	67.4	67.5	67.7	0	46.5	40.4	51.5	0	0	52.9	67.9	70	N	0.4	N	N	0.2	N	N
R4001	1	10.3	Wing Ning Tsuen	60.9	60.9	54.7	0	60.1	48.5	0	0	0	60.4	61.5	70	N	0.6	N	N	6.8	Y	N
R4001	2	13.3	Wing Ning Tsuen	61.6	61.6	56	0	60.7	50.4	0	0	0	61.1	62.3	70	N	0.7	N	N	6.3	Y	N
R4001	3	16.3	Wing Ning Tsuen	62.1	62.1	56.7	0	61.3	51.1	0	0	0	61.7	62.9	70	N	0.8	N	N	6.2	Y	N
R4002	1	10.3	Wing Ning Tsuen	62.3	62.2	58.5	0	60	48.3	10.1	0	0	60.3	62.5	70	N	0.3	N	N	4.0	Y	N
R4002	2	13.3	Wing Ning Tsuen	63.1	63.1	59.7	0	60.5	50.2	10.1	0	0	60.9	63.3	70	N	0.2	N	N	3.6	Y	N
R4002	3	16.3	Wing Ning Tsuen	63.7	63.6	60.3	0	60.9	51	10.2	0	0	61.4	63.9	70	N	0.3	N	N	3.6	Y	N
R4003	1	10.3	Wing Ning Tsuen	62.2	62.1	58.7	0	59.4	47.6	12.7	0	0	59.7	62.2	70	N	0.1	N	N	3.5	Y	N
R4003	2	13.3	Wing Ning Tsuen	63.0	62.9	59.8	0	59.9	49.4	12.7	0	0	60.2	63	70	N	0.1	N	N	3.2	Y	N
R4003	3	16.3	Wing Ning Tsuen	63.5	63.5	60.4	0	60.3	50.3	12.8	0	0	60.7	63.6	70	N	0.1	N	N	3.2	Y	N
R4021	1	8.1	Wing Ning Wai	61.6	61.6	51.8	0	61.2	46.4	14.6	0	0	61.3	61.8	70	N	0.2	N	N	10.0	Y	N
R4021	2	11.1	Wing Ning Wai	62.5	62.5	53.9	0	61.9	49.7	14.6	0	0	62.2	62.8	70	N	0.3	N	N	8.9	Y	N
R4021	3	14.1	Wing Ning Wai	63.4	63.3	55.3	0	62.6	51.2	14.6	0	0	62.9	63.6	70	N	0.3	N	N	8.3	Y	N
R4022	1	8.1	Wing Ning Wai	63.2	63.2	49.1	0	60.8	21	14.2	0	0	60.8	61.1	70	N	-2.1	N	N	12.0	Y	N
R4022	2	11.1	Wing Ning Wai	64.1	64.0	49.9	0	61.8	21	14.3	0	0	61.8	62.1	70	N	-1.9	N	N	12.2	Y	N
R4022	3	14.1	Wing Ning Wai	65.0	64.9	50.8	0	62.8	21.1	14.4	0	0	62.8	63.1	70	N	-1.8	N	N	12.3	Y	N
R4023	1	8.1	Wing Ning Wai	65.3	65.2	61	0	61.8	22.7	17.2	0	0	61.8	64.5	70	N	-0.7	N	N	3.5	Y	N
R4023	2	11.1	Wing Ning Wai	66.3	66.2	62	0	63.1	22.7	17.3	0	0	63.1	65.6	70	N	-0.6	N	N	3.6	Y	N
R4023	3	14.1	Wing Ning Wai	67.3	67.2	62.9	0	64.2	22.7	17.4	0	0	64.2	66.6	70	N	-0.6	N	N	3.7	Y	N
R4024	1	8.1	Wing Ning Wai	65.5	65.4	60.8	0	62.7	22.2	17.7	0	0	62.7	64.9	70	N	-0.5	N	N	4.1	Y	N
R4024	2	11.1	Wing Ning Wai	66.6	66.5	61.9	0	64	22.2	17.8	0	0	64	66.1	70	N	-0.4	N	N	4.2	Y	N
R4024	3	14.1	Wing Ning Wai	67.6	67.6	62.9	0	65.2	22.3	18	0	0	65.2	67.2	70	N	-0.4	N	N	4.3	Y	N
R4025	1	8.1	Wing Ning Wai	65.9	65.8	62.6	0	63.1	21.7	17	0	0	63.1	65.9	70	N	0.1	N	N	3.3	Y	N
R4025	2	11.1	Wing Ning Wai	67.1	67.0	63.7	0	64.5	21.6	17	0	0	64.5	67.1	70	N	0.1	N	N	3.4	Y	N
R4025	3	14.1	Wing Ning Wai	68.1	68.0	64.6	0	65.7	21.6	17	0	0	65.7	68.2	70	N	0.2	N	N	3.6	Y	N
R4026	1	8.1	Wing Ning Wai	67.5	67.4	66.3	0	62.8	21.2	16.7	0	0	62.8	67.9	70	N	0.5	N	N	1.6	Y	N
R4026	2	11.1	Wing Ning Wai	68.8	68.7	67.4	0	64.1	21.1	16.7	0	0	64.1	69.1	70	N	0.4	N	N	1.7	Y	N
R4026	3	14.1	Wing Ning Wai	69.7	69.6	68.2	0	65.4	21.3	16.7	0	0	65.4	70	70	N	0.4	N	N	1.8	Y	N
R4027	1	8.1	Wing Ning Wai	65.6	65.4	65.9	0	46.2	0	13.2	0	0	46.2	65.9	70	N	0.5	N	N	0.0	N	N
R4027	2	11.1	Wing Ning Wai	66.5	66.3	66.8	0	48.5	0	13.2	0	0	48.5	66.8	70	N	0.5	N	N	0.0	N	N
R4027	3	14.1	Wing Ning Wai	67.2	67.1	67.5	0	50	0	13.2	0	0	50	67.6	70	N	0.5	N	N	0.1	N	N
R4028	1	8.1	Wing Ning Wai	66.5	66.3	66	0	59.3	16.3	11.6	0	0	59.3	66.8	70	N	0.5	N	N	0.8	N	N
R4028	2	11.1	Wing Ning Wai	67.7	67.5	66.8	0	61	16.4	11.6	0	0	61	67.8	70	N	0.3	N	N	1.0	N	N
R4028	3	14.1	Wing Ning Wai	68.6	68.4	67.5	0	62.4	16.5	11.6	0	0	62.4	68.7	70	N	0.3	N	N	1.2	Y	N
R4029	1	8.1	Wing Ning Wai	64.7	64.5	65	0	37.3	0	0	0	0	37.3	65	70	N	0.5	N	N	0.0	N	N
R4029	2	11.1	Wing Ning Wai	65.5	65.3	65.8	0	39	0	0	0	0	39	65.8	70	N	0.5	N	N	0.0	N	N
R4029	3	14.1	Wing Ning Wai	66.2	66.0	66.5	0	40.8	0	0	0	0	40.8	66.5	70	N	0.5	N	N	0.0	N	N
R4041	1	10.1	San Uk Tsuen	70.4	70.2	70.7	0	0	0	0	0	0	0	70.7	70	Y	0.5	N	N	0.0	N	N
R4041	2	13.1	San Uk Tsuen	71.8	71.5	72	0	0	0	0	0	0	0	72	70	Y	0.5	N	N	0.0	N	N
R4041	3	16.1	San Uk Tsuen	72.6	72.4	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.5	N	N	0.0	N	N
R4042	1	10.1	San Uk Tsuen	71.1	70.9	71.3	0	61.2	16.4	0	0	0	61.2	71.7	70	Y	0.8	N	N	0.4	N	N
R4042	2	13.1	San Uk Tsuen	72.5	72.3	72.5	0	62.3	16.5	0	0	0	62.3	72.9	70	Y	0.6	N	N	0.4	N	N
R4042	3	16.1	San Uk Tsuen	73.2	73.0	73.2	0	62.9	16.7	0	0	0	62.9	73.6	70	Y	0.6	N	N	0.4	N	N
R4043	1	10.1	San Uk Tsuen	70.0	69.8	70.3	0	29.7	0	0	0	0	29.7	70.3	70	N	0.5	N	N	0.0	N	N
R4043	2	13.1	San Uk Tsuen	71.2	71.0	71.4	0	30.3	0	0	0	0	30.3	71.4	70	Y	0.4	N	N	0.0	N	N
R4043	3	16.1	San Uk Tsuen	71.9	71.7	72.2	0	31	0	0	0	0	31	72.2	70	Y	0.5	N	N	0.0	N	N
R4044	1	10.1	San Uk Tsuen	70.2	70.1	69.8	0	65.7	38.2	29.4	0	0	65.7	71.3	70	Y	1.2	Y	N	1.5	Y	Y
R4044	2	13.1	San Uk Tsuen	71.5	71.3	70.9	0	66.5	38.3	29.4	0	0	66.5	72.3	70	Y	1.0	N	N	1.4	Y	Y
R4044	3	16.1	San Uk Tsuen	72.1	72.0	71.5	0	67	38.4	29.4	0	0	67	72.8	70	Y	0.8	N	N	1.3	Y	Y
R4045	1	10.1	San Uk Tsuen	63.4	63.4	59.2	0	65.7	38.4	23	0	0	65.7	66.6	70	N	3.2	Y	N	7.4	Y	N
R4045	2	13.1	San Uk Tsuen	64.7	64.8	59.4	0	66.4	38.4	23.4	0	0	66.4	67.2	70	N	2.4	Y	N	7.8	Y	N
R4045	3	16.1	San Uk Tsuen	65.6	65.6	59.5	0	66.9	38.4	23.7	0	0	66.9	67.6	70	N	2.0	Y	N	8.1	Y	N
R4046	1	10.1	San Uk Tsuen	58.2	59.0	50.1	0	66	37.6	45.1	0	0	66.1	66.2	70	N	7.2	Y	N	16.1	Y	N
R4046	2	13.1	San Uk Tsuen	59.0	59.7	50.1	0	66.3	37.6	45.1	0	0	66.3	66.4	70	N	6.7	Y	N	16.3	Y	N
R4046	3	16.1	San Uk Tsuen	59.6	60.3	50.1	0	66.5	37.6	45.1	0	0	66.6	66.7	70	N	6.4	Y	N	16.6	Y	N
R4047	1	10.1	San Uk Tsuen	59.1	59.6	48.5	0	66.6	36.5	25.9	0	0	66.6	66.6	70	N	7.0	Y	N	18.1	Y	N
R4047	2	13.1	San Uk Tsuen	59.7	60.2	48.5	0	66.9	36.5	26.2	0	0	66.9	66.9	70	N	6.7	Y	N	18.4	Y	N
R4047	3	16.1	San Uk Tsuen	60.3	60.7	48.5	0	67.1	36.5	26.5	0	0	67.1	67.2	70	N	6.5	Y	N	18.7	Y	N
R4063	1	9.1	The Sisters of the Precious Blood Children Village	58.4	58.2	58.5	0	45.6	11.3	11	0	0	45.6	58.7	70	N	0.5	N	N	0.2	N	N
R4063	2	12.1	The Sisters of the Precious Blood Children Village	61.8	61.6	61.9	0	49.2	11.5	11	0	0	49.2	62.1	70	N	0.5	N	N	0.2	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT								Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044			C - A	D	B > Criteria	New Roads Contribution	E	
								PD	DD	OTHER	EX	TR									
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4064	1	9.1	The Sisters of the Precious Blood Children Village	49.1	49.0	45.7	0	52.5	0	34	0	0	52.5	53.4	70	N	4.4	Y	N	7.7	Y	N
R4064	2	12.1	The Sisters of the Precious Blood Children Village	55.1	55.0	50.6	0	58.3	0	40.6	0	0	58.4	59	70	N	4.0	Y	N	8.4	Y	N
R4081	1	9.1	Kan Lung Tsuen	0.0	0.0	0	0	58.3	0	17.9	0	0	58.3	58.3	70	N	58.3	Y	N	58.3	Y	N
R4081	2	12.1	Kan Lung Tsuen	0.0	0.0	0	0	58.6	0	18.2	0	0	58.6	58.6	70	N	58.6	Y	N	58.6	Y	N
R4081	3	15.1	Kan Lung Tsuen	0.0	0.0	0	0	59	0	18.5	0	0	59	59	70	N	59.0	Y	N	59.0	Y	N
R4082	1	9.1	Kan Lung Tsuen	24.7	29.0	2.2	0	60.7	0	51.2	0	0	61.2	61.2	70	N	32.2	Y	N	59.0	Y	N
R4082	2	12.1	Kan Lung Tsuen	26.3	30.6	2.2	0	61.4	0	51.2	0	0	61.8	61.8	70	N	31.2	Y	N	59.6	Y	N
R4082	3	15.1	Kan Lung Tsuen	27.5	31.8	2.2	0	61.9	0	51.2	0	0	62.3	62.3	70	N	30.5	Y	N	60.1	Y	N
R4083	1	9.1	Kan Lung Tsuen	39.4	39.9	14.4	0	60.7	0	51.9	0	0	61.2	61.2	70	N	21.3	Y	N	46.8	Y	N
R4083	2	12.1	Kan Lung Tsuen	40.7	41.2	14.4	0	61.3	0	51.9	0	0	61.8	61.8	70	N	20.6	Y	N	47.4	Y	N
R4083	3	15.1	Kan Lung Tsuen	42.0	42.5	14.4	0	61.9	0	51.9	0	0	62.3	62.3	70	N	19.8	Y	N	47.9	Y	N
R4101	1	9.8	Siu Hang Tsuen	0.0	0.0	0	0	55	0	54.3	0	0	57.6	57.6	70	N	57.6	Y	N	57.6	Y	N
R4101	2	12.8	Siu Hang Tsuen	0.0	0.0	0	0	55.3	0	54.3	0	0	57.9	57.9	70	N	57.9	Y	N	57.9	Y	N
R4101	3	15.8	Siu Hang Tsuen	0.0	0.0	0	0	55.8	0	54.3	0	0	58.1	58.1	70	N	58.1	Y	N	58.1	Y	N
R4102	1	9.8	Siu Hang Tsuen	24.4	24.5	7.1	0	55.7	0	55.2	0	0	58.4	58.4	70	N	33.9	Y	N	51.3	Y	N
R4102	2	12.8	Siu Hang Tsuen	25.1	25.2	7.1	0	56.1	0	55.2	0	0	58.7	58.7	70	N	33.5	Y	N	51.6	Y	N
R4102	3	15.8	Siu Hang Tsuen	25.8	25.9	7.1	0	56.6	0	55.2	0	0	59	59	70	N	33.1	Y	N	51.9	Y	N
R4103	1	9.8	Siu Hang Tsuen	24.6	24.7	7.2	0	55.7	0	54.3	0	0	58	58	70	N	33.3	Y	N	50.8	Y	N
R4103	2	12.8	Siu Hang Tsuen	25.3	25.4	7.2	0	56.1	0	54.3	0	0	58.3	58.3	70	N	32.9	Y	N	51.1	Y	N
R4103	3	15.8	Siu Hang Tsuen	26.1	26.2	7.2	0	56.6	0	54.3	0	0	58.6	58.6	70	N	32.4	Y	N	51.4	Y	N
R4121	1	10.5	Siu Hang San Tsuen	32.4	32.7	9.8	0	56	0	55.5	0	0	58.8	58.8	70	N	26.1	Y	N	49.0	Y	N
R4121	2	13.5	Siu Hang San Tsuen	32.7	33.0	9.8	0	56.6	0	55.5	0	0	59.1	59.1	70	N	26.1	Y	N	49.3	Y	N
R4121	3	16.5	Siu Hang San Tsuen	33.0	33.3	9.8	0	57.4	0	55.5	0	0	59.6	59.6	70	N	26.3	Y	N	49.8	Y	N
R4122	1	10.5	Siu Hang San Tsuen	0.0	0.0	0	0	54.4	0	52.1	0	0	56.4	56.4	70	N	56.4	Y	N	56.4	Y	N
R4122	2	13.5	Siu Hang San Tsuen	0.0	0.0	0	0	55	0	52.1	0	0	56.8	56.8	70	N	56.8	Y	N	56.8	Y	N
R4122	3	16.5	Siu Hang San Tsuen	0.0	0.0	0	0	55.8	0	52.1	0	0	57.3	57.3	70	N	57.3	Y	N	57.3	Y	N
R4123	1	10.5	Siu Hang San Tsuen	34.3	34.5	12.7	0	58.5	0	58.1	0	0	61.3	61.3	70	N	26.8	Y	N	48.6	Y	N
R4123	2	13.5	Siu Hang San Tsuen	34.8	35.0	12.7	0	59.3	0	58.1	0	0	61.8	61.8	70	N	26.8	Y	N	49.1	Y	N
R4123	3	16.5	Siu Hang San Tsuen	35.3	35.5	12.7	0	60.4	0	58.1	0	0	62.4	62.4	70	N	26.9	Y	N	49.7	Y	N
R4124	1	10.5	Siu Hang San Tsuen	34.1	34.4	10.4	0	56.4	0	55.1	0	0	58.8	58.8	70	N	24.4	Y	N	48.4	Y	N
R4124	2	13.5	Siu Hang San Tsuen	34.4	34.7	10.4	0	57.2	0	55.1	0	0	59.3	59.3	70	N	24.6	Y	N	48.9	Y	N
R4124	3	16.5	Siu Hang San Tsuen	34.5	34.8	10.4	0	58.3	0	55.1	0	0	60	60	70	N	25.2	Y	N	49.6	Y	N
R4141	1	7.4	Scattered Village Houses North of Proposed Potential Ecopark	53.2	53.2	50.7	0	57.1	67.4	59.6	0	0	68.4	68.5	70	N	15.3	Y	N	17.8	Y	N
R4141	2	10.4	Scattered Village Houses North of Proposed Potential Ecopark	53.2	53.2	50.7	0	57.9	67.4	59.7	0	0	68.5	68.5	70	N	15.3	Y	N	17.8	Y	N
R4142	1	7.4	Scattered Village Houses North of Proposed Potential Ecopark	52.2	52.2	43.5	0	0	65.5	56.4	0	0	66	66	70	N	13.8	Y	N	22.5	Y	N
R4142	2	10.4	Scattered Village Houses North of Proposed Potential Ecopark	52.2	52.2	43.7	0	0	65.5	56.4	0	0	66	66	70	N	13.8	Y	N	22.3	Y	N
R4143	1	7.4	Scattered Village Houses North of Proposed Potential Ecopark	52.8	52.8	46	0	0	64.8	54.1	0	0	65.1	65.2	70	N	12.4	Y	N	19.2	Y	N
R4143	2	10.4	Scattered Village Houses North of Proposed Potential Ecopark	52.8	52.8	46.1	0	0	64.8	54.1	0	0	65.1	65.2	70	N	12.4	Y	N	19.1	Y	N
R4151	1	6.0	Scattered Village Houses North of Proposed Potential Ecopark	54.2	54.1	48.5	0	61.8	70.8	61.2	0	0	71.8	71.8	70	Y	17.7	Y	Y	23.3	Y	Y
R4151	2	9.0	Scattered Village Houses North of Proposed Potential Ecopark	54.2	54.1	48.5	0	71.2	70.9	62.4	0	0	74.3	74.3	70	Y	20.2	Y	Y	25.8	Y	Y
R4152	1	6.0	Scattered Village Houses North of Proposed Potential Ecopark	49.6	49.9	49.4	0	64.1	66.8	63.4	0	0	69.8	69.8	70	N	19.9	Y	N	20.4	Y	N
R4152	2	9.0	Scattered Village Houses North of Proposed Potential Ecopark	49.7	49.9	49.4	0	73.6	66.8	63.9	0	0	74.8	74.8	70	Y	24.9	Y	Y	25.4	Y	Y
R4153	1	6.0	Scattered Village Houses North of Proposed Potential Ecopark	50.3	50.7	52	0	64.5	59.9	63.4	0	0	67.8	67.9	70	N	17.2	Y	N	15.9	Y	N
R4153	2	9.0	Scattered Village Houses North of Proposed Potential Ecopark	50.3	50.8	52	0	68.1	59.9	63.4	0	0	69.8	69.9	70	N	19.1	Y	N	17.9	Y	N
R4154	1	6.0	Scattered Village Houses North of Proposed Potential Ecopark	42.2	42.6	37.2	0	63.1	56	64.7	0	0	67.3	67.3	70	N	24.7	Y	N	30.1	Y	N
R4154	2	9.0	Scattered Village Houses North of Proposed Potential Ecopark	42.3	42.7	37.5	0	66.4	56	64.7	0	0	68.9	68.9	70	N	26.2	Y	N	31.4	Y	N
R4161	1	10.1	Scattered Village Houses in Sheung Shui Wa Shan	43.5	43.4	48.8	0	0	63.7	56.9	0	0	64.5	64.6	70	N	21.2	Y	N	15.8	Y	N
R4161	2	13.1	Scattered Village Houses in Sheung Shui Wa Shan	43.5	43.4	48.8	0	0	63.7	56.9	0	0	64.5	64.6	70	N	21.2	Y	N	15.8	Y	N
R4161	3	16.1	Scattered Village Houses in Sheung Shui Wa Shan	43.5	43.4	48.8	0	0	63.7	56.8	0	0	64.5	64.6	70	N	21.2	Y	N	15.8	Y	N
R4162	1	10.1	Scattered Village Houses in Sheung Shui Wa Shan	44.0	43.9	54.9	0	0	64.8	58.1	0	0	65.7	66	70	N	22.1	Y	N	11.1	Y	N
R4162	2	13.1	Scattered Village Houses in Sheung Shui Wa Shan	44.0	43.9	54.9	0	0	64.8	58.2	0	0	65.7	66	70	N	22.1	Y	N	11.1	Y	N
R4162	3	16.1	Scattered Village Houses in Sheung Shui Wa Shan	44.0	43.9	54.9	0	0	64.8	58.2	0	0	65.7	66	70	N	22.1	Y	N	11.1	Y	N
R4163	1	10.1	Scattered Village Houses in Sheung Shui Wa Shan	44.0	43.9	57.3	0	0	64.3	57.5	0	0	65.1	65.8	70	N	21.9	Y	N	8.5	Y	N
R4163	2	13.1	Scattered Village Houses in Sheung Shui Wa Shan	44.0	43.9	57.3	0	0	64.3	57.5	0	0	65.1	65.8	70	N	21.9	Y	N	8.5	Y	N
R4163	3	16.1	Scattered Village Houses in Sheung Shui Wa Shan	43.9	43.8	57.2	0	0	64.3	57.5	0	0	65.1	65.8	70	N	22.0	Y	N	8.6	Y	N
R4181	1	11.6	Hung Kiu San Tsuen	72.3	72.2	71.8	0	61.9	61.3	48.2	0	0	64.7	72.6	70	Y	0.4	N	N	0.8	N	N
R4181	2	14.6	Hung Kiu San Tsuen	72.2	72.1	71.7	0	61.9	61.3	48.1	0	0	64.7	72.5	70	Y	0.4	N	N	0.8	N	N
R4181	3	17.6	Hung Kiu San Tsuen	72.1	72.0	71.6	0	61.8	61.4	48.1	0	0	64.7	72.4	70	Y	0.4	N	N	0.8	N	N
R4182	1	11.6	Hung Kiu San Tsuen	76.3	76.2	76.1	0	61.4	55.7	47.6	0	0	62.6	76.3	70	Y	0.1	N	N	0.2	N	N
R4182	2	14.6	Hung Kiu San Tsuen	76.2	76.1	76	0	61.4	55.7	47.5	0	0	62.6	76.2	70	Y	0.1	N	N	0.2	N	N
R4182	3	17.6	Hung Kiu San Tsuen	76.1	75.9	75.8	0	61.3	55.6	47.5	0	0	62.5	76	70	Y	0.1	N	N	0.2	N	N
R4183	1	11.6	Hung Kiu San Tsuen	76.5	76.3	76.3	0	59.7	55.1	46.4	0	0	61.1	76.4	70	Y	0.1	N	N	0.1	N	N
R4183	2	14.6	Hung Kiu San Tsuen	76.4	76.2	76.2	0	59.6	55	46.4	0	0	61.1	76.3	70	Y	0.1	N	N	0.1	N	N
R4183	3	17.6	Hung Kiu San Tsuen	76.2	76.0	76	0	59.6	55	46.4	0	0	61.1	76.2	70	Y	0.2	N	N	0.2	N	N
R4201	1	7.7	Village Houses and Tin Hau Ancient Temple	58.4	58.5	47.1	0	36.2	70.2	55.3	0	0	70.4	70.4	70	N	11.9	Y	N	23.3	Y	N
R4201	2	10.7	Village Houses and Tin Hau Ancient Temple	58.4	58.5	47.1	0	36.7	70.2	55.3	0	0	70.4	70.4	70	N	11.9	Y	N	23.3	Y	N
R4202	1	7.7	Village Houses and Tin Hau Ancient Temple	65.0	64.9	59.5	0	56.1	70.7	53.7	0	0	70.9	71.2	70	Y	6.3	Y	Y	11.7	Y	Y
R4202	2	10.7	Village Houses and Tin Hau Ancient Temple	65.0	64.9	59.6	0	56.1	70.6	53.7	0	0	70.9	71.2	70	Y	6.3	Y	Y	11.6	Y	Y
R4203	1	8.1	Village Houses and Tin Hau Ancient Temple	64.7	64.6	58.2	0	57.8	67.5	51.5	0	0	68	68.4	65	Y	3.8	Y	Y	10.2	Y	Y
R4203	2	12.1	Village Houses and Tin Hau Ancient Temple	64.7	64.6	58.2	0	57.8	67.7	52.3	0	0	68.2	68.6	65	Y	4.0	Y	Y	10.4	Y	Y
R4221	1	21.7	Ancestor of Lui Temple (Tak Yeung Tong)	58.8	58.6	44	0	0	0	55.4	0	0	55.4	55.7	65	N	-2.9	N	N	11.7	Y	N
R4221	2	25.7	Ancestor of Lui Temple (Tak Yeung Tong)	58.5	58.3	44	0	0	0	55.1	0	0	55.1	55.4	65	N	-2.9	N	N	11.4	Y	N
R4241	1	6.8	Man Kok Village	74.7	74.7	70	0	62.7	48.9	54	0	0	63.4	70.9	70	Y	-3.8	N	N	0.9	N	N
R4241	2	9.8	Man Kok Village	74.7	74.7	70	0	62.7	48.9	54	0	0	63.4	70.8	70	Y	-3.9	N	N	0.8	N	N
R4241	3	12.8	Man Kok Village	74.6	74.5	69.9	0	62.7	48.9	54	0	0	63.4	70.7	70	Y	-3.8	N	N	0.8	N	N
R4242	1	6.8	Man Kok Village	74.9	75.2	72.7	0	62.8	48.9	55.8	0	0	63.7	73.2	70	Y	-2.0	N	N	0.5	N	N
R4242	2	9.8	Man Kok Village	74.9	75.1	72.6	0	62.8	48.9	56.1	0	0	63.7	73.2	70	Y	-1.9	N	N	0.6	N	N
R4242	3	12.8	Man Kok Village	74.8	75.0	72.5	0	62.7	48.9	56.8	0	0	63.8	73.1	70	Y	-1.9	N	N	0.6	N	N
R4243	1	6.8	Man Kok Village	75.7	76.2	75.1	0	61.3	47.1	51.4	0	0	61.9	75.3	70	Y	-0.9	N	N	0.2	N	N
R4243	2	9.8	Man Kok Village	75.5	76.0	75	0	61.1	47.1	52.8	0	0	61.9	75.2	70	Y	-0.8	N	N	0.2	N	N
R4243	3	12.8	Man Kok Village	75.3	75.8	74.8	0	60.8	47.1	54.9	0	0	62	75	70	Y	-0.8	N	N	0.2	N	N
R4244	1	6.8	Man Kok Village	72.4	73.1	72.5	0	0	0	41.9	0	0	41.9	72.5	70	Y	-0.6	N	N	0.0	N	N
R4244	2	9.8	Man Kok Village	72.4	73.0	72.5	0	0	0	46.9	0	0	46.9	72.5	70	Y	-0.5	N	N	0.0	N	N
R4244	3	12.8	Man Kok Village	72.2	72.9	72.3	0	0	0	50.6	0	0	50.6	72.3	70	Y	-0.6	N	N	0.0	N	N
R4245	1	6.8	Man Kok Village	72.3	72.9	72.3	0	35.5	26.8	44.9	0	0	45.5	72.3	70	Y	-0.6	N	N	0.0	N	N
R4245	2	9.8	Man Kok Village	72.2	72.8	72.2	0	38.8	30.3	48.9	0	0	49.3	72.3	70	Y	-0.5	N	N	0.1	N	N
R4245	3	12.8	Man Kok Village	72.1	72.8	72.2	0	44	35.3	52.4	0	0	53.1	72.2	70	Y	-0.6	N	N	0.0	N	N
R4246	1	6.8	Man Kok Village	70.6	71.2	70.6	0	0	0	41.5	0	0	41.5	70.6	70	Y	-0.6	N	N	0.0	N	N
R4246	2	9.8	Man Kok Village	70.5	71.2	70.6	0	0	0	45.9	0	0	45.9	70.6	70	Y	-0.6	N	N	0.0	N	N
R4246	3	12.8	Man Kok Village	70.5	71.1	70.6	0	0	0	49.4	0	0	49.4	70.6	70	Y	-0.5	N	N	0.0	N	N
R4261	1	6.8	Fung Kai No. 2 Secondary School	66.1	66.8	66.2	0	32.1	18.2	25.5	0	0	33.1	66.2	65	Y	-0.6	N	N	0.0	N	N
R4261	2	10.8	Fung Kai No. 2 Secondary School	66.5	67.2	66.7	0	35.7	22.2	28.8	0	0	36.7	66.7	65	Y	-0.5	N	N	0.0	N	N
R4262	1	6.8	Fung Kai No. 2 Secondary School	58.2	58.7	57.3	0	46.4	35	54.8	0	0	55.4	59.5	65	N	0.8	N	N	2.2	Y	N
R4262	2	10.8	Fung Kai No. 2 Secondary School	61.7	62.0	59.4	0	53.2	42.2	56.9	0	0	58.6	62	65	N	0.0	N	N	2.6	Y	N
R4281	1	8.2	Tin Ping Shan Tsuen	73.2	73.2	73.6	0	29.3	30.6	35.4	0	0	37.4	73.6	70	Y	0.4	N	N	0.0	N	N
R4281	2	11.2	Tin Ping Shan Tsuen	73.2	73.2	73.6	0	31.3	32.9	36.8	0	0	39.1	73.6	70	Y	0.4	N	N	0.0	N	N
R4281	3	14.2	Tin Ping Shan Tsuen	73.1	73.1	73.5	0	33.7	35.9	38.5	0	0	41.2	73.5	70	Y	0.4	N	N	0.0	N	N
R4282	1	8.2	Tin Ping Shan Tsuen	70.3	70.3	70.6	0	27.5	0	0	0	0	27.5	70.6	70	Y	0.3	N	N	0.0	N	N
R4282	2	11.2	Tin Ping Shan Tsuen	70.2	70.3	70.6	0	28.3	0	0	0	0	28.3	70.6	70	Y	0.3	N	N	0.0	N	N
R4282	3	14.2	Tin Ping Shan Tsuen	70.2	70.2	70.5	0	28.9	0	0	0	0	28.9	70.5	70	Y	0.3	N	N	0.0	N	N
R4283	1	8.2	Tin Ping Shan Tsuen	73.6	73.6	74	0	0	0	12.8	0	0	12.8	74	70	Y	0.4	N	N	0.0	N	N
R4283	2	11.2	Tin Ping Shan Tsuen	73.5	73.5	73.9	0	0	0	12.8	0	0	12.8	73.9	70	Y	0.4	N	N	0.0	N	N
R4283	3	14.2	Tin Ping Shan Tsuen	73.4	73.4	73.8	0	0	0	12.8	0	0	12.8	73.8	70	Y	0.4	N	N	0.0	N	N
R4284	1	8.2	Tin Ping Shan Tsuen	73.5	73.5	73.9	0	0	0	30.1	0	0	30.1	73.9	70	Y	0.4	N	N	0.0	N	N
R4284	2	11.2	Tin Ping Shan Tsuen	73.5	73.5	73.9	0	0	0	31.7	0	0	31.7	73.9	70	Y	0.4	N	N	0.0	N	N
R4284	3	14.2	Tin Ping Shan Tsuen	73.4	73.4	73.8	0	0	0	33.6	0	0	33.6	73.8	70	Y	0.4	N	N	0.0	N	N
R4285	1	8.2	Tin Ping Shan Tsuen	70.2	70.2	70.5	0	46.5	0	26.3	0	0	46.6	70.6	70	Y	0.4	N	N	0.1	N	N
R4285	2	11.2	Tin Ping Shan Tsuen	70.2	70.2	70.5	0	46.6	0	29	0	0	46.7	70.6	70	Y	0.4	N	N	0.1	N	N
R4285	3	14.2	Tin Ping Shan Tsuen	70.1	70.2	70.5	0	46.8	0	33.5	0	0	47	70.5	70	Y	0.3	N	N	0.0	N	N
R4301	1	15.5	Woodland Crest	77.9	77.7	73.9	0	29	39.9	59	0	0	59.1	74.1	70	Y	-3.6	N	N	0.2	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4301	2	18.5	Woodland Crest	77.1	76.8	73.1	0	30.6	40.5	59	0	0	59.1	73.2	70	Y	-3.6	N	N	0.1	N	N
R4301	3	21.5	Woodland Crest	76.4	76.2	72.4	0	32.5	41	59	0	0	59	72.6	70	Y	-3.6	N	N	0.2	N	N
R4301	4	24.5	Woodland Crest	75.8	75.5	71.7	0	34.7	41.5	59	0	0	59	72	70	Y	-3.5	N	N	0.3	N	N
R4301	5	27.5	Woodland Crest	75.2	75.0	71.2	0	37.1	42	58.9	0	0	59	71.5	70	Y	-3.5	N	N	0.3	N	N
R4301	6	30.5	Woodland Crest	74.7	74.4	70.8	0	40.6	42.5	58.9	0	0	59	71.1	70	Y	-3.3	N	N	0.3	N	N
R4301	7	33.5	Woodland Crest	74.3	74.0	70.4	0	44.9	43.1	58.9	0	0	59.1	70.7	70	Y	-3.3	N	N	0.3	N	N
R4301	8	36.5	Woodland Crest	73.9	73.7	70.1	0	47.2	43.9	58.9	0	0	59.3	70.4	70	N	-3.3	N	N	0.3	N	N
R4301	9	39.5	Woodland Crest	73.5	73.2	69.8	0	48	44.9	58.9	0	0	59.4	70.2	70	N	-3.0	N	N	0.4	N	N
R4301	10	42.5	Woodland Crest	73.2	73.0	69.5	0	48.7	46.3	58.8	0	0	59.5	69.9	70	N	-3.1	N	N	0.4	N	N
R4302	1	15.5	Woodland Crest	77.9	77.6	74.1	0	28.5	36.9	57.5	0	0	57.6	74.2	70	Y	-3.4	N	N	0.1	N	N
R4302	2	18.5	Woodland Crest	77.3	77.0	73.4	0	30.1	37.3	57.5	0	0	57.6	73.5	70	Y	-3.5	N	N	0.1	N	N
R4302	3	21.5	Woodland Crest	76.6	76.3	72.7	0	31.8	37.7	57.5	0	0	57.6	72.8	70	Y	-3.5	N	N	0.1	N	N
R4302	4	24.5	Woodland Crest	76.0	75.7	72.1	0	33.8	38.2	57.5	0	0	57.6	72.2	70	Y	-3.5	N	N	0.1	N	N
R4302	5	27.5	Woodland Crest	75.5	75.2	71.6	0	36	38.8	57.5	0	0	57.6	71.8	70	Y	-3.4	N	N	0.2	N	N
R4302	6	30.5	Woodland Crest	75.0	74.8	71.2	0	38.8	39.4	57.5	0	0	57.6	71.4	70	Y	-3.4	N	N	0.2	N	N
R4302	7	33.5	Woodland Crest	74.6	74.3	70.8	0	42.6	40.1	57.5	0	0	57.7	71	70	Y	-3.3	N	N	0.2	N	N
R4302	8	36.5	Woodland Crest	74.2	73.9	70.4	0	46.1	41	57.5	0	0	57.9	70.7	70	Y	-3.2	N	N	0.3	N	N
R4302	9	39.5	Woodland Crest	73.8	73.6	70.1	0	47.3	42	57.5	0	0	58	70.4	70	N	-3.2	N	N	0.3	N	N
R4302	10	42.5	Woodland Crest	73.5	73.2	69.8	0	48	43.3	57.5	0	0	58.1	70.1	70	N	-3.1	N	N	0.3	N	N
R4303	1	15.5	Woodland Crest	77.6	77.3	73.8	0	28.3	31.3	56.4	0	0	56.4	73.9	70	Y	-3.4	N	N	0.1	N	N
R4303	2	18.5	Woodland Crest	77.2	76.9	73.3	0	29.8	32.1	56.4	0	0	56.4	73.4	70	Y	-3.5	N	N	0.1	N	N
R4303	3	21.5	Woodland Crest	76.6	76.4	72.9	0	31.4	32.9	56.4	0	0	56.4	73	70	Y	-3.4	N	N	0.1	N	N
R4303	4	24.5	Woodland Crest	76.2	75.9	72.5	0	33.2	33.6	56.4	0	0	56.4	72.6	70	Y	-3.3	N	N	0.1	N	N
R4303	5	27.5	Woodland Crest	75.7	75.4	72	0	35.3	34.5	56.4	0	0	56.4	72.2	70	Y	-3.2	N	N	0.2	N	N
R4303	6	30.5	Woodland Crest	75.3	75.0	71.6	0	37.6	35.3	56.3	0	0	56.4	71.8	70	Y	-3.2	N	N	0.2	N	N
R4303	7	33.5	Woodland Crest	74.9	74.6	71.3	0	41.3	36.3	56.4	0	0	56.5	71.4	70	Y	-3.2	N	N	0.1	N	N
R4303	8	36.5	Woodland Crest	74.5	74.2	70.9	0	44.9	37.3	56.4	0	0	56.7	71.1	70	Y	-3.1	N	N	0.2	N	N
R4303	9	39.5	Woodland Crest	74.1	73.9	70.6	0	46.8	38.5	56.4	0	0	56.9	70.8	70	Y	-3.1	N	N	0.2	N	N
R4303	10	42.5	Woodland Crest	73.8	73.6	70.3	0	47.7	39.8	56.4	0	0	57	70.5	70	Y	-3.1	N	N	0.2	N	N
R4304	1	15.5	Woodland Crest	77.0	76.8	73.6	0	0	29.7	53.1	0	0	53.2	73.7	70	Y	-3.1	N	N	0.1	N	N
R4304	2	18.5	Woodland Crest	76.6	76.4	73.3	0	0	30.4	53.5	0	0	53.5	73.4	70	Y	-3.0	N	N	0.1	N	N
R4304	3	21.5	Woodland Crest	76.2	76.0	73	0	0	31.1	54.4	0	0	54.4	73.1	70	Y	-2.9	N	N	0.1	N	N
R4304	4	24.5	Woodland Crest	75.8	75.6	72.6	0	0	31.9	54.9	0	0	55	72.7	70	Y	-2.9	N	N	0.1	N	N
R4304	5	27.5	Woodland Crest	75.4	75.2	72.3	0	0	32.7	55.1	0	0	55.1	72.3	70	Y	-2.9	N	N	0.0	N	N
R4304	6	30.5	Woodland Crest	75.0	74.8	72	0	0	33.6	55.2	0	0	55.2	72	70	Y	-2.8	N	N	0.0	N	N
R4304	7	33.5	Woodland Crest	74.7	74.5	71.6	0	0	34.5	55.2	0	0	55.2	71.7	70	Y	-2.8	N	N	0.1	N	N
R4304	8	36.5	Woodland Crest	74.4	74.2	71.4	0	0	35.5	55.2	0	0	55.2	71.5	70	Y	-2.7	N	N	0.1	N	N
R4304	9	39.5	Woodland Crest	74.1	73.9	71.1	0	0	36.6	55.2	0	0	55.3	71.2	70	Y	-2.7	N	N	0.1	N	N
R4304	10	42.5	Woodland Crest	73.8	73.6	70.8	0	0	37.9	55.2	0	0	55.3	71	70	Y	-2.6	N	N	0.2	N	N
R4305	1	15.5	Woodland Crest	75.0	74.9	74.7	0	0	0	0	0	0	0	74.7	70	Y	-0.2	N	N	0.0	N	N
R4305	2	18.5	Woodland Crest	74.7	74.7	74.4	0	0	0	0	0	0	0	74.4	70	Y	-0.3	N	N	0.0	N	N
R4305	3	21.5	Woodland Crest	74.4	74.4	74.2	0	0	0	0	0	0	0	74.2	70	Y	-0.2	N	N	0.0	N	N
R4305	4	24.5	Woodland Crest	74.1	74.1	73.8	0	0	0	0	0	0	0	73.8	70	Y	-0.3	N	N	0.0	N	N
R4305	5	27.5	Woodland Crest	73.8	73.8	73.5	0	0	0	0	0	0	0	73.5	70	Y	-0.3	N	N	0.0	N	N
R4305	6	30.5	Woodland Crest	73.5	73.5	73.2	0	0	0	0	0	0	0	73.2	70	Y	-0.3	N	N	0.0	N	N
R4305	7	33.5	Woodland Crest	73.2	73.2	72.9	0	0	0	0	0	0	0	72.9	70	Y	-0.3	N	N	0.0	N	N
R4305	8	36.5	Woodland Crest	72.9	72.9	72.6	0	0	0	0	0	0	0	72.6	70	Y	-0.3	N	N	0.0	N	N
R4305	9	39.5	Woodland Crest	72.7	72.7	72.3	0	0	0	0	0	0	0	72.3	70	Y	-0.4	N	N	0.0	N	N
R4305	10	42.5	Woodland Crest	72.5	72.4	72.1	0	0	0	0	0	0	0	72.1	70	Y	-0.3	N	N	0.0	N	N
R4306	1	15.5	Woodland Crest	68.0	68.0	68.5	0	0	0	48.4	0	0	48.4	68.5	70	N	0.5	N	N	0.0	N	N
R4306	2	18.5	Woodland Crest	67.9	67.9	68.4	0	0	0	48.4	0	0	48.4	68.4	70	N	0.5	N	N	0.0	N	N
R4306	3	21.5	Woodland Crest	67.8	67.7	68.2	0	0	0	48.4	0	0	48.4	68.3	70	N	0.6	N	N	0.1	N	N
R4306	4	24.5	Woodland Crest	67.6	67.6	68.1	0	0	0	48.4	0	0	48.4	68.1	70	N	0.5	N	N	0.0	N	N
R4306	5	27.5	Woodland Crest	67.4	67.4	67.9	0	0	0	48.5	0	0	48.5	68	70	N	0.6	N	N	0.1	N	N
R4306	6	30.5	Woodland Crest	67.3	67.3	67.8	0	0	0	48.5	0	0	48.5	67.8	70	N	0.5	N	N	0.0	N	N
R4306	7	33.5	Woodland Crest	67.1	67.1	67.5	0	0	0	48.5	0	0	48.5	67.6	70	N	0.5	N	N	0.1	N	N
R4306	8	36.5	Woodland Crest	66.9	66.9	67.4	0	0	0	48.5	0	0	48.5	67.4	70	N	0.5	N	N	0.0	N	N
R4306	9	39.5	Woodland Crest	66.7	66.7	67.2	0	0	0	48.5	0	0	48.5	67.3	70	N	0.6	N	N	0.1	N	N
R4306	10	42.5	Woodland Crest	66.5	66.5	67	0	0	0	48.5	0	0	48.5	67.1	70	N	0.6	N	N	0.1	N	N
R4307	1	15.5	Woodland Crest	71.6	71.6	71.9	0	0	0	0	0	0	0	71.9	70	Y	0.3	N	N	0.0	N	N
R4307	2	18.5	Woodland Crest	71.5	71.5	71.8	0	0	0	0	0	0	0	71.8	70	Y	0.3	N	N	0.0	N	N
R4307	3	21.5	Woodland Crest	71.3	71.3	71.6	0	0	0	0	0	0	0	71.6	70	Y	0.3	N	N	0.0	N	N
R4307	4	24.5	Woodland Crest	71.1	71.1	71.4	0	0	0	0	0	0	0	71.4	70	Y	0.3	N	N	0.0	N	N
R4307	5	27.5	Woodland Crest	70.9	70.9	71.2	0	0	0	0	0	0	0	71.2	70	Y	0.3	N	N	0.0	N	N
R4307	6	30.5	Woodland Crest	70.8	70.7	71	0	0	0	0	0	0	0	71	70	Y	0.3	N	N	0.0	N	N
R4307	7	33.5	Woodland Crest	70.5	70.5	70.8	0	0	0	0	0	0	0	70.8	70	Y	0.3	N	N	0.0	N	N
R4307	8	36.5	Woodland Crest	70.3	70.3	70.6	0	0	0	0	0	0	0	70.6	70	Y	0.3	N	N	0.0	N	N
R4307	9	39.5	Woodland Crest	70.1	70.1	70.3	0	0	0	0	0	0	0	70.3	70	N	0.2	N	N	0.0	N	N
R4307	10	42.5	Woodland Crest	69.9	69.9	70.2	0	0	0	0	0	0	0	70.2	70	N	0.3	N	N	0.0	N	N
R4308	1	15.5	Woodland Crest	65.9	65.8	66.3	0	0	0	51.6	0	0	51.6	66.4	70	N	0.6	N	N	0.1	N	N
R4308	2	18.5	Woodland Crest	65.8	65.8	66.2	0	0	0	51.9	0	0	51.9	66.4	70	N	0.6	N	N	0.2	N	N
R4308	3	21.5	Woodland Crest	65.7	65.6	66.1	0	0	0	52.4	0	0	52.4	66.3	70	N	0.7	N	N	0.2	N	N
R4308	4	24.5	Woodland Crest	65.6	65.6	66	0	0	0	53	0	0	53	66.2	70	N	0.6	N	N	0.2	N	N
R4308	5	27.5	Woodland Crest	65.6	65.5	66	0	0	0	53.5	0	0	53.5	66.2	70	N	0.7	N	N	0.2	N	N
R4308	6	30.5	Woodland Crest	65.4	65.4	65.8	0	0	0	53.8	0	0	53.8	66.1	70	N	0.7	N	N	0.3	N	N
R4308	7	33.5	Woodland Crest	65.2	65.2	65.6	0	0	0	54.2	0	0	54.2	65.9	70	N	0.7	N	N	0.3	N	N
R4308	8	36.5	Woodland Crest	65.1	65.0	65.5	0	0	0	54.4	0	0	54.4	65.8	70	N	0.8	N	N	0.3	N	N
R4308	9	39.5	Woodland Crest	65.0	64.9	65.4	0	0	0	54.6	0	0	54.6	65.7	70	N	0.8	N	N	0.3	N	N
R4308	10	42.5	Woodland Crest	64.9	64.8	65.3	0	0	0	54.7	0	0	54.7	65.6	70	N	0.8	N	N	0.3	N	N
R4309	1	15.5	Woodland Crest	63.8	63.8	64.2	0	0	0	53.8	0	0	53.8	64.6	70	N	0.8	N	N	0.4	N	N
R4309	2	18.5	Woodland Crest	63.9	63.8	64.2	0	0	0	54.2	0	0	54.2	64.6	70	N	0.8	N	N	0.4	N	N
R4309	3	21.5	Woodland Crest	63.8	63.7	64.2	0	0	0	54.7	0	0	54.7	64.6	70	N	0.9	N	N	0.4	N	N
R4309	4	24.5	Woodland Crest	63.8	63.7	64.1	0	0	0	55.2	0	0	55.2	64.7	70	N	1.0	N	N	0.6	N	N
R4309	5	27.5	Woodland Crest	63.7	63.7	64.1	0	0	0	55.5	0	0	55.5	64.7	70	N	1.0	N	N	0.6	N	N
R4309	6	30.5	Woodland Crest	63.7	63.6	64	0	0	0	55.8	0	0	55.8	64.6	70	N	1.0	N	N	0.6	N	N
R4309	7	33.5	Woodland Crest	63.6	63.6	64	0	0	0	56	0	0	56	64.6	70	N	1.0	N	N	0.6	N	N
R4309	8	36.5	Woodland Crest	63.5	63.5	63.9	0	0	0	56	0	0	56	64.5	70	N	1.0	N	N	0.6	N	N
R4309	9	39.5	Woodland Crest	63.4	63.4	63.8	0	0	0	56.1	0	0	56.1	64.5	70	N	1.1	Y	N	0.7	N	N
R4309	10	42.5	Woodland Crest	63.4	63.3	63.7	0	0	0	56	0	0	56	64.4	70	N	1.1	Y	N	0.7	N	N
R4310	1	15.5	Woodland Crest	61.8	61.7	62.2	0	0	52.3	56.6	0	0	58	63.6	70	N	1.9	Y	N	1.4	Y	N
R4310	2	18.5	Woodland Crest	61.8	61.7	62.2	0	0	52.3	56.9	0	0	58.2	63.7	70	N	2.0	Y	N	1.5	Y	N
R4310	3	21.5	Woodland Crest	61.8	61.7	62.2	0	0	52.3	57.3	0	0	58.4	63.7	70	N	2.0	Y	N	1.5	Y	N
R4310	4	24.5	Woodland Crest	61.8	61.7	62.2	0	0	52.3	57.5	0	0	58.6	63.8	70	N	2.1	Y	N	1.6	Y	N
R4310	5	27.5	Woodland Crest	61.7	61.7	62.1	0	0	52.3	57.6	0	0	58.7	63.8	70	N	2.1	Y	N	1.7	Y	N
R4310	6	30.5	Woodland Crest	61.7	61.7	62.1	0	0	52.3	57.6	0	0	58.7	63.8	70	N	2.1	Y	N	1.7	Y	N
R4310	7	33.5	Woodland Crest	61.7	61.6	62.1	0	0	52.3	57.6	0	0	58.7	63.7	70	N	2.1	Y	N	1.6	Y	N
R4310	8	36.5	Woodland Crest	61.7	61.6	62.1	0	0	52.3	57.5	0	0	58.7	63.7	70	N	2.1	Y	N	1.6	Y	N
R4310	9	39.5	Woodland Crest	61.6	61.6	62	0	0	52.4	57.4	0	0	58.6	63.6	70	N	2.0	Y	N	1.6	Y	N
R4310	10	42.5	Woodland Crest	61.6	61.5	62	0	0	52.4	57.4	0	0	58.6	63.6	70	N	2.1	Y	N	1.6	Y	N
R4316	1	15.5	Woodland Crest	58.8	58.7	54.7	0	49.1	60.3	62.7	0	0	64.8	65.2	70	N	6.5	Y	N	10.5	Y	N
R4316	2	18.5	Woodland Crest	58.7	58.6	54.8	0	49.5	60.3	62.7	0	0	64.8	65.2	70	N	6.6	Y	N	10.4	Y	N
R4316	3	21.5	Woodland Crest	58.7	58.6	54.7	0	49.9	60.3	62.7	0	0	64.8	65.2	70	N	6.6	Y	N	10.5	Y	N
R4316	4	24.5	Woodland Crest	58.7	58.6	54.7	0	50.3	60.3	62.6	0	0	64.8	65.2	70	N	6.6	Y	N	10.5	Y	N
R4316	5	27.5	Woodland Crest	58.7	58.6	54.7	0	50.5	60.3	62.6	0	0	64.8	65.2	70	N	6.6	Y	N	10.5	Y	N
R4316	6	30.5	Woodland Crest	58.7	58.6	54.7	0	50.9	60.3	62.5	0	0	64.7	65.1	70	N	6.5	Y	N	10.4	Y	N
R4316	7	33.5	Woodland Crest	58.7	58.6	54.8	0	51.1	60.3	62.4	0	0	64.7	65.1	70	N	6.5	Y	N	10.3	Y	N
R4316	8	36.5	Woodland Crest	58.7	58.6	54.8	0	51.4	60.3	62.4	0	0	64.7	65.1	70	N	6.5	Y	N	10.3	Y	N
R4316	9	39.5	Woodland Crest	58.6	58.5	54.7	0	51.5	60.3	62.3	0	0	64.6	65	70	N	6.5	Y	N	10.3	Y	N
R4316	10	42.5	Woodland Crest	58.6	58.5	54.7	0	51.7	60.3	62.2	0	0	64.6	65	70	N	6.5	Y	N	10.3	Y	N
R4317	1	15.5	Woodland Crest	69.6	69.4	65.6	0	29.2	58.2	61	0	0	62.9	67.4	70	N	-2.0	N	N	1.8	Y	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4317	2	18.5	Woodland Crest	69.5	69.3	65.5	0	31	58.3	61	0	0	62.9	67.4	70	N	-1.9	N	N	1.9	Y	N
R4317	3	21.5	Woodland Crest	69.4	69.2	65.3	0	32.9	58.4	61	0	0	62.9	67.3	70	N	-1.9	N	N	2.0	Y	N
R4317	4	24.5	Woodland Crest	69.3	69.1	65.1	0	35	58.5	61	0	0	62.9	67.2	70	N	-1.9	N	N	2.1	Y	N
R4317	5	27.5	Woodland Crest	69.1	68.9	65	0	37.6	58.6	61	0	0	62.9	67.1	70	N	-1.8	N	N	2.1	Y	N
R4317	6	30.5	Woodland Crest	68.9	68.7	64.8	0	41.2	58.6	60.9	0	0	63	67	70	N	-1.7	N	N	2.2	Y	N
R4317	7	33.5	Woodland Crest	68.7	68.5	64.6	0	45.2	58.7	60.9	0	0	63	66.9	70	N	-1.6	N	N	2.3	Y	N
R4317	8	36.5	Woodland Crest	68.5	68.3	64.4	0	47.1	58.7	60.9	0	0	63.1	66.8	70	N	-1.5	N	N	2.4	Y	N
R4317	9	39.5	Woodland Crest	68.3	68.1	64.2	0	48.1	58.8	60.9	0	0	63.2	66.7	70	N	-1.4	N	N	2.5	Y	N
R4317	10	42.5	Woodland Crest	68.1	67.9	63.9	0	48.6	59	60.9	0	0	63.2	66.6	70	N	-1.3	N	N	2.7	Y	N
R4321	1	7.9	On Kwok Villa	62.0	61.8	58.1	0	17.8	52.3	60.5	0	0	61.1	62.9	70	N	1.1	Y	N	4.8	Y	N
R4321	2	10.9	On Kwok Villa	62.0	61.8	58.2	0	19	52.3	60.5	0	0	61.1	62.9	70	N	1.1	Y	N	4.7	Y	N
R4321	3	13.9	On Kwok Villa	62.0	61.8	58.2	0	20.3	52.4	60.5	0	0	61.1	62.9	70	N	1.1	Y	N	4.7	Y	N
R4321	4	16.9	On Kwok Villa	62.0	61.8	58.2	0	21.8	52.4	60.5	0	0	61.1	62.9	70	N	1.1	Y	N	4.7	Y	N
R4322	1	7.9	On Kwok Villa	68.6	68.6	67.2	0	0	0	0	0	0	0	67.2	70	N	-1.4	N	N	0.0	N	N
R4322	2	10.9	On Kwok Villa	68.6	68.6	67.2	0	0	0	0	0	0	0	67.2	70	N	-1.4	N	N	0.0	N	N
R4322	3	13.9	On Kwok Villa	68.6	68.6	67.2	0	0	0	0	0	0	0	67.2	70	N	-1.4	N	N	0.0	N	N
R4322	4	16.9	On Kwok Villa	68.6	68.6	67.2	0	0	0	0	0	0	0	67.2	70	N	-1.4	N	N	0.0	N	N
R4323	1	7.9	On Kwok Villa	70.1	70.0	68.7	0	0	0	0	0	0	0	68.7	70	N	-1.3	N	N	0.0	N	N
R4323	2	10.9	On Kwok Villa	70.1	70.0	68.7	0	0	0	0	0	0	0	68.7	70	N	-1.3	N	N	0.0	N	N
R4323	3	13.9	On Kwok Villa	70.1	70.0	68.7	0	0	0	0	0	0	0	68.7	70	N	-1.3	N	N	0.0	N	N
R4323	4	16.9	On Kwok Villa	70.1	70.0	68.7	0	0	0	0	0	0	0	68.7	70	N	-1.3	N	N	0.0	N	N
R4324	1	7.9	On Kwok Villa	70.7	70.6	69.1	0	0	0	0	0	0	0	69.1	70	N	-1.5	N	N	0.0	N	N
R4324	2	10.9	On Kwok Villa	70.7	70.6	69.1	0	0	0	0	0	0	0	69.1	70	N	-1.5	N	N	0.0	N	N
R4324	3	13.9	On Kwok Villa	70.7	70.6	69.1	0	0	0	0	0	0	0	69.1	70	N	-1.5	N	N	0.0	N	N
R4324	4	16.9	On Kwok Villa	70.7	70.6	69.1	0	0	0	0	0	0	0	69.1	70	N	-1.5	N	N	0.0	N	N
R4326	1	7.9	On Kwok Villa	75.2	75.0	72.1	0	0	0	20.6	0	0	20.6	72.1	70	Y	-2.9	N	N	0.0	N	N
R4326	2	10.9	On Kwok Villa	75.2	75.0	72.1	0	0	0	20.6	0	0	20.6	72.1	70	Y	-2.9	N	N	0.0	N	N
R4326	3	13.9	On Kwok Villa	75.1	74.9	72	0	0	0	20.8	0	0	20.8	72	70	Y	-2.9	N	N	0.0	N	N
R4326	4	16.9	On Kwok Villa	75.0	74.8	71.9	0	0	0	21.2	0	0	21.2	71.9	70	Y	-2.9	N	N	0.0	N	N
R4327	1	7.9	On Kwok Villa	74.6	74.3	70.2	0	0	29.4	52.1	0	0	52.2	70.2	70	N	-4.1	N	N	0.0	N	N
R4327	2	10.9	On Kwok Villa	74.6	74.3	70.3	0	0	31.6	52.3	0	0	52.3	70.3	70	N	-4.0	N	N	0.0	N	N
R4327	3	13.9	On Kwok Villa	74.5	74.2	70.1	0	0	34.5	52.5	0	0	52.5	70.2	70	N	-4.0	N	N	0.1	N	N
R4327	4	16.9	On Kwok Villa	74.3	74.0	69.9	0	0	38.5	52.9	0	0	53	70	70	N	-4.0	N	N	0.1	N	N
R4328	1	7.9	On Kwok Villa	73.1	72.8	69	0	0	47.2	45.8	0	0	49.6	69	70	N	-3.8	N	N	0.0	N	N
R4328	2	10.9	On Kwok Villa	73.1	72.8	69	0	0	47.2	45.8	0	0	49.6	69.1	70	N	-3.7	N	N	0.1	N	N
R4328	3	13.9	On Kwok Villa	73.1	72.8	69	0	0	47.2	45.8	0	0	49.6	69.1	70	N	-3.7	N	N	0.1	N	N
R4328	4	16.9	On Kwok Villa	73.0	72.7	68.9	0	0	47.2	45.8	0	0	49.6	69	70	N	-3.7	N	N	0.1	N	N
R4329	1	7.9	On Kwok Villa	71.5	71.2	67.2	0	0	51.8	59.4	0	0	60.1	68	70	N	-3.2	N	N	0.8	N	N
R4329	2	10.9	On Kwok Villa	71.4	71.2	67.2	0	0	51.8	59.4	0	0	60.1	68	70	N	-3.2	N	N	0.8	N	N
R4329	3	13.9	On Kwok Villa	71.3	71.0	67.1	0	0	51.8	59.4	0	0	60.1	67.9	70	N	-3.1	N	N	0.8	N	N
R4329	4	16.9	On Kwok Villa	71.3	71.0	67	0	0	51.8	59.4	0	0	60.1	67.8	70	N	-3.2	N	N	0.8	N	N
R4341	1	10.4	Good View New Village	64.3	64.7	67.2	0	0	32.5	51.8	0	0	51.9	67.3	70	N	2.6	Y	N	0.1	N	N
R4341	2	13.4	Good View New Village	65.4	65.7	68.2	0	0	37	55.6	0	0	55.7	68.4	70	N	2.7	Y	N	0.2	N	N
R4341	3	16.4	Good View New Village	66.0	66.3	68.8	0	0	39.1	57.1	0	0	57.2	69.1	70	N	2.8	Y	N	0.3	N	N
R4342	1	10.4	Good View New Village	66.3	66.6	69.6	0	0	40.2	55.3	0	0	55.4	69.7	70	N	3.1	Y	N	0.1	N	N
R4342	2	13.4	Good View New Village	68.4	68.6	71.7	0	0	47.6	63.2	0	0	63.3	72.3	70	Y	3.7	Y	N	0.6	N	Y
R4342	3	16.4	Good View New Village	69.1	69.4	72.4	0	0	48.3	63.7	0	0	63.8	73	70	Y	3.6	Y	N	0.6	N	Y
R4343	1	10.4	Good View New Village	65.5	65.7	68.4	0	0	39.8	54.8	0	0	54.9	68.6	70	N	2.9	Y	N	0.2	N	N
R4343	2	13.4	Good View New Village	69.4	69.6	72.2	0	0	48.9	64.5	0	0	64.6	72.9	70	Y	3.3	Y	N	0.7	N	Y
R4343	3	16.4	Good View New Village	70.2	70.4	73.1	0	0	49.5	64.7	0	0	64.8	73.7	70	Y	3.3	Y	N	0.6	N	Y
R4344	1	10.4	Good View New Village	66.2	66.4	68.1	0	0	39.3	56.7	0	0	56.8	68.5	70	N	2.1	Y	N	0.4	N	N
R4344	2	13.4	Good View New Village	70.3	70.6	72.1	0	0	48.2	65.3	0	0	65.4	72.9	70	Y	2.3	Y	N	0.8	N	Y
R4344	3	16.4	Good View New Village	71.1	71.4	72.9	0	0	49.7	66.2	0	0	66.3	73.8	70	Y	2.4	Y	N	0.9	N	Y
R4345	1	10.4	Good View New Village	64.2	64.5	65.6	0	0	20.7	54.8	0	0	54.8	66	70	N	1.5	Y	N	0.4	N	N
R4345	2	13.4	Good View New Village	66.3	66.6	67.5	0	0	21.2	59.2	0	0	59.2	68.1	70	N	1.5	Y	N	0.6	N	N
R4345	3	16.4	Good View New Village	67.2	67.5	68.4	0	0	21.7	61.8	0	0	61.8	69.2	70	N	1.7	Y	N	0.8	N	N
R4346	1	10.4	Good View New Village	64.9	65.1	66.3	0	0	28.8	52.9	0	0	52.9	66.5	70	N	1.4	Y	N	0.2	N	N
R4346	2	13.4	Good View New Village	66.9	67.2	68.1	0	0	33.4	56.2	0	0	56.2	68.4	70	N	1.2	Y	N	0.3	N	N
R4346	3	16.4	Good View New Village	67.8	68.1	68.9	0	0	35.7	58.6	0	0	58.6	69.3	70	N	1.2	Y	N	0.4	N	N
R4361	1	10.8	Scattered Village Houses East of Good View New Village	66.6	66.9	68.1	0	0	17.6	55.6	0	0	55.6	68.3	70	N	1.4	Y	N	0.2	N	N
R4361	2	13.8	Scattered Village Houses East of Good View New Village	68.3	68.6	69.6	0	0	17.6	59.8	0	0	59.8	70	70	N	1.4	Y	N	0.4	N	N
R4361	3	16.8	Scattered Village Houses East of Good View New Village	68.8	69.2	70.1	0	0	17.6	61.1	0	0	61.1	70.6	70	Y	1.4	Y	N	0.5	N	Y
R4381	1	11.6	Wing Fok Centre	68.0	68.6	69.8	0	13.5	13.7	49.5	0	0	49.5	69.9	70	N	1.3	Y	N	0.1	N	N
R4381	2	14.6	Wing Fok Centre	69.1	69.8	71.2	0	13.5	13.7	51.9	0	0	51.9	71.2	70	Y	1.4	Y	N	0.0	N	Y
R4381	3	17.6	Wing Fok Centre	69.4	70.0	71.5	0	13.5	13.7	52.7	0	0	52.7	71.5	70	Y	1.5	Y	N	0.0	N	Y
R4381	4	20.6	Wing Fok Centre	69.4	70.0	71.5	0	13.5	13.7	53.2	0	0	53.2	71.6	70	Y	1.6	Y	N	0.1	N	Y
R4381	5	23.6	Wing Fok Centre	69.3	69.9	71.4	0	13.5	13.7	53.6	0	0	53.6	71.5	70	Y	1.6	Y	N	0.1	N	Y
R4381	6	26.6	Wing Fok Centre	69.1	69.7	71.2	0	13.5	13.7	53.9	0	0	53.9	71.3	70	Y	1.6	Y	N	0.1	N	Y
R4381	7	29.6	Wing Fok Centre	68.9	69.5	71	0	13.5	13.7	54.3	0	0	54.3	71.1	70	Y	1.6	Y	N	0.1	N	Y
R4381	8	32.6	Wing Fok Centre	68.7	69.3	70.8	0	13.5	13.7	54.8	0	0	54.8	70.9	70	Y	1.6	Y	N	0.1	N	Y
R4381	9	35.6	Wing Fok Centre	68.4	69.0	70.6	0	13.5	13.7	55.4	0	0	55.4	70.7	70	Y	1.7	Y	N	0.1	N	Y
R4381	10	38.6	Wing Fok Centre	68.2	68.8	70.4	0	13.5	13.7	56	0	0	56	70.5	70	Y	1.7	Y	N	0.1	N	Y
R4381	11	41.6	Wing Fok Centre	68.0	68.6	70.2	0	13.5	13.6	56.3	0	0	56.3	70.3	70	N	1.7	Y	N	0.1	N	N
R4381	12	44.6	Wing Fok Centre	67.8	68.4	70	0	13.5	13.6	56.5	0	0	56.5	70.2	70	N	1.8	Y	N	0.2	N	N
R4381	13	47.6	Wing Fok Centre	67.6	68.2	69.8	0	13.5	13.6	56.7	0	0	56.7	70	70	N	1.8	Y	N	0.2	N	N
R4381	14	50.6	Wing Fok Centre	67.4	68.0	69.6	0	13.5	13.6	56.8	0	0	56.8	69.8	70	N	1.8	Y	N	0.2	N	N
R4381	15	53.6	Wing Fok Centre	67.2	67.8	69.4	0	13.5	13.6	56.7	0	0	56.7	69.6	70	N	1.8	Y	N	0.2	N	N
R4381	16	56.6	Wing Fok Centre	67.0	67.6	69.2	0	13.5	13.6	56.8	0	0	56.8	69.4	70	N	1.8	Y	N	0.2	N	N
R4381	17	59.6	Wing Fok Centre	66.8	67.4	69	0	13.5	13.6	56.9	0	0	56.9	69.2	70	N	1.8	Y	N	0.2	N	N
R4381	18	62.6	Wing Fok Centre	66.7	67.2	68.8	0	13.4	13.6	56.9	0	0	56.9	69.1	70	N	1.9	Y	N	0.3	N	N
R4381	19	65.6	Wing Fok Centre	66.5	67.1	68.6	0	13.4	13.6	56.9	0	0	56.9	68.9	70	N	1.8	Y	N	0.3	N	N
R4381	20	68.6	Wing Fok Centre	66.4	66.9	68.5	0	13.4	13.6	56.9	0	0	56.9	68.8	70	N	1.9	Y	N	0.3	N	N
R4381	21	71.6	Wing Fok Centre	66.2	66.8	68.3	0	13.4	13.5	57	0	0	57	68.6	70	N	1.8	Y	N	0.3	N	N
R4381	22	74.6	Wing Fok Centre	66.0	66.6	68.1	0	13.4	13.5	57	0	0	57	68.5	70	N	1.9	Y	N	0.4	N	N
R4381	23	77.6	Wing Fok Centre	65.9	66.4	68	0	13.4	13.5	57.1	0	0	57.1	68.3	70	N	1.9	Y	N	0.3	N	N
R4381	24	80.6	Wing Fok Centre	65.8	66.3	67.8	0	13.4	13.5	57	0	0	57	68.2	70	N	1.9	Y	N	0.4	N	N
R4381	25	83.6	Wing Fok Centre	65.6	66.1	67.7	0	13.3	13.5	57	0	0	57	68	70	N	1.9	Y	N	0.3	N	N
R4381	26	86.6	Wing Fok Centre	65.5	66.0	67.6	0	13.5	13.4	57	0	0	57	67.9	70	N	1.9	Y	N	0.3	N	N
R4381	27	89.6	Wing Fok Centre	65.3	65.9	67.4	0	13.6	13.5	57	0	0	57	67.8	70	N	1.9	Y	N	0.4	N	N
R4381	28	92.6	Wing Fok Centre	65.2	65.8	67.3	0	13.9	13.6	57	0	0	57	67.7	70	N	1.9	Y	N	0.4	N	N
R4382	1	11.6	Wing Fok Centre	69.0	69.6	70.3	0	13.8	13	48.9	0	0	48.9	70.3	70	N	0.7	N	N	0.0	N	N
R4382	2	14.6	Wing Fok Centre	69.9	70.5	71.4	0	13.8	13	51.4	0	0	51.4	71.4	70	Y	0.9	N	N	0.0	N	N
R4382	3	17.6	Wing Fok Centre	70.1	70.8	71.7	0	13.8	13	52.6	0	0	52.6	71.8	70	Y	1.0	N	N	0.1	N	N
R4382	4	20.6	Wing Fok Centre	70.1	70.7	71.7	0	13.8	13	53.3	0	0	53.3	71.8	70	Y	1.1	Y	N	0.1	N	Y
R4382	5	23.6	Wing Fok Centre	70.0	70.7	71.6	0	13.8	13	53.7	0	0	53.7	71.7	70	Y	1.0	N	N	0.1	N	N
R4382	6	26.6	Wing Fok Centre	69.8	70.5	71.4	0	13.8	13	53.9	0	0	53.9	71.5	70	Y	1.0	N	N	0.1	N	N
R4382	7	29.6	Wing Fok Centre	69.7	70.3	71.3	0	13.8	13	54.2	0	0	54.2	71.3	70	Y	1.0	N	N	0.0	N	N
R4382	8	32.6	Wing Fok Centre	69.5	70.1	71.1	0	13.7	13	54.4	0	0	54.4	71.2	70	Y	1.1	Y	N	0.1	N	Y
R4382	9	35.6	Wing Fok Centre	69.3	69.9	70.9	0	13.7	13	54.7	0	0	54.7	71	70	Y	1.1	Y	N	0.1	N	Y
R4382	10	38.6	Wing Fok Centre	69.0	69.7	70.6	0	13.7	13	55.1	0	0	55.1	70.7	70	Y	1.0	N	N	0.1	N	N
R4382	11	41.6	Wing Fok Centre	68.9	69.5	70.5	0	13.7	12.9	55.3	0	0	55.3	70.6	70	Y	1.1	Y	N	0.1	N	Y
R4382	12	44.6	Wing Fok Centre	68.7	69.3	70.2	0	13.7	12.9	55.7	0	0	55.7	70.4	70	N	1.1	Y	N	0.2	N	N
R4382	13	47.6	Wing Fok Centre	68.5	69.1	70	0	13.7	12.9	56	0	0	56	70.2	70	N	1.1	Y	N	0.2	N	N
R4382	14	50.6	Wing Fok Centre	68.3	68.9	69.8	0	13.7	12.9	56.2	0	0	56.2	70	70	N	1.1	Y	N	0.2	N	N
R4382	15	53.6	Wing Fok Centre	68.1	68.7	69.6	0	13.7	13	56.4	0	0	56.4	69.8	70	N	1.1	Y	N	0.2	N	N
R4382	16	56.6	Wing Fok Centre	67.9	68.5	69.4	0	13.7	13	56.5	0	0	56.5	69.7	70	N	1.2	Y	N	0.3	N	N
R4382	17	59.6	Wing Fok Centre	67.7	68.3	69.3	0	13.7	13	56.6	0	0	56.6	69.5	70	N	1.2	Y	N	0.2	N	N
R4382	18	62.6	Wing Fok Centre	67.5	68.2	69.1	0	13.6	13	56.7	0	0	56.7	69.3	70	N	1.1	Y	N	0.2	N	N
R4382	19	65.6	Wing Fok Centre	67.4	68.0	68.9	0	13.6	13.2	56.7	0	0	56.7	69.1	70	N	1.1	Y	N	0.2	N	N
R4382	20	68.6	Wing Fok Centre	67.2	67.8	68.7	0	13.6	13.2	56.9	0	0	56.9	69	70	N	1.2	Y	N	0.3	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4382	21	71.6	Wing Fok Centre	67.1	67.7	68.6	0	13.6	13.1	56.9	0	0	56.9	68.8	70	N	1.1	Y	N	0.2	N	N
R4382	22	74.6	Wing Fok Centre	66.9	67.5	68.4	0	13.6	13.3	57	0	0	57	68.7	70	N	1.2	Y	N	0.3	N	N
R4382	23	77.6	Wing Fok Centre	66.7	67.3	68.2	0	13.6	13.5	57	0	0	57	68.5	70	N	1.2	Y	N	0.3	N	N
R4382	24	80.6	Wing Fok Centre	66.6	67.2	68.1	0	13.6	13.6	56.9	0	0	56.9	68.4	70	N	1.2	Y	N	0.3	N	N
R4382	25	83.6	Wing Fok Centre	66.5	67.1	68	0	13.5	13.7	56.9	0	0	56.9	68.3	70	N	1.2	Y	N	0.3	N	N
R4382	26	86.6	Wing Fok Centre	66.3	66.9	67.8	0	13.9	13.8	57	0	0	57	68.1	70	N	1.2	Y	N	0.3	N	N
R4382	27	89.6	Wing Fok Centre	66.2	66.8	67.7	0	14	14	57	0	0	57	68	70	N	1.2	Y	N	0.3	N	N
R4382	28	92.6	Wing Fok Centre	66.1	66.7	67.6	0	14.2	14.4	56.9	0	0	56.9	67.9	70	N	1.2	Y	N	0.3	N	N
R4383	1	11.6	Wing Fok Centre	70.8	71.0	71.1	0	14	0	46.7	0	0	46.7	71.1	70	Y	0.1	N	N	0.0	N	N
R4383	2	14.6	Wing Fok Centre	70.8	71.1	71.2	0	14	0	49.2	0	0	49.2	71.2	70	Y	0.1	N	N	0.0	N	N
R4383	3	17.6	Wing Fok Centre	70.8	71.2	71.2	0	14	0	50.7	0	0	50.7	71.3	70	Y	0.1	N	N	0.1	N	N
R4383	4	20.6	Wing Fok Centre	70.8	71.2	71.2	0	14	0	51.5	0	0	51.5	71.2	70	Y	0.0	N	N	0.0	N	N
R4383	5	23.6	Wing Fok Centre	70.7	71.0	71.1	0	14	0	51.9	0	0	51.9	71.1	70	Y	0.1	N	N	0.0	N	N
R4383	6	26.6	Wing Fok Centre	70.5	70.9	71	0	14	0	52.2	0	0	52.2	71	70	Y	0.1	N	N	0.0	N	N
R4383	7	29.6	Wing Fok Centre	70.4	70.7	70.8	0	14	0	52.3	0	0	52.3	70.8	70	Y	0.1	N	N	0.0	N	N
R4383	8	32.6	Wing Fok Centre	70.3	70.7	70.7	0	14	0	52.4	0	0	52.4	70.8	70	Y	0.1	N	N	0.1	N	N
R4383	9	35.6	Wing Fok Centre	70.3	70.7	70.7	0	14	0	52.5	0	0	52.5	70.8	70	Y	0.1	N	N	0.1	N	N
R4383	10	38.6	Wing Fok Centre	70.3	70.6	70.6	0	14	0	52.5	0	0	52.5	70.7	70	Y	0.1	N	N	0.1	N	N
R4383	11	41.6	Wing Fok Centre	70.2	70.5	70.5	0	13.9	0	52.5	0	0	52.5	70.6	70	Y	0.1	N	N	0.1	N	N
R4383	12	44.6	Wing Fok Centre	70.1	70.4	70.4	0	13.9	0	52.5	0	0	52.5	70.5	70	Y	0.1	N	N	0.1	N	N
R4383	13	47.6	Wing Fok Centre	70.0	70.3	70.3	0	13.9	0	52.5	0	0	52.5	70.4	70	N	0.1	N	N	0.1	N	N
R4383	14	50.6	Wing Fok Centre	69.8	70.2	70.1	0	13.9	0	52.5	0	0	52.5	70.2	70	N	0.0	N	N	0.1	N	N
R4383	15	53.6	Wing Fok Centre	69.7	70.1	70	0	13.9	0	52.6	0	0	52.6	70.1	70	N	0.0	N	N	0.1	N	N
R4383	16	56.6	Wing Fok Centre	69.6	70.0	69.9	0	13.9	0	52.6	0	0	52.6	70	70	N	0.0	N	N	0.1	N	N
R4383	17	59.6	Wing Fok Centre	69.5	69.8	69.8	0	13.9	0	52.7	0	0	52.7	69.8	70	N	0.0	N	N	0.0	N	N
R4383	18	62.6	Wing Fok Centre	69.3	69.7	69.6	0	13.9	0	52.8	0	0	52.8	69.7	70	N	0.0	N	N	0.1	N	N
R4383	19	65.6	Wing Fok Centre	69.2	69.5	69.5	0	13.8	0	52.9	0	0	52.9	69.5	70	N	0.0	N	N	0.0	N	N
R4383	20	68.6	Wing Fok Centre	69.0	69.4	69.3	0	13.8	0	53	0	0	53	69.4	70	N	0.0	N	N	0.1	N	N
R4383	21	71.6	Wing Fok Centre	68.9	69.3	69.2	0	13.8	0	53.1	0	0	53.1	69.3	70	N	0.0	N	N	0.1	N	N
R4383	22	74.6	Wing Fok Centre	68.8	69.1	69.1	0	13.8	0	53.1	0	0	53.1	69.2	70	N	0.1	N	N	0.1	N	N
R4383	23	77.6	Wing Fok Centre	68.6	69.0	68.9	0	13.8	0	53.1	0	0	53.1	69	70	N	0.0	N	N	0.1	N	N
R4383	24	80.6	Wing Fok Centre	68.5	68.9	68.8	0	13.7	0	53.1	0	0	53.1	68.9	70	N	0.0	N	N	0.1	N	N
R4383	25	83.6	Wing Fok Centre	68.4	68.8	68.7	0	13.7	0	53.2	0	0	53.2	68.8	70	N	0.0	N	N	0.1	N	N
R4383	26	86.6	Wing Fok Centre	68.3	68.6	68.5	0	13.5	0	53.2	0	0	53.2	68.7	70	N	0.1	N	N	0.2	N	N
R4383	27	89.6	Wing Fok Centre	68.1	68.5	68.4	0	14.4	0	53.3	0	0	53.3	68.6	70	N	0.1	N	N	0.2	N	N
R4383	28	92.6	Wing Fok Centre	68.0	68.4	68.3	0	14.2	0	53.4	0	0	53.4	68.4	70	N	0.0	N	N	0.1	N	N
R4384	1	11.6	Wing Fok Centre	71.8	72.0	71.9	0	14.9	0	0	0	0	14.9	71.9	70	Y	-0.1	N	N	0.0	N	N
R4384	2	14.6	Wing Fok Centre	71.8	72.0	71.9	0	14.9	0	0	0	0	14.9	71.9	70	Y	-0.1	N	N	0.0	N	N
R4384	3	17.6	Wing Fok Centre	71.8	72.0	71.9	0	14.9	0	0	0	0	14.9	71.9	70	Y	-0.1	N	N	0.0	N	N
R4384	4	20.6	Wing Fok Centre	71.8	72.0	71.9	0	14.9	0	0	0	0	14.9	71.9	70	Y	-0.1	N	N	0.0	N	N
R4384	5	23.6	Wing Fok Centre	71.7	71.9	71.8	0	14.9	0	0	0	0	14.9	71.8	70	Y	-0.1	N	N	0.0	N	N
R4384	6	26.6	Wing Fok Centre	71.7	71.9	71.8	0	14.9	0	0	0	0	14.9	71.8	70	Y	-0.1	N	N	0.0	N	N
R4384	7	29.6	Wing Fok Centre	71.6	71.8	71.7	0	14.9	0	0	0	0	14.9	71.7	70	Y	-0.1	N	N	0.0	N	N
R4384	8	32.6	Wing Fok Centre	71.6	71.8	71.7	0	14.9	0	0	0	0	14.9	71.7	70	Y	-0.1	N	N	0.0	N	N
R4384	9	35.6	Wing Fok Centre	71.5	71.7	71.6	0	14.9	0	0	0	0	14.9	71.6	70	Y	-0.1	N	N	0.0	N	N
R4384	10	38.6	Wing Fok Centre	71.4	71.6	71.5	0	14.9	0	0	0	0	14.9	71.5	70	Y	-0.1	N	N	0.0	N	N
R4384	11	41.6	Wing Fok Centre	71.4	71.6	71.5	0	14.9	0	0	0	0	14.9	71.5	70	Y	-0.1	N	N	0.0	N	N
R4384	12	44.6	Wing Fok Centre	71.3	71.5	71.4	0	14.9	0	0	0	0	14.9	71.4	70	Y	-0.1	N	N	0.0	N	N
R4384	13	47.6	Wing Fok Centre	71.2	71.4	71.3	0	14.9	0	0	0	0	14.9	71.3	70	Y	-0.1	N	N	0.0	N	N
R4384	14	50.6	Wing Fok Centre	71.1	71.3	71.2	0	14.9	0	0	0	0	14.9	71.2	70	Y	-0.1	N	N	0.0	N	N
R4384	15	53.6	Wing Fok Centre	71.0	71.2	71.2	0	14.8	0	0	0	0	14.8	71.2	70	Y	0.0	N	N	0.0	N	N
R4384	16	56.6	Wing Fok Centre	71.0	71.2	71.1	0	14.8	0	0	0	0	14.8	71.1	70	Y	-0.1	N	N	0.0	N	N
R4384	17	59.6	Wing Fok Centre	70.9	71.1	71.1	0	14.8	0	0	0	0	14.8	71.1	70	Y	0.0	N	N	0.0	N	N
R4384	18	62.6	Wing Fok Centre	70.8	71.0	71	0	14.8	0	0	0	0	14.8	71	70	Y	0.0	N	N	0.0	N	N
R4384	19	65.6	Wing Fok Centre	70.7	71.0	70.9	0	14.8	0	0	0	0	14.8	70.9	70	Y	-0.1	N	N	0.0	N	N
R4384	20	68.6	Wing Fok Centre	70.7	70.9	70.9	0	14.8	0	0	0	0	14.8	70.9	70	Y	0.0	N	N	0.0	N	N
R4384	21	71.6	Wing Fok Centre	70.6	70.9	70.8	0	14.8	0	0	0	0	14.8	70.8	70	Y	-0.1	N	N	0.0	N	N
R4384	22	74.6	Wing Fok Centre	70.6	70.8	70.8	0	14.8	0	0	0	0	14.8	70.8	70	Y	0.0	N	N	0.0	N	N
R4384	23	77.6	Wing Fok Centre	70.5	70.8	70.7	0	14.7	0	0	0	0	14.7	70.7	70	Y	-0.1	N	N	0.0	N	N
R4384	24	80.6	Wing Fok Centre	70.5	70.7	70.6	0	14.8	0	0	0	0	14.8	70.6	70	Y	-0.1	N	N	0.0	N	N
R4384	25	83.6	Wing Fok Centre	70.4	70.6	70.5	0	15.2	0	0	0	0	15.2	70.5	70	Y	-0.1	N	N	0.0	N	N
R4384	26	86.6	Wing Fok Centre	70.3	70.6	70.5	0	16.5	0	0	0	0	16.5	70.5	70	Y	-0.1	N	N	0.0	N	N
R4384	27	89.6	Wing Fok Centre	70.2	70.5	70.4	0	18.1	0	0	0	0	18.1	70.4	70	N	-0.1	N	N	0.0	N	N
R4384	28	92.6	Wing Fok Centre	70.1	70.4	70.3	0	19.8	0	0	0	0	19.8	70.3	70	N	-0.1	N	N	0.0	N	N
R4385	1	11.6	Wing Fok Centre	71.1	71.4	71.3	0	10.5	0	0	0	0	10.5	71.3	70	Y	-0.1	N	N	0.0	N	N
R4385	2	14.6	Wing Fok Centre	71.1	71.4	71.3	0	10.5	0	0	0	0	10.5	71.3	70	Y	-0.1	N	N	0.0	N	N
R4385	3	17.6	Wing Fok Centre	71.1	71.4	71.3	0	10.5	0	0	0	0	10.5	71.3	70	Y	-0.1	N	N	0.0	N	N
R4385	4	20.6	Wing Fok Centre	71.1	71.3	71.3	0	10.5	0	0	0	0	10.5	71.3	70	Y	0.0	N	N	0.0	N	N
R4385	5	23.6	Wing Fok Centre	71.0	71.3	71.3	0	10.5	0	0	0	0	10.5	71.3	70	Y	0.0	N	N	0.0	N	N
R4385	6	26.6	Wing Fok Centre	71.0	71.3	71.2	0	10.5	0	0	0	0	10.5	71.2	70	Y	-0.1	N	N	0.0	N	N
R4385	7	29.6	Wing Fok Centre	71.0	71.2	71.2	0	10.5	0	0	0	0	10.5	71.2	70	Y	0.0	N	N	0.0	N	N
R4385	8	32.6	Wing Fok Centre	70.9	71.2	71.1	0	10.5	0	0	0	0	10.5	71.1	70	Y	-0.1	N	N	0.0	N	N
R4385	9	35.6	Wing Fok Centre	70.9	71.1	71.1	0	10.5	0	0	0	0	10.5	71.1	70	Y	0.0	N	N	0.0	N	N
R4385	10	38.6	Wing Fok Centre	70.8	71.1	71	0	10.5	0	0	0	0	10.5	71	70	Y	-0.1	N	N	0.0	N	N
R4385	11	41.6	Wing Fok Centre	70.7	71.0	70.9	0	10.5	0	0	0	0	10.5	70.9	70	Y	-0.1	N	N	0.0	N	N
R4385	12	44.6	Wing Fok Centre	70.7	70.9	70.9	0	10.5	0	0	0	0	10.5	70.9	70	Y	0.0	N	N	0.0	N	N
R4385	13	47.6	Wing Fok Centre	70.6	70.9	70.8	0	10.5	0	0	0	0	10.5	70.8	70	Y	-0.1	N	N	0.0	N	N
R4385	14	50.6	Wing Fok Centre	70.5	70.8	70.7	0	10.5	0	0	0	0	10.5	70.7	70	Y	-0.1	N	N	0.0	N	N
R4385	15	53.6	Wing Fok Centre	70.5	70.7	70.6	0	10.4	0	0	0	0	10.4	70.6	70	Y	-0.1	N	N	0.0	N	N
R4385	16	56.6	Wing Fok Centre	70.4	70.7	70.6	0	10.4	0	0	0	0	10.4	70.6	70	Y	-0.1	N	N	0.0	N	N
R4385	17	59.6	Wing Fok Centre	70.3	70.6	70.5	0	10.4	0	0	0	0	10.4	70.5	70	Y	-0.1	N	N	0.0	N	N
R4385	18	62.6	Wing Fok Centre	70.2	70.5	70.4	0	10.4	0	0	0	0	10.4	70.4	70	N	-0.1	N	N	0.0	N	N
R4385	19	65.6	Wing Fok Centre	70.2	70.4	70.4	0	10.4	0	0	0	0	10.4	70.4	70	N	0.0	N	N	0.0	N	N
R4385	20	68.6	Wing Fok Centre	70.1	70.4	70.3	0	10.4	0	0	0	0	10.4	70.3	70	N	-0.1	N	N	0.0	N	N
R4385	21	71.6	Wing Fok Centre	70.0	70.3	70.2	0	10.3	0	0	0	0	10.3	70.2	70	N	-0.1	N	N	0.0	N	N
R4385	22	74.6	Wing Fok Centre	70.0	70.2	70.2	0	10.4	0	0	0	0	10.4	70.2	70	N	0.0	N	N	0.0	N	N
R4385	23	77.6	Wing Fok Centre	69.9	70.2	70.1	0	10.4	0	0	0	0	10.4	70.1	70	N	-0.1	N	N	0.0	N	N
R4385	24	80.6	Wing Fok Centre	69.8	70.1	70	0	10.9	0	0	0	0	10.9	70	70	N	-0.1	N	N	0.0	N	N
R4385	25	83.6	Wing Fok Centre	69.8	70.1	70	0	12.1	0	0	0	0	12.1	70	70	N	-0.1	N	N	0.0	N	N
R4385	26	86.6	Wing Fok Centre	69.7	70.0	69.9	0	13.3	0	0	0	0	13.3	69.9	70	N	-0.1	N	N	0.0	N	N
R4385	27	89.6	Wing Fok Centre	69.7	69.9	69.9	0	14.8	0	0	0	0	14.8	69.9	70	N	0.0	N	N	0.0	N	N
R4385	28	92.6	Wing Fok Centre	69.6	69.9	69.8	0	16.1	0	0	0	0	16.1	69.8	70	N	-0.1	N	N	0.0	N	N
R4386	1	11.6	Wing Fok Centre	69.7	70.3	70.5	0	0	0	35	0	0	35	70.5	70	Y	0.2	N	N	0.0	N	N
R4386	2	14.6	Wing Fok Centre	69.8	70.3	70.5	0	0	0	37.7	0	0	37.7	70.5	70	Y	0.2	N	N	0.0	N	N
R4386	3	17.6	Wing Fok Centre	69.7	70.3	70.5	0	0	0	40	0	0	40	70.5	70	Y	0.2	N	N	0.0	N	N
R4386	4	20.6	Wing Fok Centre	69.7	70.2	70.5	0	0	0	42	0	0	42	70.5	70	Y	0.3	N	N	0.0	N	N
R4386	5	23.6	Wing Fok Centre	69.7	70.2	70.4	0	0	0	43.1	0	0	43.1	70.4	70	N	0.2	N	N	0.0	N	N
R4386	6	26.6	Wing Fok Centre	69.6	70.1	70.4	0	0	0	43.6	0	0	43.6	70.4	70	N	0.3	N	N	0.0	N	N
R4386	7	29.6	Wing Fok Centre	69.5	70.0	70.3	0	0	0	44	0	0	44	70.3	70	N	0.3	N	N	0.0	N	N
R4386	8	32.6	Wing Fok Centre	69.4	69.9	70.2	0	0	0	44.1	0	0	44.1	70.2	70	N	0.3	N	N	0.0	N	N
R4386	9	35.6	Wing Fok Centre	69.3	69.8	70.1	0	0	0	44.2	0	0	44.2	70.1	70	N	0.3	N	N	0.0	N	N
R4386	10	38.6	Wing Fok Centre	69.2	69.7	69.9	0	0	0	44.2	0	0	44.2	69.9	70	N	0.2	N	N	0.0	N	N
R4386	11	41.6	Wing Fok Centre	69.1	69.6	69.8	0	0	0	44.2	0	0	44.2	69.8	70	N	0.2	N	N	0.0	N	N
R4386	12	44.6	Wing Fok Centre	69.0	69.5	69.7	0	0	0	44.2	0	0	44.2	69.7	70	N	0.2	N	N	0.0	N	N
R4386	13	47.6	Wing Fok Centre	68.9	69.4	69.6	0	0	0	44.2	0	0	44.2	69.6	70	N	0.2	N	N	0.0	N	N
R4386	14	50.6	Wing Fok Centre	68.7	69.2	69.5	0	0	0	44.2	0	0	44.2	69.5	70	N	0.3	N	N	0.0	N	N
R4386	15	53.6	Wing Fok Centre	68.6	69.1	69.3	0	0	0	44.2	0	0	44.2	69.3	70	N	0.2	N	N	0.0	N	N
R4386	16	56.6	Wing Fok Centre	68.5	69.0	69.2	0	0	0	44.2	0	0	44.2	69.2	70	N	0.2	N	N	0.0	N	N
R4386	17	59.6	Wing Fok Centre	68.4	68.9	69.1	0	0	0	44.1	0	0	44.1	69.1	70	N	0.2	N	N	0.0	N	N
R4386	18	62.6	Wing Fok Centre	68.3	68.8	69	0	0	0	44.1	0	0	44.1	69	70	N	0.2	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4386	19	65.6	Wing Fok Centre	68.1	68.7	68.8	0	0	0	44.1	0	0	44.1	68.8		70	N	0.1	N	N	0.0	N	N
R4386	20	68.6	Wing Fok Centre	68.0	68.5	68.7	0	0	0	44.1	0	0	44.1	68.7		70	N	0.2	N	N	0.0	N	N
R4386	21	71.6	Wing Fok Centre	67.9	68.4	68.6	0	0	0	44.1	0	0	44.1	68.6		70	N	0.2	N	N	0.0	N	N
R4386	22	74.6	Wing Fok Centre	67.8	68.3	68.4	0	0	0	44.1	0	0	44.1	68.5		70	N	0.2	N	N	0.1	N	N
R4386	23	77.6	Wing Fok Centre	67.7	68.2	68.4	0	0	0	44.1	0	0	44.1	68.4		70	N	0.2	N	N	0.0	N	N
R4386	24	80.6	Wing Fok Centre	67.6	68.1	68.3	0	0	0	44.1	0	0	44.1	68.3		70	N	0.2	N	N	0.0	N	N
R4386	25	83.6	Wing Fok Centre	67.5	68.0	68.1	0	0	0	44	0	0	44	68.1		70	N	0.1	N	N	0.0	N	N
R4386	26	86.6	Wing Fok Centre	67.3	67.9	68	0	0	0	44	0	0	44	68		70	N	0.1	N	N	0.0	N	N
R4386	27	89.6	Wing Fok Centre	67.3	67.8	67.9	0	0	0	44	0	0	44	67.9		70	N	0.1	N	N	0.0	N	N
R4386	28	92.6	Wing Fok Centre	67.1	67.6	67.8	0	0	0	44	0	0	44	67.8		70	N	0.2	N	N	0.0	N	N
R4387	1	11.6	Wing Fok Centre	70.3	70.9	71.3	0	0	7.5	38.7	0	0	38.7	71.3		70	Y	0.4	N	N	0.0	N	N
R4387	2	14.6	Wing Fok Centre	70.3	70.9	71.3	0	0	7.5	41.2	0	0	41.2	71.3		70	Y	0.4	N	N	0.0	N	N
R4387	3	17.6	Wing Fok Centre	70.3	70.9	71.3	0	0	7.5	43.7	0	0	43.7	71.3		70	Y	0.4	N	N	0.0	N	N
R4387	4	20.6	Wing Fok Centre	70.2	70.8	71.2	0	0	7.5	45.2	0	0	45.2	71.2		70	Y	0.4	N	N	0.0	N	N
R4387	5	23.6	Wing Fok Centre	70.1	70.7	71.1	0	0	7.5	46	0	0	46	71.1		70	Y	0.4	N	N	0.0	N	N
R4387	6	26.6	Wing Fok Centre	70.0	70.6	71	0	0	7.5	46.5	0	0	46.5	71		70	Y	0.4	N	N	0.0	N	N
R4387	7	29.6	Wing Fok Centre	69.8	70.4	70.8	0	0	7.5	46.7	0	0	46.7	70.8		70	Y	0.4	N	N	0.0	N	N
R4387	8	32.6	Wing Fok Centre	69.7	70.3	70.7	0	0	7.5	46.9	0	0	46.9	70.7		70	Y	0.4	N	N	0.0	N	N
R4387	9	35.6	Wing Fok Centre	69.5	70.1	70.5	0	0	7.5	46.9	0	0	46.9	70.5		70	Y	0.4	N	N	0.0	N	N
R4387	10	38.6	Wing Fok Centre	69.3	69.9	70.3	0	0	7.5	47	0	0	47	70.3		70	N	0.4	N	N	0.0	N	N
R4387	11	41.6	Wing Fok Centre	69.2	69.8	70.2	0	0	7.4	47	0	0	47	70.2		70	N	0.4	N	N	0.0	N	N
R4387	12	44.6	Wing Fok Centre	69.0	69.6	70	0	0	7.4	47.1	0	0	47.1	70		70	N	0.4	N	N	0.0	N	N
R4387	13	47.6	Wing Fok Centre	68.8	69.4	69.8	0	0	7.4	47.3	0	0	47.3	69.8		70	N	0.4	N	N	0.0	N	N
R4387	14	50.6	Wing Fok Centre	68.7	69.3	69.6	0	0	7.4	47.4	0	0	47.4	69.7		70	N	0.4	N	N	0.1	N	N
R4387	15	53.6	Wing Fok Centre	68.5	69.1	69.5	0	0	7.4	47.5	0	0	47.5	69.5		70	N	0.4	N	N	0.0	N	N
R4387	16	56.6	Wing Fok Centre	68.4	69.0	69.3	0	0	7.4	47.5	0	0	47.5	69.4		70	N	0.4	N	N	0.1	N	N
R4387	17	59.6	Wing Fok Centre	68.2	68.8	69.2	0	0	7.4	47.6	0	0	47.6	69.2		70	N	0.4	N	N	0.0	N	N
R4387	18	62.6	Wing Fok Centre	68.1	68.7	69	0	0	7.4	47.6	0	0	47.6	69		70	N	0.3	N	N	0.0	N	N
R4387	19	65.6	Wing Fok Centre	67.9	68.5	68.9	0	0	7.3	47.6	0	0	47.6	68.9		70	N	0.4	N	N	0.0	N	N
R4387	20	68.6	Wing Fok Centre	67.8	68.4	68.7	0	0	7.3	47.6	0	0	47.6	68.7		70	N	0.3	N	N	0.0	N	N
R4387	21	71.6	Wing Fok Centre	67.6	68.2	68.6	0	0	7.3	47.6	0	0	47.6	68.6		70	N	0.4	N	N	0.0	N	N
R4387	22	74.6	Wing Fok Centre	67.5	68.1	68.4	0	0	7.3	47.6	0	0	47.6	68.5		70	N	0.4	N	N	0.1	N	N
R4387	23	77.6	Wing Fok Centre	67.4	68.0	68.3	0	0	7.3	47.6	0	0	47.6	68.3		70	N	0.3	N	N	0.0	N	N
R4387	24	80.6	Wing Fok Centre	67.2	67.8	68.1	0	0	7.3	47.5	0	0	47.5	68.2		70	N	0.4	N	N	0.1	N	N
R4387	25	83.6	Wing Fok Centre	67.1	67.7	68.1	0	0	7.2	47.5	0	0	47.5	68.1		70	N	0.4	N	N	0.0	N	N
R4387	26	86.6	Wing Fok Centre	67.0	67.6	67.9	0	0	7.3	47.5	0	0	47.5	67.9		70	N	0.3	N	N	0.0	N	N
R4387	27	89.6	Wing Fok Centre	66.9	67.5	67.8	0	0	8.3	47.5	0	0	47.5	67.8		70	N	0.3	N	N	0.0	N	N
R4387	28	92.6	Wing Fok Centre	66.8	67.3	67.7	0	0	9.3	47.5	0	0	47.5	67.7		70	N	0.4	N	N	0.0	N	N
R4388	1	11.6	Wing Fok Centre	70.3	71.0	71.4	0	0	16	39.4	0	0	39.4	71.4		70	Y	0.4	N	N	0.0	N	N
R4388	2	14.6	Wing Fok Centre	70.4	71.0	71.5	0	0	16	42.9	0	0	42.9	71.5		70	Y	0.5	N	N	0.0	N	N
R4388	3	17.6	Wing Fok Centre	70.4	71.0	71.5	0	0	16	45.4	0	0	45.5	71.5		70	Y	0.5	N	N	0.0	N	N
R4388	4	20.6	Wing Fok Centre	70.3	70.9	71.4	0	0	16	46.4	0	0	46.4	71.4		70	Y	0.5	N	N	0.0	N	N
R4388	5	23.6	Wing Fok Centre	70.2	70.8	71.3	0	0	16	46.9	0	0	46.9	71.3		70	Y	0.5	N	N	0.0	N	N
R4388	6	26.6	Wing Fok Centre	70.1	70.7	71.2	0	0	16	47.1	0	0	47.1	71.2		70	Y	0.5	N	N	0.0	N	N
R4388	7	29.6	Wing Fok Centre	69.9	70.6	71	0	0	16	47.2	0	0	47.2	71		70	Y	0.4	N	N	0.0	N	N
R4388	8	32.6	Wing Fok Centre	69.8	70.4	70.8	0	0	16	47.3	0	0	47.3	70.8		70	Y	0.4	N	N	0.0	N	N
R4388	9	35.6	Wing Fok Centre	69.6	70.2	70.7	0	0	15.9	47.4	0	0	47.4	70.7		70	Y	0.5	N	N	0.0	N	N
R4388	10	38.6	Wing Fok Centre	69.4	70.0	70.5	0	0	15.9	47.5	0	0	47.5	70.5		70	Y	0.5	N	N	0.0	N	N
R4388	11	41.6	Wing Fok Centre	69.2	69.8	70.3	0	0	15.9	47.6	0	0	47.6	70.3		70	N	0.5	N	N	0.0	N	N
R4388	12	44.6	Wing Fok Centre	69.1	69.7	70.1	0	0	15.9	47.7	0	0	47.7	70.1		70	N	0.4	N	N	0.0	N	N
R4388	13	47.6	Wing Fok Centre	68.9	69.5	69.9	0	0	15.9	47.9	0	0	47.9	69.9		70	N	0.4	N	N	0.0	N	N
R4388	14	50.6	Wing Fok Centre	68.7	69.3	69.7	0	0	15.9	48	0	0	48	69.7		70	N	0.4	N	N	0.0	N	N
R4388	15	53.6	Wing Fok Centre	68.5	69.1	69.5	0	0	15.9	48	0	0	48	69.6		70	N	0.5	N	N	0.1	N	N
R4388	16	56.6	Wing Fok Centre	68.4	69.0	69.4	0	0	15.9	48.1	0	0	48.1	69.4		70	N	0.4	N	N	0.0	N	N
R4388	17	59.6	Wing Fok Centre	68.2	68.8	69.2	0	0	15.9	48.1	0	0	48.1	69.2		70	N	0.4	N	N	0.0	N	N
R4388	18	62.6	Wing Fok Centre	68.0	68.6	69	0	0	15.8	48.1	0	0	48.1	69.1		70	N	0.5	N	N	0.1	N	N
R4388	19	65.6	Wing Fok Centre	67.9	68.5	68.9	0	0	15.8	48.1	0	0	48.1	68.9		70	N	0.4	N	N	0.0	N	N
R4388	20	68.6	Wing Fok Centre	67.7	68.3	68.7	0	0	15.9	48.1	0	0	48.1	68.8		70	N	0.5	N	N	0.1	N	N
R4388	21	71.6	Wing Fok Centre	67.6	68.2	68.6	0	0	16	48.1	0	0	48.1	68.6		70	N	0.4	N	N	0.0	N	N
R4388	22	74.6	Wing Fok Centre	67.4	68.0	68.4	0	0	16	48.1	0	0	48.1	68.5		70	N	0.5	N	N	0.1	N	N
R4388	23	77.6	Wing Fok Centre	67.3	67.9	68.3	0	0	16	48	0	0	48	68.3		70	N	0.4	N	N	0.0	N	N
R4388	24	80.6	Wing Fok Centre	67.1	67.7	68.1	0	0	15.9	48	0	0	48	68.2		70	N	0.5	N	N	0.1	N	N
R4388	25	83.6	Wing Fok Centre	67.0	67.6	68	0	0	15.9	48	0	0	48	68.1		70	N	0.5	N	N	0.1	N	N
R4388	26	86.6	Wing Fok Centre	66.9	67.5	67.9	0	0	16.3	48	0	0	48	67.9		70	N	0.4	N	N	0.0	N	N
R4388	27	89.6	Wing Fok Centre	66.8	67.4	67.8	0	0	16.8	47.9	0	0	47.9	67.8		70	N	0.4	N	N	0.0	N	N
R4388	28	92.6	Wing Fok Centre	66.7	67.2	67.6	0	0	17.3	47.9	0	0	47.9	67.7		70	N	0.5	N	N	0.1	N	N
R4389	1	11.6	Wing Fok Centre	68.3	68.9	70.2	0	0	16.1	57.9	0	0	57.9	70.4		70	N	1.5	Y	N	0.2	N	N
R4389	2	14.6	Wing Fok Centre	69.1	69.7	71.1	0	0	16.1	60.4	0	0	60.4	71.5		70	Y	1.8	Y	N	0.4	N	Y
R4389	3	17.6	Wing Fok Centre	69.4	70.0	71.4	0	0	16.1	61.1	0	0	61.1	71.8		70	Y	1.8	Y	N	0.4	N	Y
R4389	4	20.6	Wing Fok Centre	69.4	70.0	71.5	0	0	16.1	61.4	0	0	61.4	71.9		70	Y	1.9	Y	N	0.4	N	Y
R4389	5	23.6	Wing Fok Centre	69.4	69.9	71.4	0	0	16.1	61.5	0	0	61.5	71.8		70	Y	1.9	Y	N	0.4	N	Y
R4389	6	26.6	Wing Fok Centre	69.3	69.8	71.3	0	0	16.2	61.5	0	0	61.5	71.7		70	Y	1.9	Y	N	0.4	N	Y
R4389	7	29.6	Wing Fok Centre	69.1	69.7	71.1	0	0	16.2	61.5	0	0	61.5	71.6		70	Y	1.9	Y	N	0.5	N	Y
R4389	8	32.6	Wing Fok Centre	68.9	69.5	71	0	0	16.2	61.4	0	0	61.4	71.4		70	Y	1.9	Y	N	0.4	N	Y
R4389	9	35.6	Wing Fok Centre	68.8	69.3	70.8	0	0	16.2	61.4	0	0	61.4	71.3		70	Y	2.0	Y	N	0.5	N	Y
R4389	10	38.6	Wing Fok Centre	68.6	69.1	70.6	0	0	16.2	61.3	0	0	61.3	71.1		70	Y	2.0	Y	N	0.5	N	Y
R4389	11	41.6	Wing Fok Centre	68.4	69.0	70.4	0	0	16.2	61.2	0	0	61.2	70.9		70	Y	1.9	Y	N	0.5	N	Y
R4389	12	44.6	Wing Fok Centre	68.2	68.8	70.3	0	0	16.2	61.1	0	0	61.1	70.8		70	Y	2.0	Y	N	0.5	N	Y
R4389	13	47.6	Wing Fok Centre	68.0	68.6	70.1	0	0	16.1	61	0	0	61	70.6		70	Y	2.0	Y	N	0.5	N	Y
R4389	14	50.6	Wing Fok Centre	67.8	68.4	69.9	0	0	16.1	60.9	0	0	60.9	70.4		70	N	2.0	Y	N	0.5	N	N
R4389	15	53.6	Wing Fok Centre	67.6	68.2	69.7	0	0	16.1	60.8	0	0	60.8	70.2		70	N	2.0	Y	N	0.5	N	N
R4389	16	56.6	Wing Fok Centre	67.5	68.1	69.6	0	0	16.1	60.7	0	0	60.7	70.1		70	N	2.0	Y	N	0.5	N	N
R4389	17	59.6	Wing Fok Centre	67.3	67.9	69.4	0	0	16.1	60.5	0	0	60.5	69.9		70	N	2.0	Y	N	0.5	N	N
R4389	18	62.6	Wing Fok Centre	67.1	67.7	69.2	0	0	16.1	60.4	0	0	60.4	69.7		70	N	2.0	Y	N	0.5	N	N
R4389	19	65.6	Wing Fok Centre	67.0	67.5	69	0	0	16	60.3	0	0	60.3	69.6		70	N	2.1	Y	N	0.6	N	N
R4389	20	68.6	Wing Fok Centre	66.8	67.4	68.9	0	0	16	60.2	0	0	60.2	69.4		70	N	2.0	Y	N	0.5	N	N
R4389	21	71.6	Wing Fok Centre	66.7	67.3	68.7	0	0	16	60	0	0	60	69.3		70	N	2.0	Y	N	0.6	N	N
R4389	22	74.6	Wing Fok Centre	66.5	67.1	68.6	0	0	16.2	59.9	0	0	59.9	69.2		70	N	2.1	Y	N	0.6	N	N
R4389	23	77.6	Wing Fok Centre	66.4	66.9	68.4	0	0	16.2	59.8	0	0	59.8	69		70	N	2.1	Y	N	0.6	N	N
R4389	24	80.6	Wing Fok Centre	66.2	66.8	68.3	0	0	16.1	59.7	0	0	59.7	68.9		70	N	2.1	Y	N	0.6	N	N
R4389	25	83.6	Wing Fok Centre	66.1	66.7	68.1	0	0	15.9	59.6	0	0	59.6	68.7		70	N	2.0	Y	N	0.6	N	N
R4389	26	86.6	Wing Fok Centre	65.9	66.5	68	0	0	16.4	59.5	0	0	59.5	68.6		70	N	2.1	Y	N	0.6	N	N
R4389	27	89.6	Wing Fok Centre	65.8	66.4	67.9	0	0	16.9	59.4	0	0	59.4	68.5		70	N	2.1	Y	N	0.6	N	N
R4389	28	92.6	Wing Fok Centre	65.7	66.2	67.7	0	0	17.5	59.3	0	0	59.3	68.3		70	N	2.1	Y	N	0.6	N	N
R4401	1	11.8	Wing Fai Centre	66.7	68.3	67	0	21.3	9.8	58.1	0	0	58.2	67.5		70	N	-0.8	N	N	0.5	N	N
R4401	2	14.8	Wing Fai Centre	67.7	69.3	68	0	21.4	9.8	61	0	0	61	68.8		70	N	-0.5	N	N	0.8	N	N
R4401	3	17.8	Wing Fai Centre	68.1	69.7	68.4	0	21.4	9.8	61.7	0	0	61.7	69.2		70	N	-0.5	N	N	0.8	N	N
R4401	4	20.8	Wing Fai Centre	68.2	69.8	68.4	0	21.4	9.8	61.9	0	0	61.9	69.3		70	N	-0.5	N	N	0.9	N	N
R4401	5	23.8	Wing Fai Centre	68.1	69.7	68.3	0	21.3	9.8	61.9	0	0	61.9	69.2		70	N	-0.5	N	N	0.9	N	N
R4401	6	26.8	Wing Fai Centre	68.0	69.6	68.2	0	21.4	9.8	61.9	0	0	61.9	69.1		70	N	-0.5	N	N	0.9	N	N
R4401	7	29.8	Wing Fai Centre	67.8	69.4	68	0	21.5	9.8	61.9	0	0	61.9	69		70	N	-0.4	N	N	1.0	N	N
R4401	8	32.8	Wing Fai Centre	67.7	69.3	67.9	0	21.6	9.8	61.9	0	0	61.9	68.9		70	N	-0.4	N	N	1.0	N	N
R4401	9	35.8	Wing Fai Centre	67.6	69.1	67.7	0	21.6	9.8	61.8	0	0	61.8	68.7		70	N	-0.4	N	N	1.0	N	N
R4401	10	38.8	Wing Fai Centre	67.5	69.0	67.6	0	21.7	9.8	61.8	0	0	61.8	68.6		70	N	-0.4	N	N	1.0	N	N
R4401	11	41.8	Wing Fai Centre	67.3	68.8	67.4	0	21.8	9.8	61.8	0	0	61.8	68.4		70	N	-0.4	N	N	1.0	N	N
R4401	12	44.8	Wing Fai Centre	67.1	68.6	67.2	0	21.9	9.8	61.7	0	0	61.7	68.3		70	N	-0.3	N	N	1.1	Y	N
R4401	13	47.8	Wing Fai Centre	67.0	68.5	67	0	21.9	9.7	61.7	0	0	61.7	68.1		70	N	-0.4	N	N	1.1	Y	N
R4401	14	50.8	Wing Fai Centre	66.8	68.3	66.9	0	22	9.7	61.6	0	0	61.6	68		70	N	-0.3	N	N	1.1	Y	N
R4401	15	53.8	Wing Fai Centre	66.7	68.2	66.7	0	22.1	9.7	61.6	0	0	61.6	67.9		70	N	-0.3	N	N	1.2	Y	N
R4401	16	56.8	Wing Fai Centre	66.5	68.0	66.5	0	22.3	9.7	61.6	0	0	61.6	67.7		70	N	-0.3	N	N	1.2	Y	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)[1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4401	17	59.8	Wing Fai Centre	66.4	67.8	66.4	0	22.3	9.7	61.5	0	0	61.5	67.6	70	N	-0.2	N	N	1.2	Y	N
R4401	18	62.8	Wing Fai Centre	66.2	67.7	66.2	0	22.5	9.7	61.5	0	0	61.5	67.5	70	N	-0.2	N	N	1.3	Y	N
R4401	19	65.8	Wing Fai Centre	66.1	67.5	66.1	0	22.6	9.7	61.5	0	0	61.5	67.3	70	N	-0.2	N	N	1.2	Y	N
R4401	20	68.8	Wing Fai Centre	65.9	67.4	65.9	0	22.7	9.7	61.4	0	0	61.4	67.2	70	N	-0.2	N	N	1.3	Y	N
R4401	21	71.8	Wing Fai Centre	65.8	67.2	65.8	0	22.8	9.6	61.4	0	0	61.4	67.1	70	N	-0.1	N	N	1.3	Y	N
R4401	22	74.8	Wing Fai Centre	65.7	67.1	65.7	0	22.8	9.6	61.4	0	0	61.4	67.1	70	N	0.0	N	N	1.4	Y	N
R4401	23	77.8	Wing Fai Centre	65.5	67.0	65.6	0	23	9.6	61.3	0	0	61.3	66.9	70	N	-0.1	N	N	1.3	Y	N
R4401	24	80.8	Wing Fai Centre	65.4	66.8	65.5	0	23.1	9.6	61.3	0	0	61.3	66.9	70	N	0.1	N	N	1.4	Y	N
R4401	25	83.8	Wing Fai Centre	65.3	66.7	65.4	0	23.3	9.6	61.3	0	0	61.3	66.8	70	N	0.1	N	N	1.4	Y	N
R4401	26	86.8	Wing Fai Centre	65.2	66.6	65.3	0	23.8	10	61.2	0	0	61.2	66.8	70	N	0.2	N	N	1.5	Y	N
R4401	27	89.8	Wing Fai Centre	65.1	66.5	65.3	0	24.3	10.7	61.2	0	0	61.2	66.7	70	N	0.2	N	N	1.4	Y	N
R4401	28	92.8	Wing Fai Centre	64.9	66.3	65.2	0	24.6	10.6	61.2	0	0	61.2	66.6	70	N	0.3	N	N	1.4	Y	N
R4401	29	95.8	Wing Fai Centre	64.9	66.2	65.1	0	25	10.8	61.2	0	0	61.2	66.6	70	N	0.4	N	N	1.5	Y	N
R4401	30	98.8	Wing Fai Centre	64.8	66.1	65.1	0	25.5	10.7	61.2	0	0	61.2	66.5	70	N	0.4	N	N	1.4	Y	N
R4401	31	101.8	Wing Fai Centre	64.6	66.0	64.9	0	25.9	10.8	61.1	0	0	61.1	66.5	70	N	0.5	N	N	1.6	Y	N
R4401	32	104.8	Wing Fai Centre	64.5	65.9	64.8	0	26.2	11	61.1	0	0	61.1	66.4	70	N	0.5	N	N	1.6	Y	N
R4401	33	107.8	Wing Fai Centre	64.4	65.8	64.8	0	26.5	10.9	61.1	0	0	61.1	66.3	70	N	0.5	N	N	1.5	Y	N
R4401	34	110.8	Wing Fai Centre	64.3	65.7	64.6	0	26.9	11	61	0	0	61	66.2	70	N	0.5	N	N	1.6	Y	N
R4402	1	11.8	Wing Fai Centre	69.6	70.7	70.2	0	27.2	11.3	61.3	0	0	61.3	70.8	70	Y	0.1	N	N	0.6	N	N
R4402	2	14.8	Wing Fai Centre	70.1	71.2	70.7	0	27.2	11.3	63.4	0	0	63.4	71.4	70	Y	0.2	N	N	0.7	N	N
R4402	3	17.8	Wing Fai Centre	70.3	71.5	70.8	0	27.2	11.3	63.8	0	0	63.8	71.6	70	Y	0.1	N	N	0.8	N	N
R4402	4	20.8	Wing Fai Centre	70.3	71.5	70.8	0	27.2	11.3	63.7	0	0	63.8	71.6	70	Y	0.1	N	N	0.8	N	N
R4402	5	23.8	Wing Fai Centre	70.3	71.4	70.8	0	27.1	11.3	63.7	0	0	63.7	71.5	70	Y	0.1	N	N	0.7	N	N
R4402	6	26.8	Wing Fai Centre	70.1	71.3	70.6	0	27.1	11.3	63.6	0	0	63.6	71.4	70	Y	0.1	N	N	0.8	N	N
R4402	7	29.8	Wing Fai Centre	70.0	71.1	70.5	0	27.2	11.3	63.5	0	0	63.5	71.3	70	Y	0.2	N	N	0.8	N	N
R4402	8	32.8	Wing Fai Centre	69.9	71.0	70.4	0	27.3	11.3	63.4	0	0	63.4	71.2	70	Y	0.2	N	N	0.8	N	N
R4402	9	35.8	Wing Fai Centre	69.8	70.9	70.2	0	27.3	11.3	63.3	0	0	63.3	71	70	Y	0.1	N	N	0.8	N	N
R4402	10	38.8	Wing Fai Centre	69.7	70.8	70.1	0	27.4	11.3	63.2	0	0	63.2	70.9	70	Y	0.1	N	N	0.8	N	N
R4402	11	41.8	Wing Fai Centre	69.6	70.6	69.9	0	27.5	11.3	63.1	0	0	63.1	70.8	70	Y	0.2	N	N	0.9	N	N
R4402	12	44.8	Wing Fai Centre	69.4	70.5	69.8	0	27.5	11.3	62.9	0	0	62.9	70.6	70	Y	0.1	N	N	0.8	N	N
R4402	13	47.8	Wing Fai Centre	69.3	70.3	69.6	0	27.6	11.3	62.8	0	0	62.8	70.4	70	N	0.1	N	N	0.8	N	N
R4402	14	50.8	Wing Fai Centre	69.1	70.2	69.5	0	27.7	11.2	62.7	0	0	62.7	70.3	70	N	0.1	N	N	0.8	N	N
R4402	15	53.8	Wing Fai Centre	69.0	70.0	69.3	0	27.9	11.2	62.6	0	0	62.6	70.2	70	N	0.2	N	N	0.9	N	N
R4402	16	56.8	Wing Fai Centre	68.9	69.9	69.2	0	28	11.2	62.4	0	0	62.4	70	70	N	0.1	N	N	0.8	N	N
R4402	17	59.8	Wing Fai Centre	68.7	69.7	69	0	28.1	11.2	62.3	0	0	62.3	69.9	70	N	0.2	N	N	0.9	N	N
R4402	18	62.8	Wing Fai Centre	68.6	69.6	68.9	0	28.2	11.2	62.2	0	0	62.2	69.8	70	N	0.2	N	N	0.9	N	N
R4402	19	65.8	Wing Fai Centre	68.4	69.4	68.7	0	28.4	11.2	62.1	0	0	62.1	69.6	70	N	0.2	N	N	0.9	N	N
R4402	20	68.8	Wing Fai Centre	68.3	69.3	68.6	0	28.5	11.1	62	0	0	62	69.5	70	N	0.2	N	N	0.9	N	N
R4402	21	71.8	Wing Fai Centre	68.2	69.2	68.5	0	28.8	11.1	61.9	0	0	61.9	69.4	70	N	0.2	N	N	0.9	N	N
R4402	22	74.8	Wing Fai Centre	68.1	69.0	68.4	0	29	11.1	61.8	0	0	61.8	69.2	70	N	0.2	N	N	0.8	N	N
R4402	23	77.8	Wing Fai Centre	67.9	68.9	68.3	0	29.3	11.1	61.7	0	0	61.7	69.1	70	N	0.2	N	N	0.8	N	N
R4402	24	80.8	Wing Fai Centre	67.8	68.8	68.2	0	29.6	11.1	61.6	0	0	61.6	69	70	N	0.2	N	N	0.8	N	N
R4402	25	83.8	Wing Fai Centre	67.7	68.6	68.1	0	30.1	11	61.5	0	0	61.5	68.9	70	N	0.3	N	N	0.8	N	N
R4402	26	86.8	Wing Fai Centre	67.5	68.5	68	0	30.5	10.9	61.4	0	0	61.4	68.8	70	N	0.3	N	N	0.8	N	N
R4402	27	89.8	Wing Fai Centre	67.5	68.4	67.9	0	31	11.5	61.3	0	0	61.3	68.8	70	N	0.4	N	N	0.9	N	N
R4402	28	92.8	Wing Fai Centre	67.3	68.3	67.8	0	31.7	11.6	61.2	0	0	61.2	68.6	70	N	0.3	N	N	0.8	N	N
R4402	29	95.8	Wing Fai Centre	67.2	68.2	67.7	0	32.4	11.5	61.2	0	0	61.2	68.6	70	N	0.4	N	N	0.9	N	N
R4402	30	98.8	Wing Fai Centre	67.1	68.1	67.6	0	33.2	11.6	61.1	0	0	61.2	68.5	70	N	0.4	N	N	0.9	N	N
R4402	31	101.8	Wing Fai Centre	67.0	68.0	67.4	0	34.1	11.7	61.1	0	0	61.1	68.3	70	N	0.3	N	N	0.9	N	N
R4402	32	104.8	Wing Fai Centre	66.9	67.8	67.3	0	35.3	11.7	61.1	0	0	61.1	68.2	70	N	0.4	N	N	0.9	N	N
R4402	33	107.8	Wing Fai Centre	66.8	67.7	67.2	0	36.8	11.6	61	0	0	61	68.2	70	N	0.5	N	N	1.0	N	N
R4402	34	110.8	Wing Fai Centre	66.7	67.6	67.1	0	38.4	11.5	60.9	0	0	61	68.1	70	N	0.5	N	N	1.0	N	N
R4403	1	11.8	Wing Fai Centre	74.9	75.3	75.7	0	27.6	12.1	0	0	0	27.7	75.7	70	Y	0.4	N	N	0.0	N	N
R4403	2	14.8	Wing Fai Centre	74.8	75.2	75.6	0	27.6	12.1	0	0	0	27.7	75.6	70	Y	0.4	N	N	0.0	N	N
R4403	3	17.8	Wing Fai Centre	74.6	75.1	75.5	0	27.6	12.1	0	0	0	27.7	75.5	70	Y	0.4	N	N	0.0	N	N
R4403	4	20.8	Wing Fai Centre	74.4	74.8	75.2	0	27.6	12.1	0	0	0	27.7	75.2	70	Y	0.4	N	N	0.0	N	N
R4403	5	23.8	Wing Fai Centre	74.1	74.6	75	0	27.6	12.1	0	0	0	27.7	75	70	Y	0.4	N	N	0.0	N	N
R4403	6	26.8	Wing Fai Centre	73.8	74.3	74.6	0	27.6	12.1	0	0	0	27.7	74.6	70	Y	0.3	N	N	0.0	N	N
R4403	7	29.8	Wing Fai Centre	73.5	73.9	74.3	0	27.6	12.1	0	0	0	27.7	74.3	70	Y	0.4	N	N	0.0	N	N
R4403	8	32.8	Wing Fai Centre	73.2	73.7	74	0	27.6	12.1	0	0	0	27.7	74	70	Y	0.3	N	N	0.0	N	N
R4403	9	35.8	Wing Fai Centre	72.9	73.4	73.7	0	27.7	12.1	0	0	0	27.8	73.7	70	Y	0.3	N	N	0.0	N	N
R4403	10	38.8	Wing Fai Centre	72.6	73.1	73.5	0	27.8	12.1	0	0	0	27.9	73.5	70	Y	0.4	N	N	0.0	N	N
R4403	11	41.8	Wing Fai Centre	72.3	72.8	73.2	0	27.9	12.1	0	0	0	28	73.2	70	Y	0.4	N	N	0.0	N	N
R4403	12	44.8	Wing Fai Centre	72.1	72.6	72.9	0	27.9	12.1	0	0	0	28	72.9	70	Y	0.3	N	N	0.0	N	N
R4403	13	47.8	Wing Fai Centre	71.8	72.3	72.6	0	28	12.1	0	0	0	28.1	72.6	70	Y	0.3	N	N	0.0	N	N
R4403	14	50.8	Wing Fai Centre	71.6	72.1	72.5	0	28.1	12.1	0	0	0	28.2	72.5	70	Y	0.4	N	N	0.0	N	N
R4403	15	53.8	Wing Fai Centre	71.4	71.9	72.2	0	28.2	12	0	0	0	28.3	72.2	70	Y	0.3	N	N	0.0	N	N
R4403	16	56.8	Wing Fai Centre	71.2	71.7	72	0	28.4	12	0	0	0	28.5	72	70	Y	0.3	N	N	0.0	N	N
R4403	17	59.8	Wing Fai Centre	71.0	71.5	71.8	0	28.5	12	0	0	0	28.6	71.8	70	Y	0.3	N	N	0.0	N	N
R4403	18	62.8	Wing Fai Centre	70.8	71.3	71.6	0	28.7	12	0	0	0	28.8	71.6	70	Y	0.3	N	N	0.0	N	N
R4403	19	65.8	Wing Fai Centre	70.6	71.1	71.4	0	28.8	12	0	0	0	28.9	71.4	70	Y	0.3	N	N	0.0	N	N
R4403	20	68.8	Wing Fai Centre	70.4	71.0	71.3	0	29	12	0	0	0	29.1	71.3	70	Y	0.3	N	N	0.0	N	N
R4403	21	71.8	Wing Fai Centre	70.3	70.8	71.1	0	29.1	11.9	0	0	0	29.2	71.1	70	Y	0.3	N	N	0.0	N	N
R4403	22	74.8	Wing Fai Centre	70.1	70.6	70.9	0	29.4	11.9	0	0	0	29.4	70.9	70	Y	0.3	N	N	0.0	N	N
R4403	23	77.8	Wing Fai Centre	70.0	70.5	70.8	0	29.5	11.9	0	0	0	29.6	70.8	70	Y	0.3	N	N	0.0	N	N
R4403	24	80.8	Wing Fai Centre	69.8	70.3	70.6	0	29.8	11.9	0	0	0	29.9	70.6	70	Y	0.3	N	N	0.0	N	N
R4403	25	83.8	Wing Fai Centre	69.7	70.2	70.5	0	30.1	11.9	0	0	0	30.2	70.5	70	Y	0.3	N	N	0.0	N	N
R4403	26	86.8	Wing Fai Centre	69.6	70.1	70.4	0	30.5	11.8	0	0	0	30.6	70.4	70	N	0.3	N	N	0.0	N	N
R4403	27	89.8	Wing Fai Centre	69.4	69.9	70.2	0	31	11.9	0	0	0	31.1	70.2	70	N	0.3	N	N	0.0	N	N
R4403	28	92.8	Wing Fai Centre	69.3	69.9	70.1	0	31.5	11.9	0	0	0	31.6	70.1	70	N	0.2	N	N	0.0	N	N
R4403	29	95.8	Wing Fai Centre	69.2	69.7	70	0	32	11.9	0	0	0	32.1	70	70	N	0.3	N	N	0.0	N	N
R4403	30	98.8	Wing Fai Centre	69.1	69.6	69.9	0	32.6	12.1	0	0	0	32.6	69.9	70	N	0.3	N	N	0.0	N	N
R4403	31	101.8	Wing Fai Centre	69.0	69.5	69.7	0	33.2	12.1	0	0	0	33.2	69.7	70	N	0.2	N	N	0.0	N	N
R4403	32	104.8	Wing Fai Centre	68.9	69.4	69.7	0	33.8	12.2	0	0	0	33.9	69.7	70	N	0.3	N	N	0.0	N	N
R4403	33	107.8	Wing Fai Centre	68.8	69.3	69.6	0	34.5	12.2	0	0	0	34.5	69.6	70	N	0.3	N	N	0.0	N	N
R4403	34	110.8	Wing Fai Centre	68.6	69.2	69.4	0	35.3	12.2	0	0	0	35.3	69.4	70	N	0.2	N	N	0.0	N	N
R4404	1	11.8	Wing Fai Centre	70.5	70.9	71	0	0	5.7	45.7	0	0	45.7	71	70	Y	0.1	N	N	0.0	N	N
R4404	2	14.8	Wing Fai Centre	70.8	71.2	71.3	0	0	5.6	48.9	0	0	48.9	71.3	70	Y	0.1	N	N	0.0	N	N
R4404	3	17.8	Wing Fai Centre	70.9	71.4	71.4	0	0	5.6	50.1	0	0	50.1	71.4	70	Y	0.0	N	N	0.0	N	N
R4404	4	20.8	Wing Fai Centre	70.8	71.3	71.4	0	0	5.6	50.5	0	0	50.5	71.4	70	Y	0.1	N	N	0.0	N	N
R4404	5	23.8	Wing Fai Centre	70.7	71.2	71.3	0	0	5.6	50.7	0	0	50.7	71.3	70	Y	0.1	N	N	0.0	N	N
R4404	6	26.8	Wing Fai Centre	70.6	71.1	71.2	0	0	5.6	50.7	0	0	50.7	71.2	70	Y	0.1	N	N	0.0	N	N
R4404	7	29.8	Wing Fai Centre	70.5	71.0	71	0	0	5.6	50.8	0	0	50.8	71.1	70	Y	0.1	N	N	0.1	N	N
R4404	8	32.8	Wing Fai Centre	70.4	70.9	70.9	0	0	5.6	50.9	0	0	50.9	71	70	Y	0.1	N	N	0.1	N	N
R4404	9	35.8	Wing Fai Centre	70.2	70.7	70.7	0	0	5.6	51	0	0	51	70.8	70	Y	0.1	N	N	0.1	N	N
R4404	10	38.8	Wing Fai Centre	70.0	70.5	70.5	0	0	5.5	51	0	0	51	70.6	70	Y	0.1	N	N	0.1	N	N
R4404	11	41.8	Wing Fai Centre	69.8	70.3	70.4	0	0	5.4	51.1	0	0	51.1	70.4	70	N	0.1	N	N	0.0	N	N
R4404	12	44.8	Wing Fai Centre	69.6	70.1	70.1	0	0	5.5	51.2	0	0	51.2	70.2	70	N	0.1	N	N	0.1	N	N
R4404	13	47.8	Wing Fai Centre	69.4	69.9	70	0	0	6	51.4	0	0	51.4	70	70	N	0.1	N	N	0.0	N	N
R4404	14	50.8	Wing Fai Centre	69.2	69.7	69.7	0	0	6	51.5	0	0	51.5	69.8	70	N	0.1	N	N	0.1	N	N
R4404	15	53.8	Wing Fai Centre	69.0	69.6	69.6	0	0	6.1	51.7	0	0	51.7	69.7	70	N	0.1	N	N	0.1	N	N
R4404	16	56.8	Wing Fai Centre	68.8	69.4	69.4	0	0	6.2	51.9	0	0	51.9	69.5	70	N	0.1	N	N	0.1	N	N
R4404	17	59.8	Wing Fai Centre	68.7	69.2	69.2	0	0	6.3	52.1	0	0	52.1	69.3	70	N	0.1	N	N	0.1	N	N
R4404	18	62.8	Wing Fai Centre	68.5	69.0	69	0	0	6.3	52.2	0	0	52.2	69.1	70	N	0.1	N	N	0.1	N	N
R4404	19	65.8	Wing Fai Centre	68.3	68.9	68.9	0	0	6	52.3	0	0	52.3	69	70	N	0.1	N	N	0.1	N	N
R4404	20	68.8	Wing Fai Centre	68.1	68.7	68.7	0	0	6.4	52.4	0	0	52.4	68.8	70	N	0.1	N	N	0.1	N	N
R4404	21	71.8	Wing Fai Centre	68.0	68.6	68.6	0	0	6.4	52.7	0	0	52.7	68.7	70	N	0.1	N	N	0.1	N	N
R4404	22	74.8	Wing Fai Centre	67.9	68.5	68.5	0	0	6.3	52.9	0	0	52.9	68.6	70	N	0.1	N	N	0.1	N	N
R4404	23	77.8	Wing Fai Centre	67.7	68.3	68.3	0	0	6.4	53.1	0	0	53.1	68.4	70	N	0.1	N	N	0.1	N	N
R4404	24	80.8	Wing Fai Centre	67.6	68.2	68.1	0	0	6.5	53.4	0	0	53.4	68.3	70	N	0.1	N	N	0.2	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4404	25	83.8	Wing Fai Centre	67.4	68.0	68	0	0	6.6	53.6	0	0	53.6	68.2	70	N	0.2	N	N	0.2	N	N
R4404	26	86.8	Wing Fai Centre	67.3	67.9	67.9	0	0	6.3	53.7	0	0	53.7	68	70	N	0.1	N	N	0.1	N	N
R4404	27	89.8	Wing Fai Centre	67.2	67.8	67.8	0	0	6.7	53.8	0	0	53.8	68	70	N	0.2	N	N	0.2	N	N
R4404	28	92.8	Wing Fai Centre	67.0	67.6	67.6	0	0	7.2	53.8	0	0	53.8	67.8	70	N	0.2	N	N	0.2	N	N
R4404	29	95.8	Wing Fai Centre	66.9	67.5	67.5	0	0	7.7	53.9	0	0	53.9	67.7	70	N	0.2	N	N	0.2	N	N
R4404	30	98.8	Wing Fai Centre	66.8	67.4	67.4	0	0	8.1	54	0	0	54	67.6	70	N	0.2	N	N	0.2	N	N
R4404	31	101.8	Wing Fai Centre	66.7	67.3	67.3	0	0	8.5	54	0	0	54	67.5	70	N	0.2	N	N	0.2	N	N
R4404	32	104.8	Wing Fai Centre	66.6	67.2	67.1	0	0	9	54.1	0	0	54.1	67.4	70	N	0.2	N	N	0.3	N	N
R4404	33	107.8	Wing Fai Centre	66.5	67.1	67.1	0	0	9.5	54.2	0	0	54.2	67.3	70	N	0.2	N	N	0.2	N	N
R4404	34	110.8	Wing Fai Centre	66.4	67.0	67	0	0	9.9	54.4	0	0	54.4	67.2	70	N	0.2	N	N	0.2	N	N
R4405	1	11.8	Wing Fai Centre	69.5	70.2	70.1	0	0	9.1	46.2	0	0	46.2	70.1	70	N	-0.1	N	N	0.0	N	N
R4405	2	14.8	Wing Fai Centre	70.1	70.9	70.8	0	0	9.1	49.7	0	0	49.7	70.8	70	Y	-0.1	N	N	0.0	N	N
R4405	3	17.8	Wing Fai Centre	70.3	71.1	70.9	0	0	9.1	50.6	0	0	50.6	71	70	Y	-0.1	N	N	0.1	N	N
R4405	4	20.8	Wing Fai Centre	70.3	71.1	70.9	0	0	9.1	50.9	0	0	50.9	71	70	Y	-0.1	N	N	0.1	N	N
R4405	5	23.8	Wing Fai Centre	70.2	71.0	70.8	0	0	9.1	51	0	0	51	70.8	70	Y	-0.2	N	N	0.0	N	N
R4405	6	26.8	Wing Fai Centre	70.1	70.9	70.7	0	0	9.1	51	0	0	51	70.7	70	Y	-0.2	N	N	0.0	N	N
R4405	7	29.8	Wing Fai Centre	70.0	70.8	70.6	0	0	9.1	51.1	0	0	51.1	70.7	70	Y	-0.1	N	N	0.1	N	N
R4405	8	32.8	Wing Fai Centre	69.9	70.7	70.5	0	0	9.1	51.1	0	0	51.1	70.5	70	Y	-0.2	N	N	0.0	N	N
R4405	9	35.8	Wing Fai Centre	69.7	70.5	70.3	0	0	9.1	51.1	0	0	51.1	70.4	70	N	-0.1	N	N	0.1	N	N
R4405	10	38.8	Wing Fai Centre	69.5	70.3	70.1	0	0	9.1	51.2	0	0	51.2	70.2	70	N	-0.1	N	N	0.1	N	N
R4405	11	41.8	Wing Fai Centre	69.4	70.2	69.9	0	0	8.9	51.3	0	0	51.3	70	70	N	-0.2	N	N	0.1	N	N
R4405	12	44.8	Wing Fai Centre	69.2	70.0	69.8	0	0	9.2	51.4	0	0	51.4	69.8	70	N	-0.2	N	N	0.0	N	N
R4405	13	47.8	Wing Fai Centre	69.0	69.8	69.6	0	0	9.5	51.5	0	0	51.5	69.6	70	N	-0.2	N	N	0.0	N	N
R4405	14	50.8	Wing Fai Centre	68.8	69.6	69.4	0	0	9.6	51.5	0	0	51.5	69.4	70	N	-0.2	N	N	0.0	N	N
R4405	15	53.8	Wing Fai Centre	68.6	69.4	69.2	0	0	9.2	51.6	0	0	51.6	69.3	70	N	-0.1	N	N	0.1	N	N
R4405	16	56.8	Wing Fai Centre	68.4	69.2	69	0	0	9.6	51.8	0	0	51.8	69.1	70	N	-0.1	N	N	0.1	N	N
R4405	17	59.8	Wing Fai Centre	68.3	69.1	68.9	0	0	9.7	51.9	0	0	51.9	68.9	70	N	-0.2	N	N	0.0	N	N
R4405	18	62.8	Wing Fai Centre	68.1	68.9	68.7	0	0	9.8	52	0	0	52	68.8	70	N	-0.1	N	N	0.1	N	N
R4405	19	65.8	Wing Fai Centre	67.9	68.7	68.5	0	0	9.8	52.2	0	0	52.2	68.6	70	N	-0.1	N	N	0.1	N	N
R4405	20	68.8	Wing Fai Centre	67.8	68.6	68.3	0	0	9.8	52.4	0	0	52.4	68.4	70	N	-0.2	N	N	0.1	N	N
R4405	21	71.8	Wing Fai Centre	67.7	68.5	68.2	0	0	9.9	52.6	0	0	52.6	68.3	70	N	-0.2	N	N	0.1	N	N
R4405	22	74.8	Wing Fai Centre	67.5	68.3	68	0	0	10	53	0	0	53	68.2	70	N	-0.1	N	N	0.2	N	N
R4405	23	77.8	Wing Fai Centre	67.4	68.1	67.9	0	0	10	53.3	0	0	53.3	68.1	70	N	0.0	N	N	0.2	N	N
R4405	24	80.8	Wing Fai Centre	67.2	68.0	67.7	0	0	10.2	53.5	0	0	53.5	67.9	70	N	-0.1	N	N	0.2	N	N
R4405	25	83.8	Wing Fai Centre	67.1	67.9	67.6	0	0	10.4	53.8	0	0	53.8	67.8	70	N	-0.1	N	N	0.2	N	N
R4405	26	86.8	Wing Fai Centre	66.9	67.7	67.5	0	0	10.4	53.9	0	0	53.9	67.7	70	N	0.0	N	N	0.2	N	N
R4405	27	89.8	Wing Fai Centre	66.8	67.6	67.4	0	0	10.9	54	0	0	54	67.6	70	N	0.0	N	N	0.2	N	N
R4405	28	92.8	Wing Fai Centre	66.7	67.4	67.2	0	0	11.4	54.1	0	0	54.1	67.4	70	N	0.0	N	N	0.2	N	N
R4405	29	95.8	Wing Fai Centre	66.6	67.3	67.1	0	0	11.9	54.2	0	0	54.2	67.3	70	N	0.0	N	N	0.2	N	N
R4405	30	98.8	Wing Fai Centre	66.5	67.3	67	0	0	12.4	54.3	0	0	54.3	67.2	70	N	-0.1	N	N	0.2	N	N
R4405	31	101.8	Wing Fai Centre	66.3	67.1	66.9	0	0	13	54.5	0	0	54.5	67.1	70	N	0.0	N	N	0.2	N	N
R4405	32	104.8	Wing Fai Centre	66.2	67.0	66.8	0	0	13.5	54.7	0	0	54.7	67	70	N	0.0	N	N	0.2	N	N
R4405	33	107.8	Wing Fai Centre	66.1	66.9	66.7	0	0	14.1	54.9	0	0	54.9	66.9	70	N	0.0	N	N	0.2	N	N
R4405	34	110.8	Wing Fai Centre	66.0	66.8	66.6	0	0	14.6	55.2	0	0	55.2	66.9	70	N	0.1	N	N	0.3	N	N
R4406	1	11.8	Wing Fai Centre	66.2	67.7	66.7	0	0	0	47.2	0	0	47.2	66.7	70	N	-1.0	N	N	0.0	N	N
R4406	2	14.8	Wing Fai Centre	67.5	69.0	67.9	0	0	0	50.8	0	0	50.8	68	70	N	-1.0	N	N	0.1	N	N
R4406	3	17.8	Wing Fai Centre	67.9	69.4	68.3	0	0	0	51.7	0	0	51.7	68.4	70	N	-1.0	N	N	0.1	N	N
R4406	4	20.8	Wing Fai Centre	68.0	69.5	68.4	0	0	0	51.8	0	0	51.8	68.5	70	N	-1.0	N	N	0.1	N	N
R4406	5	23.8	Wing Fai Centre	67.9	69.4	68.3	0	0	0	51.9	0	0	51.9	68.4	70	N	-1.0	N	N	0.1	N	N
R4406	6	26.8	Wing Fai Centre	67.8	69.3	68.2	0	0	0	51.9	0	0	51.9	68.3	70	N	-1.0	N	N	0.1	N	N
R4406	7	29.8	Wing Fai Centre	67.6	69.1	68	0	0	0	51.9	0	0	51.9	68.1	70	N	-1.0	N	N	0.1	N	N
R4406	8	32.8	Wing Fai Centre	67.4	68.9	67.9	0	0	0	52	0	0	52	68	70	N	-0.9	N	N	0.1	N	N
R4406	9	35.8	Wing Fai Centre	67.2	68.7	67.7	0	0	0	52	0	0	52	67.8	70	N	-0.9	N	N	0.1	N	N
R4406	10	38.8	Wing Fai Centre	67.1	68.5	67.5	0	0	0	52.1	0	0	52.1	67.6	70	N	-0.9	N	N	0.1	N	N
R4406	11	41.8	Wing Fai Centre	66.9	68.4	67.3	0	0	0	52.2	0	0	52.2	67.4	70	N	-1.0	N	N	0.1	N	N
R4406	12	44.8	Wing Fai Centre	66.7	68.2	67.1	0	0	0	52.3	0	0	52.3	67.3	70	N	-0.9	N	N	0.2	N	N
R4406	13	47.8	Wing Fai Centre	66.5	68.0	66.9	0	0	0	52.4	0	0	52.4	67.1	70	N	-0.9	N	N	0.2	N	N
R4406	14	50.8	Wing Fai Centre	66.3	67.8	66.8	0	0	0	52.7	0	0	52.7	66.9	70	N	-0.9	N	N	0.1	N	N
R4406	15	53.8	Wing Fai Centre	66.2	67.6	66.6	0	0	0	53	0	0	53	66.8	70	N	-0.8	N	N	0.2	N	N
R4406	16	56.8	Wing Fai Centre	66.0	67.5	66.4	0	0	0	53.2	0	0	53.2	66.6	70	N	-0.9	N	N	0.2	N	N
R4406	17	59.8	Wing Fai Centre	65.9	67.3	66.3	0	0	0	53.6	0	0	53.6	66.5	70	N	-0.8	N	N	0.2	N	N
R4406	18	62.8	Wing Fai Centre	65.7	67.2	66.1	0	0	0	54.1	0	0	54.1	66.4	70	N	-0.8	N	N	0.3	N	N
R4406	19	65.8	Wing Fai Centre	65.6	67.0	66	0	0	0	55	0	0	55	66.3	70	N	-0.7	N	N	0.3	N	N
R4406	20	68.8	Wing Fai Centre	65.4	66.8	65.8	0	0	0	55.8	0	0	55.8	66.2	70	N	-0.6	N	N	0.4	N	N
R4406	21	71.8	Wing Fai Centre	65.2	66.7	65.6	0	0	0	56.3	0	0	56.3	66.1	70	N	-0.6	N	N	0.5	N	N
R4406	22	74.8	Wing Fai Centre	65.1	66.5	65.5	0	0	0	56.5	0	0	56.5	66.1	70	N	-0.4	N	N	0.6	N	N
R4406	23	77.8	Wing Fai Centre	65.0	66.4	65.4	0	0	0	56.7	0	0	56.7	65.9	70	N	-0.5	N	N	0.5	N	N
R4406	24	80.8	Wing Fai Centre	64.8	66.3	65.2	0	0	0	56.8	0	0	56.8	65.8	70	N	-0.5	N	N	0.6	N	N
R4406	25	83.8	Wing Fai Centre	64.7	66.1	65.1	0	0	0	56.9	0	0	56.9	65.7	70	N	-0.4	N	N	0.6	N	N
R4406	26	86.8	Wing Fai Centre	64.6	66.0	65	0	0	0	57	0	0	57	65.6	70	N	-0.4	N	N	0.6	N	N
R4406	27	89.8	Wing Fai Centre	64.5	65.9	64.9	0	0	0	57.1	0	0	57.1	65.6	70	N	-0.3	N	N	0.7	N	N
R4406	28	92.8	Wing Fai Centre	64.3	65.7	64.7	0	0	0	57.1	0	0	57.1	65.4	70	N	-0.3	N	N	0.7	N	N
R4406	29	95.8	Wing Fai Centre	64.3	65.6	64.7	0	0	0	57.2	0	0	57.2	65.4	70	N	-0.2	N	N	0.7	N	N
R4406	30	98.8	Wing Fai Centre	64.2	65.6	64.6	0	0	0	57.2	0	0	57.2	65.3	70	N	-0.3	N	N	0.7	N	N
R4406	31	101.8	Wing Fai Centre	64.0	65.4	64.5	0	0	0	57.3	0	0	57.3	65.2	70	N	-0.2	N	N	0.7	N	N
R4406	32	104.8	Wing Fai Centre	63.9	65.3	64.3	0	0	0	57.4	0	0	57.4	65.1	70	N	-0.2	N	N	0.8	N	N
R4406	33	107.8	Wing Fai Centre	63.8	65.2	64.3	0	0	0	57.4	0	0	57.4	65.1	70	N	-0.1	N	N	0.8	N	N
R4406	34	110.8	Wing Fai Centre	63.8	65.1	64.2	0	0	0	57.4	0	0	57.4	65	70	N	-0.1	N	N	0.8	N	N
R4407	1	11.8	Wing Fai Centre	66.2	67.8	66.4	0	17.9	12.1	55.4	0	0	55.4	66.8	70	N	-1.0	N	N	0.4	N	N
R4407	2	14.8	Wing Fai Centre	67.4	69.1	67.6	0	17.9	12.2	58.5	0	0	58.5	68.1	70	N	-1.0	N	N	0.5	N	N
R4407	3	17.8	Wing Fai Centre	67.8	69.5	68	0	17.9	12.2	59.4	0	0	59.4	68.6	70	N	-0.9	N	N	0.6	N	N
R4407	4	20.8	Wing Fai Centre	67.9	69.6	68.1	0	17.9	12.2	59.7	0	0	59.7	68.7	70	N	-0.9	N	N	0.6	N	N
R4407	5	23.8	Wing Fai Centre	67.8	69.5	68	0	17.9	12.2	59.8	0	0	59.8	68.6	70	N	-0.9	N	N	0.6	N	N
R4407	6	26.8	Wing Fai Centre	67.7	69.4	67.9	0	17.9	12.2	59.9	0	0	59.9	68.5	70	N	-0.9	N	N	0.6	N	N
R4407	7	29.8	Wing Fai Centre	67.6	69.2	67.7	0	17.9	12.2	59.9	0	0	59.9	68.4	70	N	-0.8	N	N	0.7	N	N
R4407	8	32.8	Wing Fai Centre	67.4	69.1	67.6	0	17.9	12.2	59.9	0	0	59.9	68.2	70	N	-0.9	N	N	0.6	N	N
R4407	9	35.8	Wing Fai Centre	67.2	68.8	67.3	0	17.9	12.2	59.9	0	0	59.9	68	70	N	-0.8	N	N	0.7	N	N
R4407	10	38.8	Wing Fai Centre	67.1	68.7	67.2	0	17.8	12.2	59.9	0	0	59.9	67.9	70	N	-0.8	N	N	0.7	N	N
R4407	11	41.8	Wing Fai Centre	66.9	68.5	67	0	17.8	12.2	59.8	0	0	59.8	67.8	70	N	-0.7	N	N	0.8	N	N
R4407	12	44.8	Wing Fai Centre	66.8	68.4	66.8	0	17.8	12.1	59.8	0	0	59.8	67.6	70	N	-0.8	N	N	0.8	N	N
R4407	13	47.8	Wing Fai Centre	66.6	68.2	66.6	0	17.8	12.1	59.9	0	0	59.9	67.4	70	N	-0.8	N	N	0.8	N	N
R4407	14	50.8	Wing Fai Centre	66.4	68.0	66.4	0	17.8	12.2	59.9	0	0	59.9	67.3	70	N	-0.7	N	N	0.9	N	N
R4407	15	53.8	Wing Fai Centre	66.3	67.8	66.2	0	17.8	12.2	59.9	0	0	59.9	67.1	70	N	-0.7	N	N	0.9	N	N
R4407	16	56.8	Wing Fai Centre	66.1	67.7	66.1	0	17.8	12.2	60	0	0	60	67	70	N	-0.7	N	N	0.9	N	N
R4407	17	59.8	Wing Fai Centre	65.9	67.5	65.9	0	17.7	12.2	60.2	0	0	60.2	66.9	70	N	-0.6	N	N	1.0	N	N
R4407	18	62.8	Wing Fai Centre	65.8	67.3	65.7	0	17.7	12.2	60.4	0	0	60.4	66.8	70	N	-0.5	N	N	1.1	Y	N
R4407	19	65.8	Wing Fai Centre	65.6	67.2	65.5	0	17.7	12.3	60.5	0	0	60.5	66.7	70	N	-0.5	N	N	1.2	Y	N
R4407	20	68.8	Wing Fai Centre	65.5	67.0	65.4	0	17.7	12.3	60.5	0	0	60.5	66.6	70	N	-0.4	N	N	1.2	Y	N
R4407	21	71.8	Wing Fai Centre	65.3	66.8	65.2	0	17.7	12.3	60.6	0	0	60.6	66.5	70	N	-0.3	N	N	1.3	Y	N
R4407	22	74.8	Wing Fai Centre	65.2	66.8	65.1	0	17.6	12.2	60.6	0	0	60.6	66.4	70	N	-0.4	N	N	1.3	Y	N
R4407	23	77.8	Wing Fai Centre	65.1	66.6	64.9	0	17.6	12.3	60.6	0	0	60.6	66.3	70	N	-0.3	N	N	1.4	Y	N
R4407	24	80.8	Wing Fai Centre	64.9	66.4	64.8	0	17.6	12.2	60.6	0	0	60.6	66.2	70	N	-0.2	N	N	1.4	Y	N
R4407	25	83.8	Wing Fai Centre	64.8	66.3	64.7	0	17.7	12.1	60.5	0	0	60.5	66.1	70	N	-0.2	N	N	1.4	Y	N
R4407	26	86.8	Wing Fai Centre	64.7	66.2	64.6	0	17.7	12.5	60.5	0	0	60.5	66.1	70	N	-0.1	N	N	1.5	Y	N
R4407	27	89.8	Wing Fai Centre	64.6	66.1	64.6	0	18.2	13.4	60.5	0	0	60.5	66.1	70	N	0.0	N	N	1.5	Y	N
R4407	28	92.8	Wing Fai Centre	64.4	65.9	64.5	0	19	13.7	60.6	0	0	60.6	66	70	N	0.1	N	N	1.5	Y	N
R4407	29	95.8	Wing Fai Centre	64.3	65.8	64.5	0	19.2	14.1	60.6	0	0	60.6	66	70	N	0.2	N	N	1.5	Y	N
R4407	30	98.8	Wing Fai Centre	64.2	65.7	64.4	0	19.1	14.5	60.6	0	0	60.6	65.9	70	N	0.2	N	N	1.5	Y	N
R4407	31	101.8	Wing Fai Centre	64.1	65.6	64.3	0	19.3	14.8	60.6	0	0	60.6	65.9	70	N	0.3	N	N	1.6	Y	N
R4407	32	104.8	Wing Fai Centre	64.0	65.5	64.2	0	19.4	15.3	60.6	0	0	60.6	65.8	70	N	0.3	N	N	1.6	Y	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4407	33	107.8	Wing Fai Centre	63.9	65.4	64.1	0	19.4	15.8	60.6	0	0	60.6	65.7	70	N	0.3	N	N	1.6	Y	N
R4407	34	110.8	Wing Fai Centre	63.8	65.2	64	0	19.4	16.3	60.6	0	0	60.6	65.6	70	N	0.4	N	N	1.6	Y	N
R4421	1	26.5	Belair Monte	62.3	62.2	54.9	0	54.5	32.4	42.2	0	0	54.8	57.9	70	N	-4.3	N	N	3.0	Y	N
R4421	2	29.5	Belair Monte	65.9	65.9	58.5	0	59.3	35.2	47.8	0	0	59.6	62.1	70	N	-3.8	N	N	3.6	Y	N
R4421	3	32.5	Belair Monte	67.1	67.1	62.7	0	61.4	38.2	48.7	0	0	61.6	65.2	70	N	-1.9	N	N	2.5	Y	N
R4421	4	35.5	Belair Monte	67.9	68.2	65.9	0	61.7	42.3	48.7	0	0	62	67.3	70	N	-0.9	N	N	1.4	Y	N
R4421	5	38.5	Belair Monte	68.7	69.2	67.1	0	61.8	45.2	48.7	0	0	62.1	68.3	70	N	-0.9	N	N	1.2	Y	N
R4421	6	41.5	Belair Monte	69.1	69.7	67.7	0	61.8	46.9	48.7	0	0	62.1	68.8	70	N	-0.9	N	N	1.1	Y	N
R4421	7	44.5	Belair Monte	69.5	70.2	68	0	61.8	47.7	48.7	0	0	62.2	69	70	N	-1.2	N	N	1.0	N	N
R4421	8	47.5	Belair Monte	69.7	70.5	68	0	61.8	48.2	48.6	0	0	62.2	69	70	N	-1.5	N	N	1.0	N	N
R4421	9	50.5	Belair Monte	69.7	70.6	68	0	61.8	48.2	48.6	0	0	62.2	69	70	N	-1.6	N	N	1.0	N	N
R4421	10	53.5	Belair Monte	69.7	70.6	68	0	61.9	48.2	48.6	0	0	62.2	69	70	N	-1.6	N	N	1.0	N	N
R4421	11	56.5	Belair Monte	69.8	70.6	67.9	0	61.9	48	48.6	0	0	62.2	68.9	70	N	-1.7	N	N	1.0	N	N
R4421	12	59.5	Belair Monte	69.7	70.6	67.8	0	61.9	47.8	48.6	0	0	62.2	68.8	70	N	-1.8	N	N	1.0	N	N
R4421	13	62.5	Belair Monte	69.7	70.5	67.7	0	61.9	47.7	48.6	0	0	62.2	68.8	70	N	-1.7	N	N	1.1	Y	N
R4421	14	65.5	Belair Monte	69.6	70.4	67.6	0	61.9	47.6	48.5	0	0	62.2	68.7	70	N	-1.7	N	N	1.1	Y	N
R4421	15	68.5	Belair Monte	69.5	70.3	67.6	0	62	47.4	48.5	0	0	62.3	68.7	70	N	-1.6	N	N	1.1	Y	N
R4421	16	71.5	Belair Monte	69.4	70.2	67.5	0	62.1	47.2	48.5	0	0	62.4	68.7	70	N	-1.5	N	N	1.2	Y	N
R4421	17	74.5	Belair Monte	69.4	70.1	67.5	0	62.3	47	48.5	0	0	62.6	68.7	70	N	-1.4	N	N	1.2	Y	N
R4421	18	77.5	Belair Monte	69.2	70.0	67.5	0	62.5	46.9	48.4	0	0	62.7	68.8	70	N	-1.2	N	N	1.3	Y	N
R4421	19	80.5	Belair Monte	69.2	69.9	67.5	0	62.7	46.7	48.4	0	0	62.9	68.8	70	N	-1.1	N	N	1.3	Y	N
R4421	20	83.5	Belair Monte	69.1	69.8	67.5	0	62.9	46.6	48.4	0	0	63.1	68.8	70	N	-1.0	N	N	1.3	Y	N
R4421	21	86.5	Belair Monte	69.0	69.7	67.5	0	63.1	46.4	48.5	0	0	63.3	68.9	70	N	-0.8	N	N	1.4	Y	N
R4421	22	89.5	Belair Monte	68.9	69.6	67.6	0	63.4	46.3	48.6	0	0	63.6	69	70	N	-0.6	N	N	1.4	Y	N
R4421	23	92.5	Belair Monte	68.8	69.5	67.6	0	63.6	46.1	48.7	0	0	63.8	69.1	70	N	-0.4	N	N	1.5	Y	N
R4421	24	95.5	Belair Monte	68.7	69.4	67.6	0	63.9	46	48.9	0	0	64.1	69.2	70	N	-0.2	N	N	1.6	Y	N
R4421	25	98.5	Belair Monte	68.7	69.4	67.5	0	64.2	45.8	49	0	0	64.4	69.2	70	N	-0.2	N	N	1.7	Y	N
R4421	26	101.5	Belair Monte	68.6	69.3	67.5	0	64.5	45.7	49.1	0	0	64.7	69.3	70	N	0.0	N	N	1.8	Y	N
R4421	27	104.5	Belair Monte	68.5	69.2	67.4	0	64.7	45.6	49.1	0	0	64.9	69.4	70	N	0.2	N	N	2.0	Y	N
R4421	28	107.5	Belair Monte	68.4	69.1	67.4	0	64.9	45.5	49.2	0	0	65.1	69.4	70	N	0.3	N	N	2.0	Y	N
R4421	29	110.5	Belair Monte	68.3	69.0	67.4	0	65	45.3	49.2	0	0	65.2	69.4	70	N	0.4	N	N	2.0	Y	N
R4421	30	113.5	Belair Monte	68.3	68.9	67.3	0	65.1	45.2	49.5	0	0	65.3	69.4	70	N	0.5	N	N	2.1	Y	N
R4422	1	26.5	Belair Monte	60.6	60.6	53.9	0	49.6	32.2	0	0	0	49.7	55.3	70	N	-5.3	N	N	1.4	Y	N
R4422	2	29.5	Belair Monte	64.7	64.7	56.9	0	53	34.6	0	0	0	53	58.4	70	N	-6.3	N	N	1.5	Y	N
R4422	3	32.5	Belair Monte	65.6	65.8	58.6	0	57	37	0	0	0	57	60.9	70	N	-4.9	N	N	2.3	Y	N
R4422	4	35.5	Belair Monte	66.2	66.4	60	0	60.1	39.9	0	0	0	60.2	63.1	70	N	-3.3	N	N	3.1	Y	N
R4422	5	38.5	Belair Monte	66.8	66.9	61.4	0	61.1	43.3	0	0	0	61.2	64.3	70	N	-2.6	N	N	2.9	Y	N
R4422	6	41.5	Belair Monte	67.1	67.2	62.9	0	61.3	46.5	0	0	0	61.5	65.2	70	N	-2.0	N	N	2.3	Y	N
R4422	7	44.5	Belair Monte	67.3	67.5	64	0	61.4	47.3	0	0	0	61.6	66	70	N	-1.5	N	N	2.0	Y	N
R4422	8	47.5	Belair Monte	67.5	67.7	65.1	0	61.3	47.5	0	0	0	61.5	66.7	70	N	-1.0	N	N	1.6	Y	N
R4422	9	50.5	Belair Monte	67.6	67.8	66	0	61.3	47.5	0	0	0	61.5	67.3	70	N	-0.5	N	N	1.3	Y	N
R4422	10	53.5	Belair Monte	67.7	67.9	66.5	0	61.2	47.4	0	0	0	61.4	67.7	70	N	-0.2	N	N	1.2	Y	N
R4422	11	56.5	Belair Monte	67.6	67.9	66.8	0	61.2	47.2	0	0	0	61.4	67.9	70	N	0.0	N	N	1.1	Y	N
R4422	12	59.5	Belair Monte	67.7	68.0	67.1	0	61.2	47.2	0	0	0	61.3	68.1	70	N	0.1	N	N	1.0	N	N
R4422	13	62.5	Belair Monte	67.7	68.0	67.4	0	61.1	47	0	0	0	61.2	68.3	70	N	0.3	N	N	0.9	N	N
R4422	14	65.5	Belair Monte	67.7	68.0	67.7	0	61.1	47	0	0	0	61.3	68.6	70	N	0.6	N	N	0.9	N	N
R4422	15	68.5	Belair Monte	67.6	68.0	68.2	0	61	46.8	0	0	0	61.2	68.9	70	N	0.9	N	N	0.7	N	N
R4422	16	71.5	Belair Monte	67.6	67.9	68.5	0	61	46.7	0	0	0	61.2	69.2	70	N	1.3	Y	N	0.7	N	N
R4422	17	74.5	Belair Monte	67.6	67.9	68.7	0	61	46.5	0	0	0	61.2	69.4	70	N	1.5	Y	N	0.7	N	N
R4422	18	77.5	Belair Monte	67.5	67.8	68.9	0	61	46.4	0	0	0	61.1	69.5	70	N	1.7	Y	N	0.6	N	N
R4422	19	80.5	Belair Monte	67.5	67.8	69	0	61	46.3	0	0	0	61.2	69.7	70	N	1.9	Y	N	0.7	N	N
R4422	20	83.5	Belair Monte	67.4	67.7	69.2	0	61.2	46.1	0	0	0	61.3	69.8	70	N	2.1	Y	N	0.6	N	N
R4422	21	86.5	Belair Monte	67.3	67.6	69.4	0	61.4	46.1	0	0	0	61.5	70	70	N	2.4	Y	N	0.6	N	N
R4422	22	89.5	Belair Monte	67.3	67.6	69.5	0	61.7	46	0	0	0	61.9	70.2	70	N	2.6	Y	N	0.7	N	N
R4422	23	92.5	Belair Monte	67.2	67.5	69.7	0	62.1	45.8	0	0	0	62.2	70.4	70	N	2.9	Y	N	0.7	N	N
R4422	24	95.5	Belair Monte	67.2	67.5	69.9	0	62.4	45.7	0	0	0	62.5	70.6	70	Y	3.1	Y	N	0.7	N	Y
R4422	25	98.5	Belair Monte	67.1	67.4	70.1	0	62.5	45.6	0	0	0	62.6	70.8	70	Y	3.4	Y	N	0.7	N	Y
R4422	26	101.5	Belair Monte	67.1	67.3	70.2	0	62.7	45.6	0	0	0	62.8	70.9	70	Y	3.6	Y	N	0.7	N	Y
R4422	27	104.5	Belair Monte	67.0	67.3	70.3	0	63	45.5	0	0	0	63.1	71	70	Y	3.7	Y	N	0.7	N	Y
R4422	28	107.5	Belair Monte	67.0	67.3	70.3	0	63.3	45.4	0	0	0	63.4	71.1	70	Y	3.8	Y	N	0.8	N	Y
R4422	29	110.5	Belair Monte	66.9	67.2	70.3	0	63.5	45.2	0	0	0	63.6	71.2	70	Y	4.0	Y	N	0.9	N	Y
R4422	30	113.5	Belair Monte	66.8	67.1	70.3	0	63.6	45.1	0	0	0	63.7	71.1	70	Y	4.0	Y	N	0.8	N	Y
R4423	1	26.5	Belair Monte	53.5	53.7	54.1	0	48.6	30.4	0	0	0	48.6	55.2	70	N	1.5	Y	N	1.1	Y	N
R4423	2	29.5	Belair Monte	56.3	56.5	56.3	0	49.6	32.3	0	0	0	49.6	57.1	70	N	0.6	N	N	0.8	N	N
R4423	3	32.5	Belair Monte	60.1	60.4	59.4	0	50.3	34.3	0	0	0	50.4	59.9	70	N	-0.5	N	N	0.5	N	N
R4423	4	35.5	Belair Monte	63.3	63.5	62.5	0	51	37.1	0	0	0	51.2	62.8	70	N	-0.7	N	N	0.3	N	N
R4423	5	38.5	Belair Monte	64.4	64.6	63.6	0	51.9	39.5	0	0	0	52.1	63.9	70	N	-0.7	N	N	0.3	N	N
R4423	6	41.5	Belair Monte	65.0	65.2	64.3	0	52.8	41.2	0	0	0	53.1	64.7	70	N	-0.5	N	N	0.4	N	N
R4423	7	44.5	Belair Monte	65.4	65.6	64.9	0	54	41.9	0	0	0	54.2	65.3	70	N	-0.3	N	N	0.4	N	N
R4423	8	47.5	Belair Monte	65.7	65.9	65.4	0	54.9	42.2	0	0	0	55.1	65.8	70	N	-0.1	N	N	0.4	N	N
R4423	9	50.5	Belair Monte	65.8	66.0	65.6	0	55.6	42.4	0	0	0	55.8	66	70	N	0.0	N	N	0.4	N	N
R4423	10	53.5	Belair Monte	65.9	66.0	65.8	0	56.2	42.4	0	0	0	56.4	66.3	70	N	0.3	N	N	0.5	N	N
R4423	11	56.5	Belair Monte	65.9	66.1	66	0	56.9	42.3	0	0	0	57.1	66.5	70	N	0.4	N	N	0.5	N	N
R4423	12	59.5	Belair Monte	65.9	66.1	66.3	0	57.4	42.3	0	0	0	57.6	66.8	70	N	0.7	N	N	0.5	N	N
R4423	13	62.5	Belair Monte	66.0	66.2	66.6	0	58.1	42.3	0	0	0	58.2	67.2	70	N	1.0	N	N	0.6	N	N
R4423	14	65.5	Belair Monte	66.1	66.3	67.2	0	58.6	42.3	0	0	0	58.7	67.7	70	N	1.4	Y	N	0.5	N	N
R4423	15	68.5	Belair Monte	66.2	66.4	67.6	0	59	42.3	0	0	0	59.1	68.2	70	N	1.8	Y	N	0.6	N	N
R4423	16	71.5	Belair Monte	66.3	66.5	67.9	0	59.3	42.3	0	0	0	59.4	68.5	70	N	2.0	Y	N	0.6	N	N
R4423	17	74.5	Belair Monte	66.3	66.5	68.2	0	59.5	42.3	0	0	0	59.6	68.8	70	N	2.3	Y	N	0.6	N	N
R4423	18	77.5	Belair Monte	66.3	66.5	68.4	0	59.6	42.3	0	0	0	59.7	68.9	70	N	2.4	Y	N	0.5	N	N
R4423	19	80.5	Belair Monte	66.3	66.5	68.5	0	59.7	42.2	0	0	0	59.8	69.1	70	N	2.6	Y	N	0.6	N	N
R4423	20	83.5	Belair Monte	66.4	66.6	68.8	0	59.7	42.2	0	0	0	59.8	69.3	70	N	2.7	Y	N	0.5	N	N
R4423	21	86.5	Belair Monte	66.3	66.5	68.8	0	59.7	42.2	0	0	0	59.8	69.3	70	N	2.8	Y	N	0.5	N	N
R4423	22	89.5	Belair Monte	66.3	66.5	69.1	0	59.7	42.1	0	0	0	59.8	69.6	70	N	3.1	Y	N	0.5	N	N
R4423	23	92.5	Belair Monte	66.4	66.6	69.3	0	59.7	42.1	0	0	0	59.8	69.8	70	N	3.2	Y	N	0.5	N	N
R4423	24	95.5	Belair Monte	66.4	66.6	69.5	0	59.7	42.1	0	0	0	59.7	70	70	N	3.4	Y	N	0.5	N	N
R4423	25	98.5	Belair Monte	66.4	66.6	69.7	0	59.6	42.1	0	0	0	59.7	70.1	70	N	3.5	Y	N	0.4	N	N
R4423	26	101.5	Belair Monte	66.3	66.5	69.8	0	59.6	42.1	0	0	0	59.7	70.2	70	N	3.7	Y	N	0.4	N	N
R4423	27	104.5	Belair Monte	66.3	66.5	69.9	0	59.6	42	0	0	0	59.7	70.3	70	N	3.8	Y	N	0.4	N	N
R4423	28	107.5	Belair Monte	66.3	66.5	69.9	0	59.6	42	0	0	0	59.7	70.3	70	N	3.8	Y	N	0.4	N	N
R4423	29	110.5	Belair Monte	66.2	66.4	69.9	0	59.6	42.1	0	0	0	59.6	70.3	70	N	3.9	Y	N	0.4	N	N
R4423	30	113.5	Belair Monte	66.1	66.3	69.9	0	59.6	42	0	0	0	59.7	70.3	70	N	4.0	Y	N	0.4	N	N
R4424	1	26.5	Belair Monte	62.3	63.3	62.8	0	37	9.3	59.2	0	0	59.2	64.4	70	N	1.1	Y	N	1.6	Y	N
R4424	2	29.5	Belair Monte	68.1	69.0	68.8	0	40.2	9.3	62.4	0	0	62.4	69.7	70	N	0.7	N	N	0.9	N	N
R4424	3	32.5	Belair Monte	70.3	71.1	71	0	41.6	9.3	62.3	0	0	62.3	71.6	70	Y	0.5	N	N	0.6	N	N
R4424	4	35.5	Belair Monte	70.5	71.3	71.2	0	42.1	9.3	62.1	0	0	62.2	71.7	70	Y	0.4	N	N	0.5	N	N
R4424	5	38.5	Belair Monte	70.4	71.3	71.1	0	42.3	9.3	62	0	0	62	71.6	70	Y	0.3	N	N	0.5	N	N
R4424	6	41.5	Belair Monte	70.3	71.1	71	0	42.5	9.3	61.8	0	0	61.9	71.5	70	Y	0.4	N	N	0.5	N	N
R4424	7	44.5	Belair Monte	70.1	71.0	70.8	0	42.8	9.2	61.6	0	0	61.7	71.3	70	Y	0.3	N	N	0.5	N	N
R4424	8	47.5	Belair Monte	69.9	70.8	70.6	0	42.9	9.2	61.5	0	0	61.5	71.1	70	Y	0.3	N	N	0.5	N	N
R4424	9	50.5	Belair Monte	69.8	70.7	70.4	0	42.9	9.5	61.3	0	0	61.4	71	70	Y	0.3	N	N	0.6	N	N
R4424	10	53.5	Belair Monte	69.6	70.5	70.3	0	43.1	9.5	61.1	0	0	61.2	70.8	70	Y	0.3	N	N	0.5	N	N
R4424	11	56.5	Belair Monte	69.5	70.4	70.2	0	43.2	9.4	61	0	0	61.1	70.7	70	Y	0.3	N	N	0.5	N	N
R4424	12	59.5	Belair Monte	69.3	70.2	70	0	43.2	9.5	60.8	0	0	60.9	70.5	70	Y	0.3	N	N	0.5	N	N
R4424	13	62.5	Belair Monte	69.2	70.1	69.8	0	43.4	9.5	60.7	0	0	60.8	70.3	70	N	0.2	N	N	0.5	N	N
R4424	14	65.5	Belair Monte	69.0	70.0	69.7	0	43.5	9.5	60.6	0	0	60.6	70.2	70	N	0.2	N	N	0.5	N	N
R4424	15	68.5	Belair Monte	68.9	69.8	69.5	0	43.7	9.5	60.4	0	0	60.5	70.1	70	N	0.3	N	N	0.6	N	N
R4424	16	71.5	Belair Monte	68.8	69.7	69.4	0	43.8	9.6	60.3	0	0	60.4	69.9	70	N	0.2	N	N	0.5	N	N
R4424	17	74.5	Belair Monte	68.6	69.6	69.3	0	44	9.6	60.2	0	0	60.3	69.8	70	N	0.2	N	N	0.5	N	N
R4424	18	77.5	Belair Monte	68.5	69.4	69.1	0	44.1	9.6	60	0	0	60.1	69.6	70	N	0.2	N	N	0.5	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS PD	NEW ROADS DD	NEW ROADS OTHER	NEW ROADS EX	NEW ROADS TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance C - A	Check Project Impact Significance D	Check Direct Mitigation B > Criteria	Check Direct Mitigation New Roads Contribution	Check Direct Mitigation E	Mitigation Measures Required[2,3] (Y/N)
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4424	19	80.5	Belair Monte	68.4	69.3	69	0	44.3	9.6	59.9	0	0	60	69.5	70	N	0.2	N	N	0.5	N	N
R4424	20	83.5	Belair Monte	68.2	69.1	68.8	0	44.4	9.6	59.8	0	0	59.9	69.4	70	N	0.3	N	N	0.6	N	N
R4424	21	86.5	Belair Monte	68.1	69.0	68.7	0	44.6	9.6	59.6	0	0	59.8	69.3	70	N	0.3	N	N	0.6	N	N
R4424	22	89.5	Belair Monte	68.0	68.9	68.6	0	44.8	9.6	59.5	0	0	59.7	69.1	70	N	0.2	N	N	0.5	N	N
R4424	23	92.5	Belair Monte	67.9	68.8	68.5	0	45.1	9.6	59.4	0	0	59.6	69	70	N	0.2	N	N	0.5	N	N
R4424	24	95.5	Belair Monte	67.8	68.7	68.4	0	45.4	9.5	59.3	0	0	59.5	68.9	70	N	0.2	N	N	0.5	N	N
R4424	25	98.5	Belair Monte	67.6	68.6	68.3	0	45.7	9.5	59.2	0	0	59.4	68.8	70	N	0.2	N	N	0.5	N	N
R4424	26	101.5	Belair Monte	67.5	68.5	68.2	0	46.2	9.6	59.1	0	0	59.3	68.7	70	N	0.2	N	N	0.5	N	N
R4424	27	104.5	Belair Monte	67.4	68.4	68.1	0	46.8	9.5	59	0	0	59.3	68.6	70	N	0.2	N	N	0.5	N	N
R4424	28	107.5	Belair Monte	67.3	68.3	68	0	47.4	10	58.9	0	0	59.2	68.5	70	N	0.2	N	N	0.5	N	N
R4424	29	110.5	Belair Monte	67.2	68.2	67.8	0	48.2	10.5	58.8	0	0	59.2	68.4	70	N	0.2	N	N	0.6	N	N
R4424	30	113.5	Belair Monte	67.1	68.1	67.8	0	48.9	11	58.8	0	0	59.2	68.3	70	N	0.2	N	N	0.5	N	N
R4425	1	26.5	Belair Monte	61.8	63.2	62.3	0	39.9	0	61.1	0	0	61.1	64.7	70	N	1.5	Y	N	2.4	Y	N
R4425	2	29.5	Belair Monte	67.0	68.4	67.6	0	41.6	0	63.2	0	0	63.2	69	70	N	0.6	N	N	1.4	Y	N
R4425	3	32.5	Belair Monte	68.8	70.2	69.4	0	41.9	0	63.1	0	0	63.1	70.3	70	N	0.1	N	N	0.9	N	N
R4425	4	35.5	Belair Monte	69.3	70.7	69.8	0	42.2	0	63	0	0	63.1	70.6	70	Y	-0.1	N	N	0.8	N	N
R4425	5	38.5	Belair Monte	69.4	70.7	69.9	0	42.4	0	63	0	0	63	70.7	70	Y	0.0	N	N	0.8	N	N
R4425	6	41.5	Belair Monte	69.2	70.6	69.8	0	42.5	0	62.9	0	0	62.9	70.6	70	Y	0.0	N	N	0.8	N	N
R4425	7	44.5	Belair Monte	69.1	70.4	69.6	0	42.6	0	62.8	0	0	62.9	70.4	70	N	0.0	N	N	0.8	N	N
R4425	8	47.5	Belair Monte	68.9	70.2	69.4	0	42.8	0	62.7	0	0	62.8	70.3	70	N	0.1	N	N	0.9	N	N
R4425	9	50.5	Belair Monte	68.7	70.1	69.3	0	42.9	0	62.6	0	0	62.7	70.1	70	N	0.0	N	N	0.8	N	N
R4425	10	53.5	Belair Monte	68.5	69.9	69.1	0	43	0	62.6	0	0	62.6	70	70	N	0.1	N	N	0.9	N	N
R4425	11	56.5	Belair Monte	68.4	69.7	68.9	0	43.2	0	62.5	0	0	62.5	69.8	70	N	0.1	N	N	0.9	N	N
R4425	12	59.5	Belair Monte	68.2	69.6	68.8	0	43.4	0	62.4	0	0	62.5	69.7	70	N	0.1	N	N	0.9	N	N
R4425	13	62.5	Belair Monte	68.1	69.4	68.6	0	43.6	0	62.3	0	0	62.4	69.5	70	N	0.1	N	N	0.9	N	N
R4425	14	65.5	Belair Monte	67.9	69.2	68.5	0	43.8	0	62.2	0	0	62.3	69.4	70	N	0.2	N	N	0.9	N	N
R4425	15	68.5	Belair Monte	67.8	69.1	68.3	0	44	0	62.1	0	0	62.2	69.2	70	N	0.1	N	N	0.9	N	N
R4425	16	71.5	Belair Monte	67.6	68.9	68.2	0	44.2	0	62	0	0	62.1	69.1	70	N	0.2	N	N	0.9	N	N
R4425	17	74.5	Belair Monte	67.5	68.8	68	0	44.5	0	61.9	0	0	62	69	70	N	0.2	N	N	1.0	N	N
R4425	18	77.5	Belair Monte	67.3	68.6	67.9	0	44.8	0	61.8	0	0	61.9	68.9	70	N	0.3	N	N	1.0	N	N
R4425	19	80.5	Belair Monte	67.2	68.5	67.7	0	45.1	0	61.7	0	0	61.8	68.7	70	N	0.2	N	N	1.0	N	N
R4425	20	83.5	Belair Monte	67.1	68.3	67.6	0	45.5	0	61.7	0	0	61.8	68.6	70	N	0.3	N	N	1.0	N	N
R4425	21	86.5	Belair Monte	66.9	68.2	67.5	0	46.1	0	61.6	0	0	61.7	68.5	70	N	0.3	N	N	1.0	N	N
R4425	22	89.5	Belair Monte	66.8	68.1	67.4	0	46.8	0	61.6	0	0	61.7	68.4	70	N	0.3	N	N	1.0	N	N
R4425	23	92.5	Belair Monte	66.7	67.9	67.2	0	47.7	0	61.5	0	0	61.7	68.3	70	N	0.4	N	N	1.1	Y	N
R4425	24	95.5	Belair Monte	66.6	67.8	67.1	0	48.7	0	61.4	0	0	61.7	68.2	70	N	0.4	N	N	1.1	Y	N
R4425	25	98.5	Belair Monte	66.4	67.7	67	0	49.8	0	61.4	0	0	61.7	68.1	70	N	0.4	N	N	1.1	Y	N
R4425	26	101.5	Belair Monte	66.3	67.6	66.9	0	50.8	0	61.4	0	0	61.7	68	70	N	0.4	N	N	1.1	Y	N
R4425	27	104.5	Belair Monte	66.2	67.5	66.8	0	51.7	0	61.3	0	0	61.8	68	70	N	0.5	N	N	1.2	Y	N
R4425	28	107.5	Belair Monte	66.1	67.3	66.7	0	52.5	0	61.3	0	0	61.8	67.9	70	N	0.6	N	N	1.2	Y	N
R4425	29	110.5	Belair Monte	66.0	67.3	66.6	0	53.1	0	61.2	0	0	61.9	67.8	70	N	0.5	N	N	1.2	Y	N
R4425	30	113.5	Belair Monte	65.9	67.2	66.5	0	53.7	0	61.2	0	0	61.9	67.8	70	N	0.6	N	N	1.3	Y	N
R4426	1	26.5	Belair Monte	57.7	58.1	57	0	45	14.5	53.3	0	0	53.9	58.7	70	N	0.6	N	N	1.7	Y	N
R4426	2	29.5	Belair Monte	60.8	61.4	59.8	0	48.7	14.5	57.7	0	0	58.2	62.1	70	N	0.7	N	N	2.3	Y	N
R4426	3	32.5	Belair Monte	63.5	64.5	63.4	0	49.7	14.4	57.8	0	0	58.4	64.6	70	N	0.1	N	N	1.2	Y	N
R4426	4	35.5	Belair Monte	65.3	66.5	65.5	0	50	14.4	57.8	0	0	58.4	66.3	70	N	-0.2	N	N	0.8	N	N
R4426	5	38.5	Belair Monte	66.3	67.7	66.4	0	50.1	14.4	57.7	0	0	58.4	67.1	70	N	-0.6	N	N	0.7	N	N
R4426	6	41.5	Belair Monte	66.8	68.3	66.7	0	50.1	14.3	57.7	0	0	58.4	67.3	70	N	-1.0	N	N	0.6	N	N
R4426	7	44.5	Belair Monte	67.0	68.5	66.7	0	50.1	14.3	57.7	0	0	58.4	67.3	70	N	-1.2	N	N	0.6	N	N
R4426	8	47.5	Belair Monte	66.9	68.4	66.7	0	50.2	14.2	57.6	0	0	58.3	67.3	70	N	-1.1	N	N	0.6	N	N
R4426	9	50.5	Belair Monte	66.8	68.3	66.6	0	50.3	14.2	57.5	0	0	58.3	67.2	70	N	-1.1	N	N	0.6	N	N
R4426	10	53.5	Belair Monte	66.8	68.2	66.4	0	50.4	14.1	57.5	0	0	58.3	67	70	N	-1.2	N	N	0.6	N	N
R4426	11	56.5	Belair Monte	66.6	68.1	66.3	0	50.5	14	57.4	0	0	58.2	66.9	70	N	-1.2	N	N	0.6	N	N
R4426	12	59.5	Belair Monte	66.5	68.0	66.2	0	50.7	14	57.4	0	0	58.2	66.8	70	N	-1.2	N	N	0.6	N	N
R4426	13	62.5	Belair Monte	66.4	67.8	66	0	50.9	13.9	57.3	0	0	58.2	66.7	70	N	-1.1	N	N	0.7	N	N
R4426	14	65.5	Belair Monte	66.3	67.7	65.9	0	51	13.8	57.2	0	0	58.2	66.6	70	N	-1.1	N	N	0.7	N	N
R4426	15	68.5	Belair Monte	66.2	67.6	65.8	0	51.2	13.8	57.2	0	0	58.2	66.5	70	N	-1.1	N	N	0.7	N	N
R4426	16	71.5	Belair Monte	66.1	67.5	65.6	0	51.4	13.7	57.2	0	0	58.2	66.3	70	N	-1.2	N	N	0.7	N	N
R4426	17	74.5	Belair Monte	66.0	67.4	65.5	0	51.7	13.6	57.1	0	0	58.2	66.3	70	N	-1.1	N	N	0.8	N	N
R4426	18	77.5	Belair Monte	65.9	67.3	65.4	0	52	13.5	57	0	0	58.2	66.1	70	N	-1.2	N	N	0.7	N	N
R4426	19	80.5	Belair Monte	65.8	67.2	65.3	0	52.3	13.5	57	0	0	58.2	66.1	70	N	-1.1	N	N	0.8	N	N
R4426	20	83.5	Belair Monte	65.7	67.0	65.1	0	52.6	13.4	56.9	0	0	58.3	66	70	N	-1.0	N	N	0.9	N	N
R4426	21	86.5	Belair Monte	65.7	67.0	65.1	0	53	13.3	56.9	0	0	58.4	65.9	70	N	-1.1	N	N	0.8	N	N
R4426	22	89.5	Belair Monte	65.5	66.8	65	0	53.5	13.2	56.9	0	0	58.6	65.9	70	N	-0.9	N	N	0.9	N	N
R4426	23	92.5	Belair Monte	65.5	66.8	64.9	0	54.1	13.1	56.9	0	0	58.8	65.9	70	N	-0.9	N	N	1.0	N	N
R4426	24	95.5	Belair Monte	65.4	66.6	64.9	0	54.9	13.5	56.9	0	0	59.1	65.9	70	N	-0.7	N	N	1.0	N	N
R4426	25	98.5	Belair Monte	65.3	66.5	64.8	0	55.6	13.3	57	0	0	59.4	65.9	70	N	-0.6	N	N	1.1	Y	N
R4426	26	101.5	Belair Monte	65.2	66.5	64.8	0	56.3	13.7	57.1	0	0	59.7	65.9	70	N	-0.6	N	N	1.1	Y	N
R4426	27	104.5	Belair Monte	65.1	66.4	64.7	0	56.8	14.7	57.3	0	0	60.1	66	70	N	-0.4	N	N	1.3	Y	N
R4426	28	107.5	Belair Monte	65.0	66.3	64.7	0	57.2	15.5	57.4	0	0	60.3	66	70	N	-0.3	N	N	1.3	Y	N
R4426	29	110.5	Belair Monte	65.0	66.2	64.7	0	57.6	16.4	57.5	0	0	60.6	66.1	70	N	-0.1	N	N	1.4	Y	N
R4426	30	113.5	Belair Monte	64.9	66.1	64.7	0	57.9	17.3	57.7	0	0	60.8	66.2	70	N	0.1	N	N	1.5	Y	N
R4427	1	26.5	Belair Monte	58.7	58.8	51.6	0	49	17.8	27.7	0	0	49.1	53.5	70	N	-5.3	N	N	1.9	Y	N
R4427	2	29.5	Belair Monte	62.4	62.5	54.1	0	52.8	17.7	27.7	0	0	52.8	56.5	70	N	-6.0	N	N	2.4	Y	N
R4427	3	32.5	Belair Monte	63.8	63.9	57.2	0	54.3	17.7	27.6	0	0	54.3	59	70	N	-4.9	N	N	1.8	Y	N
R4427	4	35.5	Belair Monte	65.0	65.3	61.3	0	55.5	17.6	27.6	0	0	55.5	62.3	70	N	-3.0	N	N	1.0	N	N
R4427	5	38.5	Belair Monte	66.2	66.7	64.2	0	56.7	17.4	27.6	0	0	56.8	64.9	70	N	-1.8	N	N	0.7	N	N
R4427	6	41.5	Belair Monte	66.9	67.6	65.5	0	57.3	17.3	27.6	0	0	57.3	66.1	70	N	-1.5	N	N	0.6	N	N
R4427	7	44.5	Belair Monte	67.3	68.1	66.2	0	57.7	17.2	27.7	0	0	57.7	66.8	70	N	-1.3	N	N	0.6	N	N
R4427	8	47.5	Belair Monte	67.7	68.7	66.6	0	57.8	17.1	27.8	0	0	57.8	67.1	70	N	-1.6	N	N	0.5	N	N
R4427	9	50.5	Belair Monte	68.0	69.0	66.6	0	57.9	17	28	0	0	57.9	67.2	70	N	-1.8	N	N	0.6	N	N
R4427	10	53.5	Belair Monte	68.2	69.2	66.6	0	57.9	16.8	28.2	0	0	57.9	67.2	70	N	-2.0	N	N	0.6	N	N
R4427	11	56.5	Belair Monte	68.2	69.3	66.5	0	58	16.7	28.5	0	0	58	67.1	70	N	-2.2	N	N	0.6	N	N
R4427	12	59.5	Belair Monte	68.2	69.3	66.4	0	58.2	16.6	29.1	0	0	58.2	67	70	N	-2.3	N	N	0.6	N	N
R4427	13	62.5	Belair Monte	68.2	69.3	66.3	0	58.3	16.4	29.9	0	0	58.3	67	70	N	-2.3	N	N	0.7	N	N
R4427	14	65.5	Belair Monte	68.2	69.3	66.3	0	58.4	16.3	30.9	0	0	58.4	66.9	70	N	-2.4	N	N	0.6	N	N
R4427	15	68.5	Belair Monte	68.1	69.2	66.2	0	58.6	16.2	32	0	0	58.6	66.9	70	N	-2.3	N	N	0.7	N	N
R4427	16	71.5	Belair Monte	68.1	69.1	66.2	0	58.8	16.2	33.2	0	0	58.8	66.9	70	N	-2.2	N	N	0.7	N	N
R4427	17	74.5	Belair Monte	68.0	69.0	66.1	0	59.2	16	34.6	0	0	59.2	66.9	70	N	-2.1	N	N	0.8	N	N
R4427	18	77.5	Belair Monte	68.0	69.0	66.1	0	59.5	15.9	36.1	0	0	59.5	67	70	N	-2.0	N	N	0.9	N	N
R4427	19	80.5	Belair Monte	67.9	68.9	66.1	0	59.8	15.8	37.7	0	0	59.8	67	70	N	-1.9	N	N	0.9	N	N
R4427	20	83.5	Belair Monte	67.8	68.8	66.1	0	60.1	15.8	39.5	0	0	60.1	67	70	N	-1.8	N	N	0.9	N	N
R4427	21	86.5	Belair Monte	67.7	68.7	66.1	0	60.3	15.6	41.9	0	0	60.4	67.1	70	N	-1.6	N	N	1.0	N	N
R4427	22	89.5	Belair Monte	67.7	68.6	66	0	60.6	15.5	44.7	0	0	60.7	67.2	70	N	-1.4	N	N	1.2	Y	N
R4427	23	92.5	Belair Monte	67.6	68.5	66	0	60.7	15.4	47	0	0	60.9	67.2	70	N	-1.3	N	N	1.2	Y	N
R4427	24	95.5	Belair Monte	67.5	68.4	66	0	60.9	15.2	48.3	0	0	61.1	67.2	70	N	-1.2	N	N	1.2	Y	N
R4427	25	98.5	Belair Monte	67.4	68.3	66	0	61	16.3	49.4	0	0	61.3	67.3	70	N	-1.0	N	N	1.3	Y	N
R4427	26	101.5	Belair Monte	67.3	68.3	66	0	61.2	18	50.4	0	0	61.5	67.3	70	N	-1.0	N	N	1.3	Y	N
R4427	27	104.5	Belair Monte	67.3	68.2	66	0	61.3	19.7	51	0	0	61.7	67.4	70	N	-0.8	N	N	1.4	Y	N
R4427	28	107.5	Belair Monte	67.2	68.1	65.9	0	61.5	21.5	51.3	0	0	61.9	67.4	70	N	-0.7	N	N	1.5	Y	N
R4427	29	110.5	Belair Monte	67.1	68.0	65.8	0	61.7	23.1	51.4	0	0	62.1	67.4	70	N	-0.6	N	N	1.6	Y	N
R4427	30	113.5	Belair Monte	67.1	67.9	65.8	0	61.9	24.6	51.5	0	0	62.3	67.4	70	N	-0.5	N	N	1.6	Y	N
R4431	1	30.0	Green Code	77.6	77.7	77	0	67.5	53.7	0	0	0	67.7	77.5	70	Y	-0.2	N	N	0.5	N	N
R4431	2	33.0	Green Code	78.1	78.2	77.7	0	68.1	53.5	0	0	0	68.3	78.2	70	Y	0.0	N	N	0.5	N	N
R4431	3	36.0	Green Code	77.9	78.0	77.6	0	68	53.3	0	0	0	68.2	78	70	Y	0.0	N	N	0.4	N	N
R4431	4	39.0	Green Code	77.6	77.8	77.3	0	67.9	53.1	0	0	0	68	77.8	70	Y	0.0	N	N	0.5	N	N
R4431	5	42.0	Green Code	77.4	77.5	77	0	67.7	52.9	0	0	0	67.8	77.5	70	Y	0.0	N	N	0.5	N	N
R4431	6	45.0	Green Code	77.1	77.2	76.8	0	67.5	52.7	0	0	0	67.7	77.3	70	Y	0.1	N	N	0.5	N	N
R4431	7	48.0	Green Code	76.9	77.0	76.5	0	67.4	52.6	0	0	0	67.5	77	70	Y	0.0	N	N	0.5	N	N
R4431	8	51.0	Green Code	76.6	76.7	76.2	0	67.2	52.4	0	0	0	67.4	76.8	70	Y	0.1	N	N	0.6	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4431	9	54.0	Green Code	76.4	76.5	76	0	67.1	52.2	0	0	0	67.2	76.6	70	Y	0.1	N	N	0.6	N	N
R4431	10	57.0	Green Code	76.1	76.3	75.8	0	66.9	52	0	0	0	67.1	76.3	70	Y	0.0	N	N	0.5	N	N
R4431	11	60.0	Green Code	75.9	76.1	75.6	0	66.8	51.8	0	0	0	66.9	76.1	70	Y	0.0	N	N	0.5	N	N
R4431	12	63.0	Green Code	75.7	75.9	75.4	0	66.7	51.6	0	0	0	66.8	75.9	70	Y	0.0	N	N	0.5	N	N
R4431	13	66.0	Green Code	75.5	75.7	75.1	0	66.5	51.5	0	0	0	66.7	75.7	70	Y	0.0	N	N	0.6	N	N
R4431	14	69.0	Green Code	75.3	75.5	75	0	66.5	51.3	0	0	0	66.6	75.5	70	Y	0.0	N	N	0.5	N	N
R4431	15	72.0	Green Code	75.1	75.3	74.8	0	66.3	51.1	0	0	0	66.5	75.4	70	Y	0.1	N	N	0.6	N	N
R4431	16	75.0	Green Code	75.0	75.1	74.6	0	66.2	51	0	0	0	66.4	75.2	70	Y	0.1	N	N	0.6	N	N
R4431	17	78.0	Green Code	74.8	74.9	74.5	0	66.1	50.8	0	0	0	66.3	75.1	70	Y	0.2	N	N	0.6	N	N
R4431	18	81.0	Green Code	74.6	74.8	74.3	0	66.1	50.7	0	0	0	66.2	74.9	70	Y	0.1	N	N	0.6	N	N
R4431	19	84.0	Green Code	74.4	74.6	74.1	0	66	50.5	0	0	0	66.1	74.7	70	Y	0.1	N	N	0.6	N	N
R4431	20	87.0	Green Code	74.3	74.5	74	0	66	50.4	0	0	0	66.1	74.6	70	Y	0.1	N	N	0.6	N	N
R4431	21	90.0	Green Code	74.1	74.3	73.8	0	66	50.4	0	0	0	66.1	74.5	70	Y	0.2	N	N	0.7	N	N
R4431	22	93.0	Green Code	74.0	74.1	73.6	0	66	50.3	0	0	0	66.1	74.3	70	Y	0.2	N	N	0.7	N	N
R4431	23	96.0	Green Code	73.9	74.0	73.5	0	66	50.2	0	0	0	66.1	74.2	70	Y	0.2	N	N	0.7	N	N
R4431	24	99.0	Green Code	73.7	73.9	73.3	0	66	50	0	0	0	66.1	74.1	70	Y	0.2	N	N	0.8	N	N
R4431	25	102.0	Green Code	73.6	73.7	73.2	0	66	50	0	0	0	66.1	74	70	Y	0.3	N	N	0.8	N	N
R4431	26	90.0	Green Code	73.5	73.6	73.1	0	66	49.9	0	0	0	66.1	73.9	70	Y	0.3	N	N	0.8	N	N
R4431	27	93.0	Green Code	73.3	73.4	72.9	0	65.9	49.9	0	0	0	66.1	73.7	70	Y	0.3	N	N	0.8	N	N
R4431	28	96.0	Green Code	73.2	73.3	72.8	0	65.9	50	0	0	0	66.1	73.6	70	Y	0.3	N	N	0.8	N	N
R4431	29	99.0	Green Code	73.1	73.2	72.7	0	65.9	49.9	0	0	0	66	73.6	70	Y	0.4	N	N	0.9	N	N
R4431	30	102.0	Green Code	73.0	73.1	72.6	0	65.9	50.1	0	0	0	66	73.5	70	Y	0.4	N	N	0.9	N	N
R4432	1	30.0	Green Code	74.4	74.6	73.9	0	61.6	46.9	0	0	0	61.8	74.1	70	Y	-0.5	N	N	0.2	N	N
R4432	2	33.0	Green Code	77.0	77.2	76.9	0	63.4	46.9	0	0	0	63.5	77	70	Y	-0.2	N	N	0.1	N	N
R4432	3	36.0	Green Code	77.4	77.6	77.3	0	63.8	46.8	0	0	0	63.9	77.5	70	Y	-0.1	N	N	0.2	N	N
R4432	4	39.0	Green Code	77.3	77.4	77.2	0	63.9	46.8	0	0	0	64	77.4	70	Y	0.0	N	N	0.2	N	N
R4432	5	42.0	Green Code	77.1	77.2	77	0	63.9	46.8	0	0	0	64	77.2	70	Y	0.0	N	N	0.2	N	N
R4432	6	45.0	Green Code	76.8	77.0	76.7	0	63.8	46.7	0	0	0	63.9	76.9	70	Y	-0.1	N	N	0.2	N	N
R4432	7	48.0	Green Code	76.6	76.7	76.4	0	63.8	46.7	0	0	0	63.8	76.7	70	Y	0.0	N	N	0.3	N	N
R4432	8	51.0	Green Code	76.4	76.5	76.2	0	63.6	46.6	0	0	0	63.7	76.5	70	Y	0.0	N	N	0.3	N	N
R4432	9	54.0	Green Code	76.1	76.3	76	0	63.5	46.6	0	0	0	63.6	76.2	70	Y	-0.1	N	N	0.2	N	N
R4432	10	57.0	Green Code	75.9	76.1	75.8	0	63.4	46.5	0	0	0	63.5	76	70	Y	-0.1	N	N	0.2	N	N
R4432	11	60.0	Green Code	75.7	75.9	75.6	0	63.3	46.5	0	0	0	63.4	75.8	70	Y	-0.1	N	N	0.2	N	N
R4432	12	63.0	Green Code	75.5	75.7	75.4	0	63.2	46.4	0	0	0	63.3	75.7	70	Y	0.0	N	N	0.3	N	N
R4432	13	66.0	Green Code	75.3	75.5	75.2	0	63.1	46.4	0	0	0	63.2	75.5	70	Y	0.0	N	N	0.3	N	N
R4432	14	69.0	Green Code	75.2	75.3	75	0	63	46.3	0	0	0	63.1	75.3	70	Y	0.0	N	N	0.3	N	N
R4432	15	72.0	Green Code	75.0	75.1	74.8	0	63	46.3	0	0	0	63	75.1	70	Y	0.0	N	N	0.3	N	N
R4432	16	75.0	Green Code	74.8	75.0	74.6	0	62.9	46.3	0	0	0	63	74.9	70	Y	-0.1	N	N	0.3	N	N
R4432	17	78.0	Green Code	74.6	74.8	74.5	0	63	46.2	0	0	0	63	74.8	70	Y	0.0	N	N	0.3	N	N
R4432	18	81.0	Green Code	74.4	74.6	74.3	0	63	46.2	0	0	0	63.1	74.6	70	Y	0.0	N	N	0.3	N	N
R4432	19	84.0	Green Code	74.3	74.5	74.2	0	63.1	46.1	0	0	0	63.2	74.5	70	Y	0.0	N	N	0.3	N	N
R4432	20	87.0	Green Code	74.1	74.3	74	0	63.1	46.1	0	0	0	63.2	74.3	70	Y	0.0	N	N	0.3	N	N
R4432	21	90.0	Green Code	74.0	74.2	73.9	0	63.1	46	0	0	0	63.2	74.2	70	Y	0.0	N	N	0.3	N	N
R4432	22	93.0	Green Code	73.8	74.0	73.7	0	63.1	46	0	0	0	63.2	74.1	70	Y	0.1	N	N	0.4	N	N
R4432	23	96.0	Green Code	73.7	73.9	73.6	0	63.1	46	0	0	0	63.1	74	70	Y	0.1	N	N	0.4	N	N
R4432	24	99.0	Green Code	73.6	73.8	73.4	0	63.1	46	0	0	0	63.2	73.8	70	Y	0.0	N	N	0.4	N	N
R4432	25	102.0	Green Code	73.5	73.6	73.3	0	63.2	46	0	0	0	63.3	73.7	70	Y	0.1	N	N	0.4	N	N
R4432	26	90.0	Green Code	73.3	73.5	73.1	0	63.3	46.2	0	0	0	63.4	73.6	70	Y	0.1	N	N	0.5	N	N
R4432	27	93.0	Green Code	73.2	73.4	73	0	63.4	46.4	0	0	0	63.4	73.5	70	Y	0.1	N	N	0.5	N	N
R4432	28	96.0	Green Code	73.1	73.3	72.9	0	63.4	46.8	0	0	0	63.5	73.4	70	Y	0.1	N	N	0.5	N	N
R4432	29	99.0	Green Code	73.0	73.2	72.8	0	63.3	47	0	0	0	63.4	73.3	70	Y	0.1	N	N	0.5	N	N
R4432	30	102.0	Green Code	72.9	73.1	72.7	0	63.3	47.1	0	0	0	63.4	73.2	70	Y	0.1	N	N	0.5	N	N
R4433	1	30.0	Green Code	73.9	74.1	73.4	0	59.2	43.5	0	0	0	59.3	73.5	70	Y	-0.6	N	N	0.1	N	N
R4433	2	33.0	Green Code	76.7	76.9	76.5	0	61.1	43.5	0	0	0	61.2	76.6	70	Y	-0.3	N	N	0.1	N	N
R4433	3	36.0	Green Code	77.3	77.4	77.2	0	61.9	43.5	0	0	0	61.9	77.3	70	Y	-0.1	N	N	0.1	N	N
R4433	4	39.0	Green Code	77.2	77.4	77.1	0	62.1	43.5	0	0	0	62.2	77.3	70	Y	-0.1	N	N	0.2	N	N
R4433	5	42.0	Green Code	77.0	77.2	76.9	0	62.3	43.5	0	0	0	62.3	77.1	70	Y	-0.1	N	N	0.2	N	N
R4433	6	45.0	Green Code	76.8	76.9	76.7	0	62.3	43.5	0	0	0	62.3	76.8	70	Y	-0.1	N	N	0.1	N	N
R4433	7	48.0	Green Code	76.6	76.7	76.5	0	62.3	43.5	0	0	0	62.3	76.6	70	Y	-0.1	N	N	0.1	N	N
R4433	8	51.0	Green Code	76.3	76.5	76.2	0	62.3	43.4	0	0	0	62.3	76.4	70	Y	-0.1	N	N	0.2	N	N
R4433	9	54.0	Green Code	76.1	76.3	76	0	62.2	43.4	0	0	0	62.3	76.2	70	Y	-0.1	N	N	0.2	N	N
R4433	10	57.0	Green Code	75.9	76.1	75.8	0	62.2	43.5	0	0	0	62.2	76	70	Y	-0.1	N	N	0.2	N	N
R4433	11	60.0	Green Code	75.7	75.9	75.6	0	62.1	43.5	0	0	0	62.2	75.8	70	Y	-0.1	N	N	0.2	N	N
R4433	12	63.0	Green Code	75.5	75.7	75.4	0	62.1	43.4	0	0	0	62.1	75.6	70	Y	-0.1	N	N	0.2	N	N
R4433	13	66.0	Green Code	75.3	75.5	75.2	0	62	43.4	0	0	0	62.1	75.4	70	Y	-0.1	N	N	0.2	N	N
R4433	14	69.0	Green Code	75.1	75.3	75	0	62	43.4	0	0	0	62	75.2	70	Y	-0.1	N	N	0.2	N	N
R4433	15	72.0	Green Code	75.0	75.1	74.8	0	61.9	43.3	0	0	0	62	75.1	70	Y	0.0	N	N	0.3	N	N
R4433	16	75.0	Green Code	74.8	75.0	74.7	0	61.9	43.3	0	0	0	61.9	74.9	70	Y	-0.1	N	N	0.2	N	N
R4433	17	78.0	Green Code	74.6	74.8	74.5	0	61.8	43.4	0	0	0	61.9	74.7	70	Y	-0.1	N	N	0.2	N	N
R4433	18	81.0	Green Code	74.5	74.6	74.4	0	61.8	43.3	0	0	0	61.9	74.6	70	Y	0.0	N	N	0.2	N	N
R4433	19	84.0	Green Code	74.3	74.4	74.2	0	61.8	43.3	0	0	0	61.8	74.4	70	Y	0.0	N	N	0.2	N	N
R4433	20	87.0	Green Code	74.2	74.3	74.1	0	61.7	43.4	0	0	0	61.8	74.3	70	Y	0.0	N	N	0.2	N	N
R4433	21	90.0	Green Code	74.0	74.2	73.9	0	61.7	43.3	0	0	0	61.8	74.2	70	Y	0.0	N	N	0.3	N	N
R4433	22	93.0	Green Code	73.9	74.0	73.8	0	61.8	43.4	0	0	0	61.8	74	70	Y	0.0	N	N	0.2	N	N
R4433	23	96.0	Green Code	73.7	73.9	73.6	0	61.8	43.5	0	0	0	61.9	73.9	70	Y	0.0	N	N	0.3	N	N
R4433	24	99.0	Green Code	73.6	73.8	73.5	0	61.8	43.6	0	0	0	61.9	73.8	70	Y	0.0	N	N	0.3	N	N
R4433	25	102.0	Green Code	73.5	73.7	73.4	0	61.8	43.8	0	0	0	61.9	73.7	70	Y	0.0	N	N	0.3	N	N
R4433	26	90.0	Green Code	73.3	73.5	73.2	0	61.8	44.1	0	0	0	61.9	73.5	70	Y	0.0	N	N	0.3	N	N
R4433	27	93.0	Green Code	73.2	73.4	73.1	0	61.8	44.6	0	0	0	61.9	73.4	70	Y	0.0	N	N	0.3	N	N
R4433	28	96.0	Green Code	73.1	73.3	73	0	61.8	45.2	0	0	0	61.9	73.3	70	Y	0.0	N	N	0.3	N	N
R4433	29	99.0	Green Code	73.0	73.2	72.9	0	61.9	45.9	0	0	0	62	73.2	70	Y	0.0	N	N	0.3	N	N
R4433	30	102.0	Green Code	72.8	73.0	72.7	0	61.9	47.1	0	0	0	62	73.1	70	Y	0.1	N	N	0.4	N	N
R4441	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.6	74.2	73.6	0	36.9	0	39.4	0	0	41.3	73.6	70	Y	-0.6	N	N	0.0	N	N
R4441	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.6	74.2	73.5	0	41.2	0	39.7	0	0	43.5	73.5	70	Y	-0.7	N	N	0.0	N	N
R4442	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	75.0	75.5	74.9	0	38.8	0	34.6	0	0	40.2	74.9	70	Y	-0.6	N	N	0.0	N	N
R4442	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	75.0	75.5	74.9	0	43	0	35.2	0	0	43.7	74.9	70	Y	-0.6	N	N	0.0	N	N
R4442	3	13.4	Sheung Pak Tsuen and Tai Yuen Tsuen	75.0	75.6	75	0	44.2	0	36.1	0	0	44.9	75	70	Y	-0.6	N	N	0.0	N	N
R4443	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	76.8	77.3	76.8	0	0	0	27.7	0	0	27.7	76.8	70	Y	-0.5	N	N	0.0	N	N
R4443	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	76.6	77.1	76.6	0	0	0	30.4	0	0	30.4	76.6	70	Y	-0.5	N	N	0.0	N	N
R4443	3	13.4	Sheung Pak Tsuen and Tai Yuen Tsuen	76.3	76.8	76.3	0	0	0	33.2	0	0	33.2	76.3	70	Y	-0.5	N	N	0.0	N	N
R4444	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	71.8	72.4	71.9	0	34.5	0	29.9	0	0	35.8	71.9	70	Y	-0.5	N	N	0.0	N	N
R4444	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	71.8	72.4	71.9	0	38.6	0	31.5	0	0	39.4	71.9	70	Y	-0.5	N	N	0.0	N	N
R4444	3	13.4	Sheung Pak Tsuen and Tai Yuen Tsuen	71.9	72.5	72	0	44.3	0	33.2	0	0	44.6	72	70	Y	-0.5	N	N	0.0	N	N
R4445	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.1	73.8	73.3	0	32.1	0	25.5	0	0	33	73.3	70	Y	-0.5	N	N	0.0	N	N
R4445	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.1	73.8	73.3	0	35.7	0	27.6	0	0	36.4	73.3	70	Y	-0.5	N	N	0.0	N	N
R4445	3	13.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.1	73.8	73.3	0	40.9	0	30.2	0	0	41.3	73.3	70	Y	-0.5	N	N	0.0	N	N
R4446	1	7.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.7	74.3	73.8	0	32.1	0	23.7	0	0	32.7	73.8	70	Y	-0.5	N	N	0.0	N	N
R4446	2	10.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.7	74.3	73.8	0	35.7	0	25.2	0	0	36.1	73.8	70	Y	-0.5	N	N	0.0	N	N
R4446	3	13.4	Sheung Pak Tsuen and Tai Yuen Tsuen	73.7	74.3	73.8	0	40.6	0	26.9	0	0	40.8	73.8	70	Y	-0.5	N	N	0.0	N	N
R4461	1	7.7	Fung Kai No. 1 Secondary School	72.4	73.2	72.7	0	0	0	26	0	0	26	72.7	65	Y	-0.5	N	N	0.0	N	N
R4461	2	11.7	Fung Kai No. 1 Secondary School	72.4	73.1	72.6	0	0	0	29.9	0	0	29.9	72.6	65	Y	-0.5	N	N	0.0	N	N
R4462	1	7.7	Fung Kai No. 1 Secondary School	71.2	72.0	71.4	0	30.7	24.5	43.9	0	0	44.2	71.4	65	Y	-0.6	N	N	0.0	N	N
R4462	2	11.7	Fung Kai No. 1 Secondary School	71.1	71.9	71.3	0	34.3	28.2	44.8	0	0	45.2	71.3	65	Y	-0.6	N	N	0.0	N	N
R4463	1	7.7	Fung Kai No. 1 Secondary School	41.2	41.2	41.6	0	0	0	56.8	0	0	56.8	56.9	65	N	15.7	Y	N	15.3	Y	N
R4463	2	11.7	Fung Kai No. 1 Secondary School	44.8	44.7	45.1	0	0	0	56.8	0	0	56.8	57.1	65	N	12.4	Y	N	12.0	Y	N
R4481	1	7.5	Fung Kai Primary School	69.7	70.4	69.9	0	41.2	0	41.1	0	0	44.2	69.9	65	Y	-0.5	N	N	0.0	N	N
R4481	2	11.5	Fung Kai Primary School	69.6	70.3	69.7	0	42.9	0	41.2	0	0	45.1	69.8	65	Y	-0.5	N	N	0.1	N	N
R4482	1	7.5	Fung Kai Primary School	70.2	70.9	70.3	0	32.9	23.4	36.4	0	0	38.1	70.4	65	Y	-0.5	N	N	0.1	N	N
R4482	2	11.5	Fung Kai Primary School	70.1	70.9	70.3	0	35.2	25.9	40.1	0	0	41.4	70.3	65	Y	-0.6	N	N	0.0	N	N
R4501	1	15.9	Noble Hill	76.8	76.8	75.4	0	0	0	0	0	0	0	75.4	70	Y	-1.4	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4501	2	18.9	Noble Hill	76.4	76.4	74.9	0	0	0	0	0	0	0	74.9	70	Y	-1.5	N	N	0.0	N	N
R4501	3	21.9	Noble Hill	76.0	76.0	74.5	0	0	0	0	0	0	0	74.5	70	Y	-1.5	N	N	0.0	N	N
R4501	4	24.9	Noble Hill	75.5	75.5	74	0	0	0	0	0	0	0	74	70	Y	-1.5	N	N	0.0	N	N
R4501	5	27.9	Noble Hill	75.0	75.0	73.6	0	0	0	0	0	0	0	73.6	70	Y	-1.4	N	N	0.0	N	N
R4501	6	30.9	Noble Hill	74.6	74.6	73.2	0	0	0	0	0	0	0	73.2	70	Y	-1.4	N	N	0.0	N	N
R4501	7	33.9	Noble Hill	74.2	74.2	72.8	0	0	0	0	0	0	0	72.8	70	Y	-1.4	N	N	0.0	N	N
R4501	8	36.9	Noble Hill	73.8	73.8	72.4	0	0	0	0	0	0	0	72.4	70	Y	-1.4	N	N	0.0	N	N
R4501	9	39.9	Noble Hill	73.5	73.5	72.1	0	0	0	0	0	0	0	72.1	70	Y	-1.4	N	N	0.0	N	N
R4501	10	42.9	Noble Hill	73.1	73.2	71.8	0	0	0	0	0	0	0	71.8	70	Y	-1.4	N	N	0.0	N	N
R4501	11	45.9	Noble Hill	72.9	72.9	71.5	0	0	0	0	0	0	0	71.5	70	Y	-1.4	N	N	0.0	N	N
R4501	12	48.9	Noble Hill	72.6	72.6	71.3	0	0	0	0	0	0	0	71.3	70	Y	-1.3	N	N	0.0	N	N
R4501	13	51.9	Noble Hill	72.3	72.4	71	0	0	0	0	0	0	0	71	70	Y	-1.4	N	N	0.0	N	N
R4501	14	54.9	Noble Hill	72.1	72.1	70.8	0	0	0	0	0	0	0	70.8	70	Y	-1.3	N	N	0.0	N	N
R4501	15	57.9	Noble Hill	71.9	72.0	70.6	0	0	0	0	0	0	0	70.6	70	Y	-1.4	N	N	0.0	N	N
R4501	16	60.9	Noble Hill	71.6	71.7	70.4	0	0	0	0	0	0	0	70.4	70	N	-1.3	N	N	0.0	N	N
R4501	17	63.9	Noble Hill	71.5	71.5	70.2	0	0	0	0	0	0	0	70.2	70	N	-1.3	N	N	0.0	N	N
R4501	18	66.9	Noble Hill	71.3	71.4	70.1	0	0	0	0	0	0	0	70.1	70	N	-1.3	N	N	0.0	N	N
R4501	19	69.9	Noble Hill	71.1	71.2	69.9	0	0	0	0	0	0	0	69.9	70	N	-1.3	N	N	0.0	N	N
R4501	20	72.9	Noble Hill	71.0	71.1	69.8	0	0	0	0	0	0	0	69.8	70	N	-1.3	N	N	0.0	N	N
R4502	1	15.9	Noble Hill	71.3	71.3	69.8	0	0	48.5	55.8	0	0	56.5	70	70	N	-1.3	N	N	0.2	N	N
R4502	2	18.9	Noble Hill	71.2	71.2	69.6	0	0	48.5	55.8	0	0	56.5	69.8	70	N	-1.4	N	N	0.2	N	N
R4502	3	21.9	Noble Hill	70.9	70.9	69.4	0	0	48.6	55.8	0	0	56.5	69.6	70	N	-1.3	N	N	0.2	N	N
R4502	4	24.9	Noble Hill	70.7	70.7	69.2	0	0	48.7	55.8	0	0	56.5	69.5	70	N	-1.2	N	N	0.3	N	N
R4502	5	27.9	Noble Hill	70.5	70.5	69	0	0	48.8	55.8	0	0	56.6	69.2	70	N	-1.3	N	N	0.2	N	N
R4502	6	30.9	Noble Hill	70.3	70.3	68.8	0	0	48.9	55.7	0	0	56.6	69	70	N	-1.3	N	N	0.2	N	N
R4502	7	33.9	Noble Hill	70.0	70.1	68.6	0	0	49	55.7	0	0	56.6	68.8	70	N	-1.3	N	N	0.2	N	N
R4502	8	36.9	Noble Hill	69.8	69.8	68.4	0	0	49	55.7	0	0	56.5	68.6	70	N	-1.2	N	N	0.2	N	N
R4502	9	39.9	Noble Hill	69.6	69.6	68.2	0	0	49.1	55.7	0	0	56.6	68.5	70	N	-1.1	N	N	0.3	N	N
R4502	10	42.9	Noble Hill	69.4	69.4	67.9	0	0	49.2	55.7	0	0	56.6	68.2	70	N	-1.2	N	N	0.3	N	N
R4502	11	45.9	Noble Hill	69.2	69.2	67.7	0	0	49.3	55.7	0	0	56.6	68.1	70	N	-1.1	N	N	0.4	N	N
R4502	12	48.9	Noble Hill	68.9	69.0	67.5	0	0	49.4	55.7	0	0	56.6	67.8	70	N	-1.2	N	N	0.3	N	N
R4502	13	51.9	Noble Hill	68.8	68.8	67.4	0	0	49.5	55.7	0	0	56.6	67.7	70	N	-1.1	N	N	0.3	N	N
R4502	14	54.9	Noble Hill	68.6	68.7	67.2	0	0	49.6	55.7	0	0	56.6	67.6	70	N	-1.1	N	N	0.4	N	N
R4502	15	57.9	Noble Hill	68.4	68.5	67	0	0	49.6	55.7	0	0	56.6	67.4	70	N	-1.1	N	N	0.4	N	N
R4502	16	60.9	Noble Hill	68.2	68.3	66.9	0	0	49.7	55.7	0	0	56.6	67.2	70	N	-1.1	N	N	0.3	N	N
R4502	17	63.9	Noble Hill	68.1	68.1	66.7	0	0	49.8	55.7	0	0	56.7	67.1	70	N	-1.0	N	N	0.4	N	N
R4502	18	66.9	Noble Hill	67.9	68.0	66.6	0	0	49.8	55.6	0	0	56.6	67	70	N	-1.0	N	N	0.4	N	N
R4502	19	69.9	Noble Hill	67.8	67.9	66.5	0	0	49.8	55.6	0	0	56.6	66.9	70	N	-1.0	N	N	0.4	N	N
R4502	20	72.9	Noble Hill	67.7	67.8	66.4	0	0	49.9	55.6	0	0	56.6	66.8	70	N	-1.0	N	N	0.4	N	N
R4503	1	15.9	Noble Hill	68.1	68.1	66.5	0	0	50.4	56.6	0	0	57.5	67	70	N	-1.1	N	N	0.5	N	N
R4503	2	18.9	Noble Hill	68.1	68.0	66.5	0	0	50.4	56.6	0	0	57.5	67	70	N	-1.0	N	N	0.5	N	N
R4503	3	21.9	Noble Hill	68.0	68.0	66.4	0	0	50.6	56.6	0	0	57.6	66.9	70	N	-1.1	N	N	0.5	N	N
R4503	4	24.9	Noble Hill	68.0	68.0	66.4	0	0	50.6	56.6	0	0	57.6	66.9	70	N	-1.1	N	N	0.5	N	N
R4503	5	27.9	Noble Hill	67.9	67.9	66.3	0	0	50.8	56.6	0	0	57.6	66.9	70	N	-1.0	N	N	0.6	N	N
R4503	6	30.9	Noble Hill	67.9	67.8	66.3	0	0	50.8	56.6	0	0	57.6	66.8	70	N	-1.0	N	N	0.5	N	N
R4503	7	33.9	Noble Hill	67.8	67.8	66.3	0	0	50.9	56.6	0	0	57.6	66.8	70	N	-1.0	N	N	0.5	N	N
R4503	8	36.9	Noble Hill	67.8	67.8	66.3	0	0	51	56.6	0	0	57.6	66.8	70	N	-1.0	N	N	0.5	N	N
R4503	9	39.9	Noble Hill	67.8	67.8	66.2	0	0	51	56.6	0	0	57.6	66.8	70	N	-1.0	N	N	0.6	N	N
R4503	10	42.9	Noble Hill	67.7	67.7	66.1	0	0	51.1	56.6	0	0	57.6	66.7	70	N	-1.0	N	N	0.6	N	N
R4503	11	45.9	Noble Hill	67.6	67.6	66.1	0	0	51.2	56.5	0	0	57.7	66.7	70	N	-0.9	N	N	0.6	N	N
R4503	12	48.9	Noble Hill	67.5	67.5	66	0	0	51.3	56.5	0	0	57.6	66.6	70	N	-0.9	N	N	0.6	N	N
R4503	13	51.9	Noble Hill	67.5	67.5	65.9	0	0	51.3	56.5	0	0	57.6	66.5	70	N	-1.0	N	N	0.6	N	N
R4503	14	54.9	Noble Hill	67.4	67.4	65.9	0	0	51.4	56.5	0	0	57.6	66.5	70	N	-0.9	N	N	0.6	N	N
R4503	15	57.9	Noble Hill	67.3	67.4	65.8	0	0	51.4	56.5	0	0	57.6	66.4	70	N	-1.0	N	N	0.6	N	N
R4503	16	60.9	Noble Hill	67.2	67.3	65.7	0	0	51.4	56.4	0	0	57.6	66.4	70	N	-0.9	N	N	0.7	N	N
R4503	17	63.9	Noble Hill	67.1	67.2	65.6	0	0	51.5	56.4	0	0	57.6	66.3	70	N	-0.9	N	N	0.7	N	N
R4503	18	66.9	Noble Hill	67.1	67.1	65.6	0	0	51.5	56.4	0	0	57.6	66.2	70	N	-0.9	N	N	0.6	N	N
R4503	19	69.9	Noble Hill	67.0	67.1	65.5	0	0	51.5	56.4	0	0	57.6	66.2	70	N	-0.9	N	N	0.7	N	N
R4503	20	72.9	Noble Hill	67.0	67.0	65.5	0	0	51.5	56.4	0	0	57.6	66.1	70	N	-0.9	N	N	0.6	N	N
R4504	1	15.9	Noble Hill	57.3	57.2	54	0	49.6	49.6	59.7	0	0	60.5	61.3	70	N	4.1	Y	N	7.3	Y	N
R4504	2	18.9	Noble Hill	57.4	57.2	54	0	49.8	49.7	59.7	0	0	60.5	61.4	70	N	4.2	Y	N	7.4	Y	N
R4504	3	21.9	Noble Hill	57.4	57.3	54.1	0	50	49.9	59.7	0	0	60.5	61.4	70	N	4.1	Y	N	7.3	Y	N
R4504	4	24.9	Noble Hill	57.5	57.3	54.2	0	50.2	50	59.7	0	0	60.5	61.4	70	N	4.1	Y	N	7.2	Y	N
R4504	5	27.9	Noble Hill	57.5	57.4	54.3	0	50.3	50.1	59.7	0	0	60.5	61.5	70	N	4.1	Y	N	7.2	Y	N
R4504	6	30.9	Noble Hill	57.7	57.5	54.5	0	50.4	50.2	59.6	0	0	60.6	61.5	70	N	4.0	Y	N	7.0	Y	N
R4504	7	33.9	Noble Hill	57.7	57.6	54.6	0	50.6	50.3	59.6	0	0	60.6	61.5	70	N	3.9	Y	N	6.9	Y	N
R4504	8	36.9	Noble Hill	57.8	57.7	54.8	0	50.7	50.4	59.6	0	0	60.6	61.6	70	N	3.9	Y	N	6.8	Y	N
R4504	9	39.9	Noble Hill	57.9	57.8	54.9	0	50.7	50.5	59.6	0	0	60.5	61.6	70	N	3.8	Y	N	6.7	Y	N
R4504	10	42.9	Noble Hill	58.0	57.9	55	0	50.8	50.6	59.6	0	0	60.6	61.6	70	N	3.7	Y	N	6.6	Y	N
R4504	11	45.9	Noble Hill	58.1	58.0	55.1	0	50.9	50.8	59.5	0	0	60.6	61.7	70	N	3.7	Y	N	6.6	Y	N
R4504	12	48.9	Noble Hill	58.2	58.0	55.1	0	51	51	59.5	0	0	60.6	61.7	70	N	3.7	Y	N	6.6	Y	N
R4504	13	51.9	Noble Hill	58.3	58.1	55.2	0	51.1	51.3	59.5	0	0	60.6	61.7	70	N	3.6	Y	N	6.5	Y	N
R4504	14	54.9	Noble Hill	58.3	58.2	55.3	0	51.2	51.6	59.5	0	0	60.7	61.8	70	N	3.6	Y	N	6.5	Y	N
R4504	15	57.9	Noble Hill	58.4	58.3	55.3	0	51.4	51.8	59.5	0	0	60.7	61.8	70	N	3.5	Y	N	6.5	Y	N
R4504	16	60.9	Noble Hill	58.5	58.3	55.4	0	51.8	52	59.5	0	0	60.8	61.9	70	N	3.6	Y	N	6.5	Y	N
R4504	17	63.9	Noble Hill	58.5	58.3	55.5	0	52.4	52.2	59.5	0	0	60.9	62	70	N	3.7	Y	N	6.5	Y	N
R4504	18	66.9	Noble Hill	58.6	58.4	55.5	0	53.6	52.4	59.7	0	0	61.2	62.3	70	N	3.9	Y	N	6.8	Y	N
R4504	19	69.9	Noble Hill	58.7	58.5	55.6	0	53.9	52.4	60.3	0	0	61.7	62.7	70	N	4.2	Y	N	7.1	Y	N
R4504	20	72.9	Noble Hill	58.8	58.6	55.7	0	54.1	52.5	61.2	0	0	62.4	63.2	70	N	4.6	Y	N	7.5	Y	N
R4505	1	15.9	Noble Hill	62.0	61.9	59.9	0	0	48	57.6	0	0	58.1	62.1	70	N	0.2	N	N	2.2	Y	N
R4505	2	18.9	Noble Hill	62.0	61.9	59.9	0	0	48.2	57.6	0	0	58.1	62.1	70	N	0.2	N	N	2.2	Y	N
R4505	3	21.9	Noble Hill	62.0	61.9	60	0	0	48.4	57.6	0	0	58.1	62.1	70	N	0.2	N	N	2.1	Y	N
R4505	4	24.9	Noble Hill	62.0	61.9	60	0	0	48.6	57.6	0	0	58.1	62.1	70	N	0.2	N	N	2.1	Y	N
R4505	5	27.9	Noble Hill	62.0	62.0	60	0	0	48.7	57.6	0	0	58.1	62.2	70	N	0.2	N	N	2.2	Y	N
R4505	6	30.9	Noble Hill	62.0	62.0	60	0	0	48.9	57.6	0	0	58.1	62.2	70	N	0.2	N	N	2.2	Y	N
R4505	7	33.9	Noble Hill	62.1	62.0	60	0	0	49	57.6	0	0	58.1	62.2	70	N	0.2	N	N	2.2	Y	N
R4505	8	36.9	Noble Hill	62.1	62.0	60.1	0	0	49.2	57.6	0	0	58.1	62.2	70	N	0.2	N	N	2.1	Y	N
R4505	9	39.9	Noble Hill	62.1	62.0	60.1	0	0	49.4	57.5	0	0	58.1	62.2	70	N	0.2	N	N	2.1	Y	N
R4505	10	42.9	Noble Hill	62.1	62.1	60.1	0	0	49.8	57.5	0	0	58.2	62.2	70	N	0.1	N	N	2.1	Y	N
R4505	11	45.9	Noble Hill	62.1	62.1	60.1	0	0	50.1	57.5	0	0	58.2	62.2	70	N	0.1	N	N	2.1	Y	N
R4505	12	48.9	Noble Hill	62.1	62.1	60.1	0	0	50.6	57.4	0	0	58.3	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	13	51.9	Noble Hill	62.1	62.1	60.1	0	0	50.9	57.4	0	0	58.3	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	14	54.9	Noble Hill	62.1	62.1	60.1	0	0	51.4	57.4	0	0	58.4	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	15	57.9	Noble Hill	62.2	62.1	60.1	0	0	51.7	57.4	0	0	58.4	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	16	60.9	Noble Hill	62.2	62.1	60.1	0	0	51.9	57.3	0	0	58.4	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	17	63.9	Noble Hill	62.2	62.1	60	0	0	52.1	57.3	0	0	58.4	62.3	70	N	0.2	N	N	2.3	Y	N
R4505	18	66.9	Noble Hill	62.2	62.1	60	0	0	52.2	57.3	0	0	58.4	62.3	70	N	0.2	N	N	2.3	Y	N
R4505	19	69.9	Noble Hill	62.2	62.1	60.1	0	0	52.3	57.2	0	0	58.4	62.3	70	N	0.2	N	N	2.2	Y	N
R4505	20	72.9	Noble Hill	62.3	62.2	60.2	0	0	52.3	57.2	0	0	58.4	62.4	70	N	0.2	N	N	2.2	Y	N
R4506	1	15.9	Noble Hill	27.8	28.1	30.5	0	49	48.4	62.9	0	0	63.2	63.2	70	N	35.1	Y	N	32.7	Y	N
R4506	2	18.9	Noble Hill	27.8	28.1	30.5	0	49.2	48.5	62.9	0	0	63.2	63.2	70	N	35.1	Y	N	32.7	Y	N
R4506	3	21.9	Noble Hill	27.8	28.1	30.5	0	49.4	48.6	62.9	0	0	63.2	63.2	70	N	35.1	Y	N	32.7	Y	N
R4506	4	24.9	Noble Hill	27.8	28.1	30.4	0	49.5	48.6	62.9	0	0	63.2	63.2	70	N	35.1	Y	N	32.8	Y	N
R4506	5	27.9	Noble Hill	27.7	28.1	30.4	0	49.6	48.8	62.9	0	0	63.2	63.2	70	N	35.1	Y	N	32.8	Y	N
R4506	6	30.9	Noble Hill	27.7	28.0	30.4	0	49.7	48.9	62.8	0	0	63.2	63.2	70	N	35.2	Y	N	32.8	Y	N
R4506	7	33.9	Noble Hill	27.7	28.0	30.4	0	49.9	49.1	62.8	0	0	63.2	63.2	70	N	35.2	Y	N	32.8	Y	N
R4506	8	36.9	Noble Hill	27.7	28.0	30.3	0	49.9	49.5	62.8	0	0	63.2	63.2	70	N	35.2	Y	N	32.9	Y	N
R4506	9	39.9	Noble Hill	27.6	27.9	30.2	0	50.1	50.1	62.8	0	0	63.2	63.2	70	N	35.3	Y	N	33.0	Y	N
R4506	10	42.9	Noble Hill	27.6	27.9	30.3	0	50.2	50.8	62.8	0	0	63.2	63.3	70	N	35.4	Y	N	33.0	Y	N
R4506	11	45.9	Noble Hill	27.7	28.0	30.4	0	50.3	51.3	62.7	0	0	63.3	63.3	70	N	35.3	Y	N	32.9	Y	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)[1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4506	12	48.9	Noble Hill	28.3	28.6	31.2	0	50.5	51.8	62.7	0	0	63.3	63.3	70	N	34.7	Y	N	32.1	Y	N
R4506	13	51.9	Noble Hill	29.3	29.6	32.3	0	50.8	52.1	62.7	0	0	63.3	63.3	70	N	33.7	Y	N	31.0	Y	N
R4506	14	54.9	Noble Hill	30.8	31.1	33.8	0	51.2	52.5	62.7	0	0	63.3	63.3	70	N	32.2	Y	N	29.5	Y	N
R4506	15	57.9	Noble Hill	32.5	32.8	35.4	0	51.9	52.8	62.6	0	0	63.4	63.4	70	N	30.6	Y	N	28.0	Y	N
R4506	16	60.9	Noble Hill	34.8	35.1	37.5	0	52.8	53	62.6	0	0	63.4	63.5	70	N	28.4	Y	N	26.0	Y	N
R4506	17	63.9	Noble Hill	37.7	38.0	40.1	0	53.3	53.2	62.6	0	0	63.5	63.5	70	N	25.5	Y	N	23.4	Y	N
R4506	18	66.9	Noble Hill	42.0	42.3	43.8	0	53.9	53.3	62.6	0	0	63.5	63.6	70	N	21.3	Y	N	19.8	Y	N
R4506	19	69.9	Noble Hill	47.5	47.8	48.6	0	54.2	53.4	62.6	0	0	63.6	63.7	70	N	15.9	Y	N	15.1	Y	N
R4506	20	72.9	Noble Hill	50.9	51.2	52.1	0	54.5	53.4	62.7	0	0	63.7	64	70	N	12.8	Y	N	11.9	Y	N
R4507	1	15.9	Noble Hill	58.0	58.3	60.8	0	31.6	48.3	63.4	0	0	63.5	65.4	70	N	7.1	Y	N	4.6	Y	N
R4507	2	18.9	Noble Hill	58.1	58.4	60.8	0	32.3	48.3	63.4	0	0	63.5	65.4	70	N	7.0	Y	N	4.6	Y	N
R4507	3	21.9	Noble Hill	58.2	58.5	60.9	0	33	48.3	63.4	0	0	63.5	65.4	70	N	6.9	Y	N	4.5	Y	N
R4507	4	24.9	Noble Hill	58.2	58.6	60.8	0	33.6	48.3	63.3	0	0	63.5	65.4	70	N	6.8	Y	N	4.6	Y	N
R4507	5	27.9	Noble Hill	58.4	58.7	60.9	0	34.4	48.3	63.3	0	0	63.5	65.4	70	N	6.7	Y	N	4.5	Y	N
R4507	6	30.9	Noble Hill	58.5	58.8	60.9	0	35.1	48.4	63.3	0	0	63.5	65.4	70	N	6.6	Y	N	4.5	Y	N
R4507	7	33.9	Noble Hill	58.5	58.8	60.9	0	36	48.5	63.3	0	0	63.4	65.4	70	N	6.6	Y	N	4.5	Y	N
R4507	8	36.9	Noble Hill	58.5	58.8	60.8	0	36.8	48.8	63.3	0	0	63.4	65.3	70	N	6.5	Y	N	4.5	Y	N
R4507	9	39.9	Noble Hill	58.4	58.8	60.7	0	37.8	49.3	63.3	0	0	63.4	65.3	70	N	6.5	Y	N	4.6	Y	N
R4507	10	42.9	Noble Hill	58.3	58.7	60.6	0	38.8	49.7	63.2	0	0	63.4	65.3	70	N	6.6	Y	N	4.7	Y	N
R4507	11	45.9	Noble Hill	58.2	58.6	60.5	0	39.9	50	63.2	0	0	63.4	65.2	70	N	6.6	Y	N	4.7	Y	N
R4507	12	48.9	Noble Hill	58.1	58.5	60.4	0	41.3	50.3	63.2	0	0	63.4	65.2	70	N	6.7	Y	N	4.8	Y	N
R4507	13	51.9	Noble Hill	58.0	58.4	60.3	0	42.9	50.7	63.2	0	0	63.4	65.2	70	N	6.8	Y	N	4.9	Y	N
R4507	14	54.9	Noble Hill	57.9	58.3	60.2	0	44.9	51.1	63.1	0	0	63.5	65.1	70	N	6.8	Y	N	4.9	Y	N
R4507	15	57.9	Noble Hill	57.8	58.2	60.1	0	47.1	51.5	63.1	0	0	63.5	65.1	70	N	6.9	Y	N	5.0	Y	N
R4507	16	60.9	Noble Hill	57.8	58.1	60	0	48.1	51.8	63.1	0	0	63.5	65.1	70	N	7.0	Y	N	5.1	Y	N
R4507	17	63.9	Noble Hill	57.7	58.1	59.9	0	49.1	52	63.1	0	0	63.5	65.1	70	N	7.0	Y	N	5.2	Y	N
R4507	18	66.9	Noble Hill	57.6	58.0	59.8	0	49.8	52.2	63	0	0	63.6	65.1	70	N	7.1	Y	N	5.3	Y	N
R4507	19	69.9	Noble Hill	57.5	57.9	59.7	0	50.4	52.4	63	0	0	63.6	65.1	70	N	7.2	Y	N	5.4	Y	N
R4507	20	72.9	Noble Hill	57.4	57.8	59.5	0	51.2	52.4	63	0	0	63.6	65.1	70	N	7.3	Y	N	5.6	Y	N
R4508	1	15.9	Noble Hill	62.8	63.0	66.2	0	34.4	46.5	61	0	0	61.2	67.4	70	N	4.4	Y	N	1.2	Y	N
R4508	2	18.9	Noble Hill	62.8	63.0	66.2	0	35	46.5	61	0	0	61.2	67.4	70	N	4.4	Y	N	1.2	Y	N
R4508	3	21.9	Noble Hill	62.8	63.1	66.2	0	35.5	46.5	61	0	0	61.2	67.4	70	N	4.3	Y	N	1.2	Y	N
R4508	4	24.9	Noble Hill	62.9	63.2	66.2	0	36	46.5	61	0	0	61.2	67.4	70	N	4.2	Y	N	1.2	Y	N
R4508	5	27.9	Noble Hill	63.0	63.3	66.2	0	36.4	46.5	61	0	0	61.2	67.4	70	N	4.1	Y	N	1.2	Y	N
R4508	6	30.9	Noble Hill	63.1	63.4	66.2	0	36.9	46.5	61	0	0	61.2	67.4	70	N	4.0	Y	N	1.2	Y	N
R4508	7	33.9	Noble Hill	63.2	63.5	66.3	0	37.2	46.5	61	0	0	61.2	67.4	70	N	3.9	Y	N	1.1	Y	N
R4508	8	36.9	Noble Hill	63.2	63.5	66.2	0	37.5	46.5	61	0	0	61.2	67.4	70	N	3.9	Y	N	1.2	Y	N
R4508	9	39.9	Noble Hill	63.2	63.5	66.2	0	37.8	46.5	61	0	0	61.1	67.4	70	N	3.9	Y	N	1.2	Y	N
R4508	10	42.9	Noble Hill	63.1	63.4	66.1	0	38.2	46.4	61	0	0	61.1	67.3	70	N	3.9	Y	N	1.2	Y	N
R4508	11	45.9	Noble Hill	63.1	63.4	66	0	38.5	46.4	60.9	0	0	61.1	67.3	70	N	3.9	Y	N	1.3	Y	N
R4508	12	48.9	Noble Hill	63.0	63.3	66	0	38.9	46.5	60.9	0	0	61.1	67.2	70	N	3.9	Y	N	1.2	Y	N
R4508	13	51.9	Noble Hill	63.0	63.3	65.9	0	39.2	46.4	60.9	0	0	61.1	67.1	70	N	3.8	Y	N	1.2	Y	N
R4508	14	54.9	Noble Hill	62.9	63.2	65.8	0	39.7	46.4	60.9	0	0	61.1	67.1	70	N	3.9	Y	N	1.3	Y	N
R4508	15	57.9	Noble Hill	62.9	63.1	65.8	0	40.2	46.4	60.9	0	0	61.1	67	70	N	3.9	Y	N	1.2	Y	N
R4508	16	60.9	Noble Hill	62.8	63.1	65.7	0	40.9	46.4	60.9	0	0	61	67	70	N	3.9	Y	N	1.3	Y	N
R4508	17	63.9	Noble Hill	62.8	63.1	65.6	0	41.7	46.5	60.8	0	0	61	66.9	70	N	3.8	Y	N	1.3	Y	N
R4508	18	66.9	Noble Hill	62.9	63.2	65.7	0	42.8	46.4	60.8	0	0	61	67	70	N	3.8	Y	N	1.3	Y	N
R4508	19	69.9	Noble Hill	63.1	63.5	65.8	0	44.1	46.4	60.8	0	0	61	67.1	70	N	3.6	Y	N	1.3	Y	N
R4508	20	72.9	Noble Hill	63.4	63.8	66	0	44.9	46.5	60.8	0	0	61	67.2	70	N	3.4	Y	N	1.2	Y	N
R4509	1	15.9	Noble Hill	61.4	61.6	64.7	0	23.3	47.6	61.5	0	0	61.7	66.5	70	N	4.9	Y	N	1.8	Y	N
R4509	2	18.9	Noble Hill	61.4	61.7	64.7	0	23.7	47.6	61.5	0	0	61.7	66.4	70	N	4.7	Y	N	1.7	Y	N
R4509	3	21.9	Noble Hill	61.4	61.7	64.7	0	24.1	47.6	61.5	0	0	61.7	66.4	70	N	4.7	Y	N	1.7	Y	N
R4509	4	24.9	Noble Hill	61.5	61.8	64.6	0	24.5	47.6	61.5	0	0	61.7	66.4	70	N	4.6	Y	N	1.8	Y	N
R4509	5	27.9	Noble Hill	61.6	61.9	64.6	0	24.9	47.6	61.5	0	0	61.7	66.4	70	N	4.5	Y	N	1.8	Y	N
R4509	6	30.9	Noble Hill	61.6	61.9	64.6	0	25.5	47.6	61.5	0	0	61.7	66.4	70	N	4.5	Y	N	1.8	Y	N
R4509	7	33.9	Noble Hill	61.7	62.0	64.6	0	26.1	47.6	61.5	0	0	61.6	66.4	70	N	4.4	Y	N	1.8	Y	N
R4509	8	36.9	Noble Hill	61.7	62.0	64.6	0	26.8	47.6	61.4	0	0	61.6	66.4	70	N	4.4	Y	N	1.8	Y	N
R4509	9	39.9	Noble Hill	61.7	62.0	64.5	0	27.3	47.6	61.4	0	0	61.6	66.3	70	N	4.3	Y	N	1.8	Y	N
R4509	10	42.9	Noble Hill	61.6	61.9	64.4	0	28	47.5	61.4	0	0	61.6	66.3	70	N	4.4	Y	N	1.9	Y	N
R4509	11	45.9	Noble Hill	61.6	61.9	64.3	0	28.7	47.5	61.4	0	0	61.6	66.2	70	N	4.3	Y	N	1.9	Y	N
R4509	12	48.9	Noble Hill	61.5	61.8	64.3	0	29.4	47.5	61.4	0	0	61.6	66.2	70	N	4.4	Y	N	1.9	Y	N
R4509	13	51.9	Noble Hill	61.4	61.7	64.2	0	30.1	47.5	61.4	0	0	61.6	66.1	70	N	4.4	Y	N	1.9	Y	N
R4509	14	54.9	Noble Hill	61.3	61.6	64.1	0	30.8	47.5	61.4	0	0	61.5	66	70	N	4.4	Y	N	1.9	Y	N
R4509	15	57.9	Noble Hill	61.2	61.5	64	0	31.7	47.6	61.4	0	0	61.5	65.9	70	N	4.4	Y	N	1.9	Y	N
R4509	16	60.9	Noble Hill	61.1	61.5	63.9	0	32.5	47.6	61.4	0	0	61.5	65.9	70	N	4.4	Y	N	2.0	Y	N
R4509	17	63.9	Noble Hill	61.1	61.4	63.8	0	33.4	47.8	61.3	0	0	61.5	65.8	70	N	4.4	Y	N	2.0	Y	N
R4509	18	66.9	Noble Hill	61.0	61.3	63.7	0	34.4	49.2	61.4	0	0	61.6	65.8	70	N	4.5	Y	N	2.1	Y	N
R4509	19	69.9	Noble Hill	60.9	61.2	63.6	0	35.7	50.7	61.5	0	0	61.9	65.8	70	N	4.6	Y	N	2.2	Y	N
R4509	20	72.9	Noble Hill	60.8	61.1	63.5	0	36.9	51	62	0	0	62.3	65.9	70	N	4.8	Y	N	2.4	Y	N
R4521	1	9.2	Fung Kai Liu Man Shek Tong Secondary School	69.5	70.3	69.8	0	53.2	0	0	0	0	53.2	69.9	65	Y	-0.4	N	N	0.1	N	N
R4521	2	13.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.3	69.8	0	54.2	0	0	0	0	54.2	69.9	65	Y	-0.4	N	N	0.1	N	N
R4521	3	17.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.3	69.8	0	54.9	0	0	0	0	54.9	69.9	65	Y	-0.4	N	N	0.1	N	N
R4521	4	21.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.4	69.8	0	55.3	0	0	0	0	55.3	69.9	65	Y	-0.5	N	N	0.1	N	N
R4521	5	25.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.4	69.8	0	55.5	0	0	0	0	55.5	69.9	65	Y	-0.5	N	N	0.1	N	N
R4521	6	29.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.4	69.8	0	55.8	0	0	0	0	55.8	69.9	65	Y	-0.5	N	N	0.1	N	N
R4521	7	33.2	Fung Kai Liu Man Shek Tong Secondary School	69.6	70.3	69.7	0	56	0	0	0	0	56	69.9	65	Y	-0.4	N	N	0.2	N	N
R4522	1	9.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	64.8	65	0	30.2	0	13.2	0	0	30.2	65	65	N	0.2	N	N	0.0	N	N
R4522	2	13.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	64.8	65	0	31.5	0	13.5	0	0	31.6	65	65	N	0.2	N	N	0.0	N	N
R4522	3	17.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	64.9	65.1	0	32.9	0	13.8	0	0	32.9	65.1	65	N	0.2	N	N	0.0	N	N
R4522	4	21.2	Fung Kai Liu Man Shek Tong Secondary School	64.8	65.0	65.1	0	34.2	0	14.2	0	0	34.3	65.1	65	N	0.1	N	N	0.0	N	N
R4522	5	25.2	Fung Kai Liu Man Shek Tong Secondary School	64.9	65.1	65.2	0	35.8	0	14.6	0	0	35.8	65.2	65	N	0.1	N	N	0.0	N	N
R4522	6	29.2	Fung Kai Liu Man Shek Tong Secondary School	65.0	65.2	65.3	0	37.6	0	15.2	0	0	37.6	65.3	65	N	0.1	N	N	0.0	N	N
R4522	7	33.2	Fung Kai Liu Man Shek Tong Secondary School	65.1	65.3	65.3	0	40	0	15.8	0	0	40	65.4	65	N	0.1	N	N	0.1	N	N
R4523	1	9.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	65.2	64.9	0	0	0	9	0	0	9	64.9	65	N	-0.3	N	N	0.0	N	N
R4523	2	13.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	65.2	64.9	0	0	0	9	0	0	9	64.9	65	N	-0.3	N	N	0.0	N	N
R4523	3	17.2	Fung Kai Liu Man Shek Tong Secondary School	64.7	65.2	64.9	0	0	0	9	0	0	9	64.9	65	N	-0.3	N	N	0.0	N	N
R4523	4	21.2	Fung Kai Liu Man Shek Tong Secondary School	64.6	65.2	64.8	0	0	0	9	0	0	9	64.8	65	N	-0.4	N	N	0.0	N	N
R4523	5	25.2	Fung Kai Liu Man Shek Tong Secondary School	64.6	65.1	64.8	0	0	0	9.1	0	0	9.1	64.8	65	N	-0.3	N	N	0.0	N	N
R4523	6	29.2	Fung Kai Liu Man Shek Tong Secondary School	64.5	65.1	64.7	0	0	0	9.6	0	0	9.6	64.7	65	N	-0.4	N	N	0.0	N	N
R4523	7	33.2	Fung Kai Liu Man Shek Tong Secondary School	64.5	65.0	64.7	0	0	0	10.5	0	0	10.5	64.7	65	N	-0.3	N	N	0.0	N	N
R4524	1	9.2	Fung Kai Liu Man Shek Tong Secondary School	74.0	74.9	74.4	0	54.5	0	0	0	0	54.5	74.4	65	Y	-0.5	N	N	0.0	N	N
R4524	2	13.2	Fung Kai Liu Man Shek Tong Secondary School	73.9	74.8	74.3	0	55.4	0	0	0	0	55.4	74.3	65	Y	-0.5	N	N	0.0	N	N
R4524	3	17.2	Fung Kai Liu Man Shek Tong Secondary School	73.8	74.7	74.1	0	55.9	0	0	0	0	55.9	74.2	65	Y	-0.5	N	N	0.1	N	N
R4524	4	21.2	Fung Kai Liu Man Shek Tong Secondary School	73.6	74.5	73.9	0	56.6	0	0	0	0	56.6	74	65	Y	-0.5	N	N	0.1	N	N
R4524	5	25.2	Fung Kai Liu Man Shek Tong Secondary School	73.3	74.2	73.6	0	57.6	0	0	0	0	57.6	73.7	65	Y	-0.5	N	N	0.1	N	N
R4524	6	29.2	Fung Kai Liu Man Shek Tong Secondary School	73.2	74.0	73.4	0	58.1	0	0	0	0	58.1	73.5	65	Y	-0.5	N	N	0.1	N	N
R4524	7	33.2	Fung Kai Liu Man Shek Tong Secondary School	72.9	73.7	73.1	0	58.1	0	0	0	0	58.1	73.3	65	Y	-0.4	N	N	0.2	N	N
R4541	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	65.9	65.8	58.6	0	66.6	63.7	0	0	0	68.4	68.8	70	N	3.0	Y	N	10.2	Y	N
R4541	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	67.0	66.9	58.6	0	70.2	63.7	0	0	0	71.1	71.3	70	Y	4.4	Y	Y	12.7	Y	Y
R4541	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	67.4	67.4	58.7	0	71	63.6	0	0	0	71.8	72	70	Y	4.6	Y	Y	13.3	Y	Y
R4542	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	62.2	62.1	37.9	0	67.7	57.1	0	0	0	68	68	70	N	5.9	Y	N	30.1	Y	N
R4542	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	63.2	63.1	38.6	0	77.2	57.1	0	0	0	77.2	77.2	70	Y	14.1	Y	Y	38.6	Y	Y
R4542	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	63.7	63.6	39.3	0	77.5	57.1	0	0	0	77.5	77.5	70	Y	13.9	Y	Y	38.2	Y	Y
R4543	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	63.0	63.0	59.2	0	66.2	57	0	0	0	66.7	67.4	70	N	4.4	Y	N	8.2	Y	N
R4543	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	63.2	63.3	59.2	0	75.1	57	0	0	0	75.2	75.3	70	Y	12.0	Y	Y	16.1	Y	Y
R4543	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	63.5	63.5	59.3	0	77	57	0	0	0	77	77.1	70	Y	13.6	Y	Y	17.8	Y	Y
R4544	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	52.2	52.2	50.5	0	62.6	0	0	0	0	62.6	62.9	70	N	10.7	Y	N	12.4	Y	N
R4544	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	52.2	52.3	50.5	0	68.4	0	0	0	0	68.4	68.5	70	N	16.2	Y	N	18.0	Y	N
R4544	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	52.2	52.3	50.5	0	71.8	0	0	0	0	71.8	71.9	70	Y	19.6	Y	Y	21.4	Y	Y
R4547	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	64.3	64.4	61.5	0	58.6	59.1	13.6	0	0	61.9	64.7	70	N	0.3	N	N	3.2	Y	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R4547	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	64.6	64.7	61.5	0	60	59.1	13.6	0	0	62.6	65.1		70	N	0.4	N	N	3.6	Y	N
R4547	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	64.7	64.8	61.6	0	61.3	59.1	13.6	0	0	63.4	65.6		70	N	0.8	N	N	4.0	Y	N
R4551	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	51.0	51.1	49.4	0	65.2	0	0	0	0	65.2	65.3		70	N	14.2	Y	N	15.9	Y	N
R4551	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	51.1	51.1	49.4	0	70.4	0	0	0	0	70.4	70.4		70	N	19.3	Y	N	21.0	Y	N
R4551	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	51.1	51.1	49.4	0	74	0	0	0	0	74	74		70	Y	22.9	Y	Y	24.6	Y	Y
R4552	1	10.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	50.6	50.6	48.8	0	64.7	0	0	0	0	64.7	64.8		70	N	14.2	Y	N	16.0	Y	N
R4552	2	13.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	50.6	50.6	48.9	0	67.6	0	0	0	0	67.6	67.7		70	N	17.1	Y	N	18.8	Y	N
R4552	3	16.4	Scattered Village Houses East of Ma Wat River and West of Wing Ning Wai	50.6	50.6	48.9	0	69.8	0	0	0	0	69.8	69.9		70	N	19.3	Y	N	21.0	Y	N
R4561	1	10.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.1	62.1	54.8	0	66	52.4	0	0	0	66.2	66.5		70	N	4.4	Y	N	11.7	Y	N
R4561	2	13.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.8	62.9	55.8	0	66.9	54.5	0	0	0	67.1	67.4		70	N	4.5	Y	N	11.6	Y	N
R4561	3	16.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	63.4	63.4	56.6	0	67.6	55.3	0	0	0	67.9	68.2		70	N	4.8	Y	N	11.6	Y	N
R4562	1	10.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	63.1	63.0	57.7	0	66.5	52.4	0	0	0	66.7	67.2		70	N	4.2	Y	N	9.5	Y	N
R4562	2	13.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	63.9	63.8	59	0	67.5	54.8	0	0	0	67.7	68.2		70	N	4.4	Y	N	9.2	Y	N
R4562	3	16.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	64.4	64.4	59.5	0	68.3	55.6	0	0	0	68.5	69		70	N	4.6	Y	N	9.5	Y	N
R4563	1	10.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	61.6	61.5	56.7	0	60.6	35.9	0	0	0	60.6	62.1		70	N	0.6	N	N	5.4	Y	N
R4563	2	13.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.2	62.2	57.6	0	61.4	37.8	0	0	0	61.5	62.9		70	N	0.7	N	N	5.3	Y	N
R4563	3	16.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.7	62.7	58	0	62.1	38.6	0	0	0	62.1	63.5		70	N	0.8	N	N	5.5	Y	N
R4564	1	10.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	61.7	61.6	56.8	0	61.5	49.2	0	0	0	61.7	62.9		70	N	1.3	Y	N	6.1	Y	N
R4564	2	13.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.4	62.3	57.8	0	62.3	51.1	0	0	0	62.6	63.8		70	N	1.5	Y	N	6.0	Y	N
R4564	3	16.4	Scattered Village Houses Between Wing Ning Wai and Ma Wat Tsuen	62.9	62.9	58.4	0	62.9	52.1	0	0	0	63.2	64.4		70	N	1.5	Y	N	6.0	Y	N
R4581	1	10.7	Ma Wat Tsuen	53.6	53.6	0	0	61	51.5	0	0	0	61.5	61.5		70	N	7.9	Y	N	61.5	Y	N
R4581	2	13.7	Ma Wat Tsuen	53.9	53.9	0	0	61.9	51.9	0	0	0	62.3	62.3		70	N	8.4	Y	N	62.3	Y	N
R4581	3	16.7	Ma Wat Tsuen	54.2	54.1	0	0	62.1	52.1	0	0	0	62.5	62.5		70	N	8.4	Y	N	62.5	Y	N
R4582	1	10.7	Ma Wat Tsuen	50.7	50.8	15.4	0	60.8	50.8	0	0	0	61.2	61.2		70	N	10.4	Y	N	45.8	Y	N
R4582	2	13.7	Ma Wat Tsuen	53.8	54.1	15.4	0	62.8	51.5	0	0	0	63.1	63.1		70	N	9.0	Y	N	47.7	Y	N
R4582	3	16.7	Ma Wat Tsuen	54.8	55.1	15.4	0	63.6	52	0	0	0	63.9	63.9		70	N	8.8	Y	N	48.5	Y	N
R4583	1	10.7	Ma Wat Tsuen	48.7	49.0	16.6	0	56.5	42.5	0	0	0	56.7	56.7		70	N	7.7	Y	N	40.1	Y	N
R4583	2	13.7	Ma Wat Tsuen	50.2	50.4	16.7	0	57.8	45	0	0	0	58.1	58.1		70	N	7.7	Y	N	41.4	Y	N
R4583	3	16.7	Ma Wat Tsuen	51.5	51.7	16.6	0	58.9	47.6	0	0	0	59.2	59.2		70	N	7.5	Y	N	42.6	Y	N
R4584	1	10.7	Ma Wat Tsuen	41.9	42.1	16.6	0	56.8	46.8	0	0	0	57.2	57.2		70	N	15.1	Y	N	40.6	Y	N
R4584	2	13.7	Ma Wat Tsuen	43.9	44.0	16.6	0	57.7	47.7	0	0	0	58.1	58.1		70	N	14.1	Y	N	41.5	Y	N
R4584	3	16.7	Ma Wat Tsuen	45.9	46.1	16.6	0	58.2	48.6	0	0	0	58.6	58.6		70	N	12.5	Y	N	42.0	Y	N
R4601	1	14.0	Scattered Village Houses at Ma Wat Wai	50.5	50.5	16.2	0	60.4	50.7	0	0	0	60.9	60.9		70	N	10.4	Y	N	44.7	Y	N
R4601	2	17.0	Scattered Village Houses at Ma Wat Wai	50.8	50.8	16.2	0	61.2	50.8	0	0	0	61.6	61.6		70	N	10.8	Y	N	45.4	Y	N
R4601	3	20.0	Scattered Village Houses at Ma Wat Wai	51.0	51.0	16.4	0	61.4	50.8	0	0	0	61.8	61.8		70	N	10.8	Y	N	45.4	Y	N
R4602	1	14.0	Scattered Village Houses at Ma Wat Wai	54.0	54.2	12.6	0	63.4	52.2	0	0	0	63.7	63.7		70	N	9.5	Y	N	51.1	Y	N
R4602	2	17.0	Scattered Village Houses at Ma Wat Wai	54.3	54.4	12.6	0	63.9	52.2	0	0	0	64.2	64.2		70	N	9.8	Y	N	51.6	Y	N
R4602	3	20.0	Scattered Village Houses at Ma Wat Wai	54.4	54.6	12.6	0	64.5	52.2	0	0	0	64.8	64.8		70	N	10.2	Y	N	52.2	Y	N
R4603	1	14.0	Scattered Village Houses at Ma Wat Wai	52.5	52.5	34.1	0	63.6	52.8	0	0	0	64	64		70	N	11.5	Y	N	29.9	Y	N
R4603	2	17.0	Scattered Village Houses at Ma Wat Wai	52.8	52.8	34.1	0	64.1	52.9	0	0	0	64.4	64.4		70	N	11.6	Y	N	30.3	Y	N
R4603	3	20.0	Scattered Village Houses at Ma Wat Wai	53.0	53.0	34.1	0	64.7	52.8	0	0	0	64.9	64.9		70	N	11.9	Y	N	30.8	Y	N
R4604	1	14.0	Scattered Village Houses at Ma Wat Wai	53.8	54.1	12.5	0	61.7	51.6	0	0	0	62.1	62.1		70	N	8.0	Y	N	49.6	Y	N
R4604	2	17.0	Scattered Village Houses at Ma Wat Wai	54.1	54.3	12.5	0	62	51.7	0	0	0	62.4	62.4		70	N	8.1	Y	N	49.9	Y	N
R4604	3	20.0	Scattered Village Houses at Ma Wat Wai	54.3	54.5	12.5	0	62.5	51.8	0	0	0	62.8	62.8		70	N	8.3	Y	N	50.3	Y	N
R4625	1	11.3	Tsung Kyam Kindergarten and Tsung Kyam Church	52.8	53.6	52.3	0	58.6	42.2	0	0	0	58.7	59.6		65	N	6.0	Y	N	7.3	Y	N
R4625	2	14.3	Tsung Kyam Kindergarten and Tsung Kyam Church	52.8	53.6	52.3	0	59.4	42.2	0	0	0	59.4	60.2		65	N	6.6	Y	N	7.9	Y	N
R4626	1	11.3	Tsung Kyam Kindergarten and Tsung Kyam Church	53.8	54.5	51.9	0	59.8	49.5	0	0	0	60.2	60.8		65	N	6.3	Y	N	8.9	Y	N
R4626	2	14.3	Tsung Kyam Kindergarten and Tsung Kyam Church	53.9	54.5	51.9	0	60.6	49.5	0	0	0	60.9	61.4		65	N	6.9	Y	N	9.5	Y	N
R4627	1	11.6	Tsung Kyam Kindergarten and Tsung Kyam Church	50.2	51.2	49.7	0	58.5	0	0	0	0	58.5	59.1		65	N	7.9	Y	N	9.4	Y	N
R4627	2	14.6	Tsung Kyam Kindergarten and Tsung Kyam Church	50.2	51.2	49.7	0	59.1	0	0	0	0	59.1	59.6		65	N	8.4	Y	N	9.9	Y	N
R4628	1	11.6	Tsung Kyam Kindergarten and Tsung Kyam Church	52.3	52.8	49.6	0	59.9	45.5	0	0	0	60	60.4		65	N	7.6	Y	N	10.8	Y	N
R4628	2	14.6	Tsung Kyam Kindergarten and Tsung Kyam Church	52.5	53.0	49.6	0	60.5	45.6	0	0	0	60.6	61		65	N	8.0	Y	N	11.4	Y	N
R4641	1	28.4	Shung Him Tong Tsuen	59.5	59.9	58.3	0	69.7	46.8	0	0	0	69.7	70		70	N	10.1	Y	N	11.7	Y	N
R4641	2	31.4	Shung Him Tong Tsuen	59.5	59.9	58.3	0	70.8	46.8	0	0	0	70.8	71.1		70	Y	11.2	Y	Y	12.8	Y	Y
R4641	3	34.4	Shung Him Tong Tsuen	59.5	59.9	58.3	0	71.4	46.8	0	0	0	71.4	71.6		70	Y	11.7	Y	Y	13.3	Y	Y
R4642	1	28.4	Shung Him Tong Tsuen	64.1	64.1	62.8	0	66.3	0	0	0	0	66.3	67.9		70	N	3.8	Y	N	5.1	Y	N
R4642	2	31.4	Shung Him Tong Tsuen	64.3	64.2	62.8	0	67.6	0	0	0	0	67.6	68.9		70	N	4.7	Y	N	6.1	Y	N
R4642	3	34.4	Shung Him Tong Tsuen	64.3	64.3	62.9	0	68.7	0	0	0	0	68.7	69.7		70	N	5.4	Y	N	6.8	Y	N
R4643	1	28.4	Shung Him Tong Tsuen	53.5	53.5	52.1	0	61.1	42.5	0	0	0	61.1	61.6		70	N	8.1	Y	N	9.5	Y	N
R4643	2	31.4	Shung Him Tong Tsuen	54.7	54.7	52.7	0	62	42.5	0	0	0	62.1	62.5		70	N	7.8	Y	N	9.8	Y	N
R4643	3	34.4	Shung Him Tong Tsuen	55.6	55.6	53.2	0	63.1	42.5	0	0	0	63.2	63.6		70	N	8.0	Y	N	10.4	Y	N
R4651	1	11.2	Shung Him Tong Tsuen	62.0	62.3	61.1	0	54.3	46.2	10.3	0	0	54.9	62.1		70	N	-0.2	N	N	1.0	N	N
R4651	2	14.2	Shung Him Tong Tsuen	62.0	62.3	61.1	0	55.7	46.2	10.3	0	0	56.1	62.3		70	N	0.0	N	N	1.2	Y	N
R4651	3	17.2	Shung Him Tong Tsuen	62.0	62.3	61.1	0	57.2	46.2	10.3	0	0	57.6	62.7		70	N	0.4	N	N	1.6	Y	N
R4651	4	20.2	Shung Him Tong Tsuen	62.0	62.3	61.1	0	59.1	46.2	10.3	0	0	59.3	63.3		70	N	1.0	N	N	2.2	Y	N
R4652	1	11.2	Shung Him Tong Tsuen	45.2	45.1	0	0	59.1	46	0	0	0	59.3	59.3		70	N	14.2	Y	N	59.3	Y	N
R4652	2	14.2	Shung Him Tong Tsuen	45.5	45.4	0	0	60.5	46	0	0	0	60.7	60.7		70	N	15.3	Y	N	60.7	Y	N
R4652	3	17.2	Shung Him Tong Tsuen	45.7	45.7	0	0	62.3	46	0	0	0	62.4	62.4		70	N	16.7	Y	N	62.4	Y	N
R4652	4	20.2	Shung Him Tong Tsuen	46.0	45.9	0	0	64.5	46	0	0	0	64.6	64.6		70	N	18.7	Y	N	64.6	Y	N
R4653	1	11.2	Shung Him Tong Tsuen	65.3	65.2	63.9	0	57.4	0	0	0	0	57.4	64.8		70	N	-0.4	N	N	0.9	N	N
R4653	2	14.2	Shung Him Tong Tsuen	65.3	65.2	63.9	0	58.8	0	0	0	0	58.8	65.1		70	N	-0.1	N	N	1.2	Y	N
R4653	3	17.2	Shung Him Tong Tsuen	65.3	65.2	63.9	0	60.5	0	0	0	0	60.5	65.5		70	N	0.3	N	N	1.6	Y	N
R4653	4	20.2	Shung Him Tong Tsuen	65.3	65.2	63.9	0	62.6	0	0	0	0	62.6	66.3		70	N	1.1	Y	N	2.4	Y	N
R4661	1	17.5	Scattered Village Houses in Tong Hang	68.3	68.3	66.9	57.3	62.4	0	0	50.2	0	62.7	68.6		70	N	0.3	N	N	1.2	Y	N
R4661	2	20.5	Scattered Village Houses in Tong Hang	68.3	68.3	66.9	57.4	63.6	0	0	50.2	0	63.8	68.9		70	N	0.6	N	N	1.5	Y	N
R4662	1	17.5	Scattered Village Houses in Tong Hang	64.9	65.0	63.9	0	60.4	0	0	0	0	60.4	65.5		70	N	0.5	N	N	1.6	Y	N
R4662	2	20.5	Scattered Village Houses in Tong Hang	64.9	65.0	63.9	0	61.3	0	0	0	0	61.3	65.8		70	N	0.8	N	N	1.9	Y	N
R4684	1	14.5	Scattered Village Hoouses at Wong Kong Shan	71.7	71.8	69.4	66.3	47.7	0	0	58.3	0	58.7	71.4		70	Y	-0.4	N	N	0.3	N	N
R4684	2	17.5	Scattered Village Hoouses at Wong Kong Shan	71.9	72.0	69.6	66.6	48.3	0	0	58.5	0	58.9	71.6		70	Y	-0.4	N	N	0.2	N	N
R4684	3	20.5	Scattered Village Hoouses at Wong Kong Shan	72.1	72.3	69.9	66.9	48.9	0	0	58.8	0	59.2	71.9		70	Y	-0.4	N	N	0.2	N	N
R4685	1	14.5	Scattered Village Hoouses at Wong Kong Shan	70.1	70.5	67.9	66.1	47.1	0	0	58.2	0	58.5	70.4		70	N	-0.1	N	N	0.3	N	N
R4685	2	17.5	Scattered Village Hoouses at Wong Kong Shan	70.4	70.8	68.3	66.4	47.8	0	0	58.4	0	58.8	70.7		70	Y	-0.1	N	N	0.2	N	N
R4685	3	20.5	Scattered Village Hoouses at Wong Kong Shan	70.8	71.2	68.8	66.7	48.4	0	0	58.7	0	59.1	71.2		70	Y	0.0	N	N	0.3	N	N
R4704	1	16.3	Tong Hang Tung Chuen	71.2	71.6	61.3	70.5	59.4	46.5	0	63.1	0	64.7	71.9		70	Y	0.3	N	N	0.9	N	N
R4704	2	19.3	Tong Hang Tung Chuen	71.3	71.6	61.5	70.6	59.8	47.1	0	63.2	0	64.9	72		70	Y	0.4	N	N	0.9	N	N
R4704	3	22.3	Tong Hang Tung Chuen	71.4	71.7	61.7	70.7	60.2	48	0	63.3	0	65.1	72.2		70	Y	0.5	N	N	1.0	N	N
R4721	1	22.3	Dawning Views	63.8	64.2	59.4	61.9	49.5	0	0	46.8	0	51.3	64.1		70	N	-0.1	N	N	0.3	N	N
R4721	2	25.3	Dawning Views	65.9	66.1	60.7	64.2	52.2	0	0	50.9	0	54.6	66.1		70	N	0.0	N	N	0.3	N	N
R4721	3	28.3	Dawning Views	69.1	69.4	62.8	67.6	54.1	0	0	58.4	0	59.8	69.4		70	N	0.0	N	N	0.6	N	N
R4721	4	31.3	Dawning Views	71.9	72.1	65.9	70.3	54.8	0	0	60.8	0	61.8	72.1		70	Y	0.0	N	N	0.5	N	N
R4721	5	34.3	Dawning Views	73.5	73.7	67.9	71.7	55.4	0	0	61	0	62.1	73.6		70	Y	-0.1	N	N	0.4	N	N
R4721	6	37.3	Dawning Views	74.0	74.3	68.6	72.2	55.9	0	0	61.2	0	62.3	74.1		70	Y	-0.2	N	N	0.3	N	N
R4721	7	40.3	Dawning Views	74.3	74.5	69	72.5	55.9	0	0	61.3	0	62.4	74.4		70	Y	-0.1	N	N	0.3	N	N
R4721	8	43.3	Dawning Views	74.4	74.7	69.1	72.6	55.9	0	0	61.7	0	62.7	74.5		70	Y	-0.2	N	N	0.3	N	N
R4721	9	46.3	Dawning Views	74.6	74.8	69.3	72.8	56	0	0	61.9	0	62.9	74.7		70	Y	-0.1	N	N	0.3	N	N
R4721	10	49.3	Dawning Views	74.6	74.9	69.4	72.8	56.3	0	0	62.4	0	63.3	74.8		70	Y	-0.1	N	N	0.4	N	N
R4721	11	52.3	Dawning Views	74.7	75.0	69.5	72.8	56.5	0	0	62.7	0	63.6	74.8		70	Y	-0.2	N	N	0.3	N	N
R4721	12	55.3	Dawning Views	74.7	75.0	69.7	72.8	56.7	0	0	62.8	0	63.7	74.9		70	Y	-0.1	N	N	0.4	N	N
R4721	13	58.3	Dawning Views	74.8	75.1	69.8	72.9	57.1	0	0	62.8	0	63.8	75		70	Y	-0.1	N	N	0.4	N	N
R4721	14	61.3	Dawning Views	74.8	75.1	70	72.8	57.4	0	0	62.9	0	63.9	75		70	Y	-0.1	N	N	0.4	N	N
R4721	15	64.3	Dawning Views	74.9	75.2	70.2	72.8	57.7	0	0	62.8	0	64	75.1		70	Y	-0.1	N	N	0.4	N	N
R4721	16	67.3	Dawning Views	74.9	75.2	70.5	72.8	58	0	0	62.8	0	64	75.2		70	Y	0.0	N	N	0.4	N	N
R4721	17	70.3	Dawning Views	75.0	75.3	70.9	72.7	58.2	0	0	62.7	0	64	75.3		70	Y	0.0	N	N	0.4	N	N
R4721	18	73.3	Dawning Views	75.1	75.4	71.2	72.7	58.4	0	0	62.6	0	64	75.4		70	Y	0.0	N	N	0.4	N	N
R4721	19	76.3	Dawning Views	75.2	75.5	71.7	72.7	58.7	0	0	62.6	0	64	75.6		70	Y	0.1	N	N	0.4	N	N
R4721	20	79.3	Dawning Views	75.3	75.7	72.2	72.7	58.8	0	0	62.5	0	64	75.8		70	Y	0.1	N	N	0.3	N	N
R4721	21	82.3	Dawning Views	75.4	75.8	72.5	72.7	59	0	0	62.4	0	64	75.9		70	Y	0.1	N	N	0.3	N	N
R4721	22	85.3	Dawning Views	75.6	75.9	73	72.7	59.1	0	0	62.4	0	64	76.1		70	Y	0.2	N	N	0.2	N	N
R4721	23	88.3	Dawning Views	75.8	76.1	73.4	72.8	59.3	0	0	62.3	0	64	76.4		70	Y	0.3	N	N	0.3	N	N
R4721	24	91.3	Dawning Views	75.9	76.3	73.7	72.8	59.4	0	0	62.2	0	64	76.5		70	Y	0.2	N	N	0.2	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT															
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)[1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R4721	25	94.3	Dawning Views	76.1	76.4	74	72.8	59.5	0	0	62.1	0	64	76.7	70	Y	0.3	N	N	0.2	N	N
R4721	26	97.3	Dawning Views	76.2	76.5	74.1	72.9	59.6	0	0	62	0	64	76.8	70	Y	0.3	N	N	0.2	N	N
R4721	27	100.3	Dawning Views	76.3	76.6	74.2	72.9	59.7	0	0	61.9	0	63.9	76.9	70	Y	0.3	N	N	0.3	N	N
R4721	28	103.3	Dawning Views	76.3	76.7	74.3	73	59.8	0	0	61.8	0	63.9	76.9	70	Y	0.2	N	N	0.2	N	N
R4721	29	106.3	Dawning Views	76.4	76.7	74.4	73	59.8	0	0	61.7	0	63.9	77	70	Y	0.3	N	N	0.2	N	N
R4722	1	22.3	Dawning Views	64.2	64.3	61	60.9	49.5	42.8	0	48.8	0	52.6	64.2	70	N	-0.1	N	N	0.2	N	N
R4722	2	25.3	Dawning Views	66.8	66.9	62.8	64	52.5	47.2	0	53.7	0	56.7	66.9	70	N	0.0	N	N	0.4	N	N
R4722	3	28.3	Dawning Views	71.2	71.4	66.6	68.5	54.7	54.3	0	61.5	0	62.9	71.3	70	Y	-0.1	N	N	0.6	N	N
R4722	4	31.3	Dawning Views	74.2	74.3	70	71.4	55.4	56.7	0	63	0	64.5	74.3	70	Y	0.0	N	N	0.5	N	N
R4722	5	34.3	Dawning Views	75.2	75.4	71	72.5	55.9	57.1	0	63.2	0	64.8	75.2	70	Y	-0.2	N	N	0.4	N	N
R4722	6	37.3	Dawning Views	75.5	75.7	71.2	72.8	56.4	57.3	0	63.5	0	65	75.5	70	Y	-0.2	N	N	0.4	N	N
R4722	7	40.3	Dawning Views	75.7	75.8	71.4	73	56.4	57.4	0	63.7	0	65.2	75.7	70	Y	-0.1	N	N	0.4	N	N
R4722	8	43.3	Dawning Views	75.8	75.9	71.4	73.1	56.4	57.5	0	63.9	0	65.4	75.8	70	Y	-0.1	N	N	0.5	N	N
R4722	9	46.3	Dawning Views	75.8	76.0	71.4	73.3	56.6	57.6	0	64.1	0	65.6	75.9	70	Y	-0.1	N	N	0.4	N	N
R4722	10	49.3	Dawning Views	75.9	76.1	71.4	73.4	56.8	57.7	0	64.4	0	65.8	75.9	70	Y	-0.2	N	N	0.4	N	N
R4722	11	52.3	Dawning Views	76.0	76.1	71.4	73.4	57	57.7	0	64.8	0	66.1	76	70	Y	-0.1	N	N	0.5	N	N
R4722	12	55.3	Dawning Views	76.0	76.1	71.4	73.4	57.3	57.7	0	65	0	66.3	76	70	Y	-0.1	N	N	0.5	N	N
R4722	13	58.3	Dawning Views	76.0	76.1	71.3	73.5	57.6	57.7	0	65.1	0	66.5	76	70	Y	-0.1	N	N	0.5	N	N
R4722	14	61.3	Dawning Views	76.0	76.1	71.4	73.5	57.9	57.7	0	65.2	0	66.6	76.1	70	Y	0.0	N	N	0.5	N	N
R4722	15	64.3	Dawning Views	76.0	76.2	71.4	73.5	58.2	57.6	0	65.2	0	66.6	76.1	70	Y	-0.1	N	N	0.5	N	N
R4722	16	67.3	Dawning Views	76.0	76.1	71.3	73.4	58.5	57.6	0	65.2	0	66.7	76	70	Y	-0.1	N	N	0.5	N	N
R4722	17	70.3	Dawning Views	76.0	76.1	71.4	73.4	58.8	57.6	0	65.3	0	66.7	76.1	70	Y	0.0	N	N	0.6	N	N
R4722	18	73.3	Dawning Views	76.0	76.1	71.4	73.4	59	57.5	0	65.2	0	66.7	76.1	70	Y	0.0	N	N	0.6	N	N
R4722	19	76.3	Dawning Views	76.0	76.1	71.4	73.4	59.2	57.5	0	65.2	0	66.7	76.1	70	Y	0.0	N	N	0.6	N	N
R4722	20	79.3	Dawning Views	76.0	76.1	71.4	73.4	59.3	57.5	0	65.2	0	66.7	76	70	Y	-0.1	N	N	0.5	N	N
R4722	21	82.3	Dawning Views	76.0	76.1	71.4	73.3	59.5	57.4	0	65.1	0	66.7	76	70	Y	-0.1	N	N	0.5	N	N
R4722	22	85.3	Dawning Views	76.0	76.1	71.5	73.3	59.7	57.4	0	65.1	0	66.7	76	70	Y	-0.1	N	N	0.5	N	N
R4722	23	88.3	Dawning Views	76.0	76.1	71.5	73.3	59.8	57.4	0	65	0	66.7	76	70	Y	-0.1	N	N	0.5	N	N
R4722	24	91.3	Dawning Views	76.0	76.1	71.5	73.3	59.9	57.3	0	65	0	66.7	76.1	70	Y	0.0	N	N	0.6	N	N
R4722	25	94.3	Dawning Views	76.0	76.1	71.5	73.4	60	57.3	0	64.9	0	66.7	76.1	70	Y	0.0	N	N	0.5	N	N
R4722	26	97.3	Dawning Views	76.0	76.1	71.5	73.4	60.1	57.3	0	64.9	0	66.7	76.1	70	Y	0.0	N	N	0.5	N	N
R4722	27	100.3	Dawning Views	76.0	76.1	71.6	73.4	60.2	57.2	0	64.9	0	66.7	76.1	70	Y	0.0	N	N	0.5	N	N
R4722	28	103.3	Dawning Views	76.0	76.1	71.6	73.4	60.3	57.2	0	64.8	0	66.6	76.1	70	Y	0.0	N	N	0.5	N	N
R4722	29	106.3	Dawning Views	76.0	76.1	71.6	73.4	60.4	57.2	0	64.7	0	66.6	76.1	70	Y	0.0	N	N	0.5	N	N
R4741	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	69.8	69.8	68.7	63.2	41.7	41.1	0	49.3	0	50.5	69.8	70	N	0.0	N	N	0.0	N	N
R4741	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	69.9	69.9	68.7	63.4	44.4	43.4	0	51.6	0	52.9	69.9	70	N	0.0	N	N	0.1	N	N
R4741	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	70.1	70.2	68.9	63.7	47.8	45.9	0	54.4	0	55.7	70.2	70	N	0.0	N	N	0.2	N	N
R4742	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	61.0	61.3	56.6	56.1	46.6	54.9	0	54.1	0	57.9	61.7	70	N	0.4	N	N	2.3	Y	N
R4742	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	62.3	62.5	57.6	57.9	48.8	55.3	0	56.2	0	59.2	63.1	70	N	0.6	N	N	2.3	Y	N
R4742	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	64.0	64.3	59.3	59.8	51	55.9	0	58.6	0	60.9	64.8	70	N	0.5	N	N	2.2	Y	N
R4743	1	15.3	Wo Hop Shek San Tsuen, Regalia Villa	55.3	57.1	44.2	47.8	32	45.1	0	56.1	0	56.4	57.2	70	N	0.1	N	N	7.8	Y	N
R4743	2	18.3	Wo Hop Shek San Tsuen, Regalia Villa	56.2	57.9	44.3	49.5	33.9	45.7	0	56.8	0	57.2	58	70	N	0.1	N	N	7.4	Y	N
R4743	3	21.3	Wo Hop Shek San Tsuen, Regalia Villa	57.0	58.6	44.6	51.3	36.3	46.5	0	57.3	0	57.7	58.7	70	N	0.1	N	N	6.6	Y	N
R4747	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	76.3	76.4	75.4	66.1	51.3	62.6	0	65.5	0	67.4	76.5	70	Y	0.1	N	N	0.6	N	N
R4747	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	76.3	76.4	75.3	66.3	52	62.6	0	65.7	0	67.6	76.5	70	Y	0.1	N	N	0.7	N	N
R4747	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	76.2	76.3	75.2	66.4	52.7	62.5	0	65.7	0	67.5	76.4	70	Y	0.1	N	N	0.7	N	N
R4748	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.8	75.1	67.5	53.1	66.7	0	67.9	0	70.4	76.9	70	Y	0.1	N	N	1.1	Y	Y
R4748	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.8	75.1	67.7	53.9	66.6	0	68.1	0	70.5	77	70	Y	0.2	N	Y	1.2	Y	Y
R4748	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	76.7	76.8	75	67.9	54.7	66.5	0	68.1	0	70.5	76.9	70	Y	0.1	N	Y	1.1	Y	Y
R4749	1	16.1	Wo Hop Shek San Tsuen, Regalia Villa	74.1	74.3	70.5	67.7	53.7	67	0	67.8	0	70.5	74.5	70	Y	0.2	N	Y	2.2	Y	Y
R4749	2	19.1	Wo Hop Shek San Tsuen, Regalia Villa	74.3	74.5	70.4	68.1	56.1	67.1	0	68.4	0	70.9	74.8	70	Y	0.3	N	Y	2.4	Y	Y
R4749	3	22.1	Wo Hop Shek San Tsuen, Regalia Villa	74.4	74.7	70.4	68.4	57.1	67.3	0	68.9	0	71.3	75	70	Y	0.3	N	Y	2.5	Y	Y
R4761	1	31.0	Scattered Village Houses along MTRC and Fanling Highway	66.1	71.2	53.8	69.1	55.2	48.1	0	66.8	0	67.2	71.3	70	Y	0.1	N	N	2.1	Y	Y
R4761	2	34.0	Scattered Village Houses along MTRC and Fanling Highway	70.5	76.4	55.8	74.9	58.7	55.8	0	70.4	0	70.8	76.4	70	Y	0.0	N	Y	1.4	Y	Y
R4763	1	21.3	Scattered Village Houses along MTRC and Fanling Highway	73.1	74.0	54.7	67	59.4	56.3	0	72.3	0	72.6	73.7	70	Y	-0.3	N	Y	6.5	Y	Y
R4763	2	24.3	Scattered Village Houses along MTRC and Fanling Highway	73.4	74.4	55.1	67.4	60.1	57.4	0	72.7	0	73	74.1	70	Y	-0.3	N	Y	6.5	Y	Y
R4781	1	19.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	68.9	69.4	56	62	56	61.3	0	67.8	0	68.9	69.9	70	N	0.5	N	N	6.9	Y	N
R4781	2	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	70.1	70.7	56.1	62.9	56.9	61.5	0	69.4	0	70.2	71.1	70	Y	0.4	N	N	7.4	Y	Y
R4783	1	24.3	Scattered Village Houses East of Wo Hop Shek San Tsuen	75.5	76.3	46.9	68.4	59.8	62.1	0	75.4	0	75.7	76.5	70	Y	0.2	N	Y	8.1	Y	Y
R4783	2	27.3	Scattered Village Houses East of Wo Hop Shek San Tsuen	77.4	78.5	48	69.6	60.5	63.6	0	77.7	0	77.9	78.5	70	Y	0.0	N	Y	8.9	Y	Y
R4784	1	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	73.5	74.5	50.8	67.1	59.1	61.3	0	73.4	0	73.8	74.7	70	Y	0.2	N	Y	7.5	Y	Y
R4784	2	25.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	77.0	78.4	51.1	69.1	59.9	63	0	77.8	0	78	78.5	70	Y	0.1	N	Y	9.3	Y	Y
R4785	1	22.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	72.6	74.1	32.6	61.5	59.1	59.9	0	73.5	0	73.9	74.1	70	Y	0.0	N	Y	12.6	Y	Y
R4785	2	25.4	Scattered Village Houses East of Wo Hop Shek San Tsuen	76.6	78.3	33.9	65.2	59.9	62	0	78	0	78.1	78.3	70	Y	0.0	N	Y	13.1	Y	Y
R4801	1	6.4	Existing Temple	56.3	56.2	51.4	0	0	41.1	46.8	0	0	47.9	53	65	N	-3.2	N	N	1.6	Y	N
R4801	2	10.4	Existing Temple	56.3	56.2	51.4	0	0	41.1	46.8	0	0	47.9	53	65	N	-3.2	N	N	1.6	Y	N
R4802	1	6.4	Existing Temple	59.1	59.1	54.4	0	0	40.8	48.4	0	0	49.1	55.5	65	N	-3.6	N	N	1.1	Y	N
R4802	2	10.4	Existing Temple	59.1	59.1	54.4	0	0	40.8	48.4	0	0	49.1	55.5	65	N	-3.6	N	N	1.1	Y	N
R4961	1	9.1	A1-8	-	-	67.2	0	59	0	46	0	0	59.2	67.9	65	Y	-	-	-	-	-	Y
R4961	2	13.1	A1-8	-	-	67.2	0	59	0	46	0	0	59.2	67.9	65	Y	-	-	-	-	-	Y
R4961	3	17.1	A1-8	-	-	67.2	0	59	0	46	0	0	59.2	67.9	65	Y	-	-	-	-	-	Y
R4961	4	21.1	A1-8	-	-	67.2	0	59	0	45.9	0	0	59.2	67.8	65	Y	-	-	-	-	-	Y
R4961	5	25.1	A1-8	-	-	67.1	0	58.9	0	45.9	0	0	59.1	67.8	65	Y	-	-	-	-	-	Y
R4961	6	29.1	A1-8	-	-	67.1	0	58.9	0	45.9	0	0	59.1	67.8	65	Y	-	-	-	-	-	Y
R4961	7	33.1	A1-8	-	-	67	0	58.8	0	45.8	0	0	59	67.7	65	Y	-	-	-	-	-	Y
R4962	1	9.1	A1-8	-	-	51.2	0	61.4	62.5	47.5	0	0	65.1	65.2	65	N	-	-	-	-	-	N
R4962	2	13.1	A1-8	-	-	51.2	0	61.4	62.5	47.5	0	0	65	65.2	65	N	-	-	-	-	-	N
R4962	3	17.1	A1-8	-	-	51.2	0	61.3	62.5	47.5	0	0	65	65.2	65	N	-	-	-	-	-	N
R4962	4	21.1	A1-8	-	-	51.2	0	61.3	62.4	47.5	0	0	65	65.2	65	N	-	-	-	-	-	N
R4962	5	25.1	A1-8	-	-	51.2	0	61.3	62.4	47.5	0	0	65	65.1	65	N	-	-	-	-	-	N
R4962	6	29.1	A1-8	-	-	51.2	0	61.3	62.3	47.4	0	0	64.9	65.1	65	N	-	-	-	-	-	N
R4962	7	33.1	A1-8	-	-	51.2	0	61.2	62.3	47.4	0	0	64.9	65.1	65	N	-	-	-	-	-	N
R4963	1	9.1	A1-8	-	-	65.6	0	59.2	51.8	42.4	0	0	60	66.7	65	Y	-	-	-	-	-	Y
R4963	2	13.1	A1-8	-	-	65.5	0	59.2	51.8	42.4	0	0	60	66.6	65	Y	-	-	-	-	-	Y
R4963	3	17.1	A1-8	-	-	65.5	0	59.2	51.8	42.4	0	0	60	66.6	65	Y	-	-	-	-	-	Y
R4963	4	21.1	A1-8	-	-	65.5	0	59.1	51.7	42.4	0	0	59.9	66.6	65	Y	-	-	-	-	-	Y
R4963	5	25.1	A1-8	-	-	65.4	0	59.1	51.7	42.4	0	0	59.9	66.5	65	Y	-	-	-	-	-	Y
R4963	6	29.1	A1-8	-	-	65.4	0	59.2	51.8	42.4	0	0	60	66.5	65	Y	-	-	-	-	-	Y
R4963	7	33.1	A1-8	-	-	65.3	0	59.2	52.3	42.5	0	0	60.1	66.5	65	Y	-	-	-	-	-	Y
R4981	1	7.2	A1-11	-	-	49.3	0	59	59.3	59	0	0	63.9	64	65	N	-	-	-	-	-	N
R4981	2	11.2	A1-11	-	-	49.3	0	59	59.2	59	0	0	63.8	64	65	N	-	-	-	-	-	N
R4981	3	15.2	A1-11	-	-	49.4	0	59	58.8	58.9	0	0	63.7	63.8	65	N	-	-	-	-	-	N
R4981	4	19.2	A1-11	-	-	49.5	0	59	58.3	58.9	0	0	63.5	63.7	65	N	-	-	-	-	-	N
R4981	5	23.2	A1-11	-	-	49.6	0	59.1	57.9	58.8	0	0	63.4	63.6	65	N	-	-	-	-	-	N
R4982	1	7.2	A1-11	-	-	49.7	0	56.9	64.4	56.7	0	0	65.7	65.8	65	Y	-	-	-	-	-	Y
R4982	2	11.2	A1-11	-	-	49.8	0	56.9	64.4	56.6	0	0	65.7	65.8	65	Y	-	-	-	-	-	Y
R4982	3	15.2	A1-11	-	-	50	0	56.9	64.4	56.6	0	0	65.7	65.8	65	Y	-	-	-	-	-	Y
R4982	4	19.2	A1-11	-	-	50.3	0	57	64.2	56.5	0	0	65.5	65.7	65	Y	-	-	-	-	-	Y
R4982	5	23.2	A1-11	-	-	51.1	0	57.1	64.1	56.5	0	0	65.4	65.6	65	Y	-	-	-	-	-	Y
R5001	1	16.0	B1-7	-	-	0	0	0	0	42.1	0	0	42.1	42.1	70	N	-	-	-	-	-	N
R5001	2	19.0	B1-7	-	-	0	0	0	0	41.8	0	0	41.8	41.8	70	N	-	-	-	-	-	N
R5001	3	22.0	B1-7	-	-	0	0	0	0	41.5	0	0	41.5	41.5	70	N	-	-	-	-	-	N
R5001	4	25.0	B1-7	-	-	0	0	0	0	41.2	0	0	41.2	41.2	70	N	-	-	-	-	-	N
R5001	5	28.0	B1-7	-	-	0	0	0	0	40.9	0	0	40.9	40.9	70	N	-	-	-	-	-	N
R5001	6	31.0	B1-7	-	-	0	0	0	0	40.6	0	0	40.6	40.6	70	N	-	-	-	-	-	N
R5001	7	34.0	B1-7	-	-	0	0	0	0	40.4	0	0	40.4	40.4	70	N	-	-	-	-	-	N
R5001	8	37.0	B1-7	-	-	0	0	0	0	40.2	0	0	40.2	40.2	70	N	-	-	-	-	-	N
R5001	9	40.0	B1-7	-	-	0	0	0	0	40	0	0	40	40	70	N	-	-	-	-	-	N
R5001	10	43.0	B1-7	-	-	0	0	0	0	39.8	0	0	39.8	39.8	70	N	-	-	-	-	-	N
R5001	11	46.0	B1-7	-	-	0	0	0	0	39.4	0	0	39.4	39.4	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5001	12	49.0	B1-7	-	-	0	0	0	0	39.1	0	0	39.1	39.1	70	N	-	-	-	-	-	N
R5001	13	52.0	B1-7	-	-	0	0	0	0	38.8	0	0	38.8	38.8	70	N	-	-	-	-	-	N
R5001	14	55.0	B1-7	-	-	0	0	0	0	38.4	0	0	38.4	38.4	70	N	-	-	-	-	-	N
R5001	15	58.0	B1-7	-	-	0	0	0	0	38.2	0	0	38.2	38.2	70	N	-	-	-	-	-	N
R5002	1	12.0	B1-7	-	-	0	0	0	47	42.8	0	0	48.4	48.4	70	N	-	-	-	-	-	N
R5002	2	15.0	B1-7	-	-	0	0	0	47	42.6	0	0	48.4	48.4	70	N	-	-	-	-	-	N
R5002	3	18.0	B1-7	-	-	0	0	0	47	42.5	0	0	48.3	48.3	70	N	-	-	-	-	-	N
R5002	4	21.0	B1-7	-	-	0	0	0	47	42.2	0	0	48.3	48.3	70	N	-	-	-	-	-	N
R5002	5	24.0	B1-7	-	-	0	0	0	47	42	0	0	48.2	48.2	70	N	-	-	-	-	-	N
R5002	6	27.0	B1-7	-	-	0	0	0	47	41.8	0	0	48.2	48.2	70	N	-	-	-	-	-	N
R5002	7	30.0	B1-7	-	-	0	0	0	47	41.5	0	0	48.1	48.1	70	N	-	-	-	-	-	N
R5002	8	33.0	B1-7	-	-	0	0	0	47	41.3	0	0	48.1	48.1	70	N	-	-	-	-	-	N
R5002	9	36.0	B1-7	-	-	0	0	0	47	41.2	0	0	48.1	48.1	70	N	-	-	-	-	-	N
R5002	10	39.0	B1-7	-	-	0	0	0	47	41	0	0	48	48	70	N	-	-	-	-	-	N
R5002	11	42.0	B1-7	-	-	0	0	0	47	40.6	0	0	47.9	47.9	70	N	-	-	-	-	-	N
R5002	12	45.0	B1-7	-	-	0	0	0	47	40.3	0	0	47.8	47.8	70	N	-	-	-	-	-	N
R5002	13	48.0	B1-7	-	-	0	0	0	47	39.9	0	0	47.8	47.8	70	N	-	-	-	-	-	N
R5002	14	51.0	B1-7	-	-	0	0	0	47	39.6	0	0	47.7	47.7	70	N	-	-	-	-	-	N
R5002	15	54.0	B1-7	-	-	0	0	0	47	39.3	0	0	47.7	47.7	70	N	-	-	-	-	-	N
R5003	1	12.0	B1-7	-	-	18.4	0	14.3	62.6	51.5	0	0	63	63	70	N	-	-	-	-	-	N
R5003	2	15.0	B1-7	-	-	18.9	0	14.3	63.7	51.5	0	0	64	64	70	N	-	-	-	-	-	N
R5003	3	18.0	B1-7	-	-	19.5	0	14.3	64.5	51.4	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5003	4	21.0	B1-7	-	-	20.1	0	14.3	65.6	51.3	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5003	5	24.0	B1-7	-	-	20.7	0	14.3	66.2	51.2	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5003	6	27.0	B1-7	-	-	21.4	0	14.2	66.6	51.2	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5003	7	30.0	B1-7	-	-	22	0	14.2	66.7	51.1	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5003	8	33.0	B1-7	-	-	22.7	0	14.2	66.7	51	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5003	9	36.0	B1-7	-	-	23.5	0	14.2	66.8	50.9	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5003	10	39.0	B1-7	-	-	24.2	0	14.2	66.7	50.8	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5003	11	42.0	B1-7	-	-	25	0	14.2	66.6	50.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5003	12	45.0	B1-7	-	-	25.7	0	14.2	66.5	50.5	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5003	13	48.0	B1-7	-	-	26.3	0	14.2	66.4	50.4	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5003	14	51.0	B1-7	-	-	27	0	14.2	66.3	50.3	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5003	15	54.0	B1-7	-	-	27.6	0	14.2	66.2	50.2	0	0	66.3	66.3	70	N	-	-	-	-	-	N
R5004	1	12.0	B1-7	-	-	15.7	0	14.4	66.1	63.3	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5004	2	15.0	B1-7	-	-	15.9	0	14.4	67.9	63.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5004	3	18.0	B1-7	-	-	16.1	0	14.3	70	63.1	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5004	4	21.0	B1-7	-	-	16.4	0	14.3	71	62.9	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5004	5	24.0	B1-7	-	-	16.6	0	14.3	71.3	62.8	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5004	6	27.0	B1-7	-	-	16.9	0	14.3	71.4	62.6	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5004	7	30.0	B1-7	-	-	17.2	0	14.3	71.3	62.3	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5004	8	33.0	B1-7	-	-	17.4	0	14.3	71.2	62	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5004	9	36.0	B1-7	-	-	17.9	0	14.3	71	61.8	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5004	10	39.0	B1-7	-	-	18.2	0	14.3	70.8	61.5	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5004	11	42.0	B1-7	-	-	18.6	0	14.3	70.6	61.3	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5004	12	45.0	B1-7	-	-	19.2	0	14.3	70.4	61.1	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5004	13	48.0	B1-7	-	-	19.7	0	14.2	70.2	60.8	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5004	14	51.0	B1-7	-	-	20.3	0	14.2	70	60.6	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5004	15	54.0	B1-7	-	-	20.9	0	14.2	69.8	60.5	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5005	1	12.0	B1-7	-	-	38.9	0	0	67.7	65.3	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5005	2	15.0	B1-7	-	-	38.9	0	0	69.8	65.2	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5005	3	18.0	B1-7	-	-	38.9	0	0	71.5	65	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5005	4	21.0	B1-7	-	-	38.9	0	0	72	64.7	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5005	5	24.0	B1-7	-	-	38.9	0	0	72.1	64.4	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5005	6	27.0	B1-7	-	-	38.9	0	0	72	64.2	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5005	7	30.0	B1-7	-	-	38.8	0	0	71.8	64	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5005	8	33.0	B1-7	-	-	38.8	0	0	71.6	63.7	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5005	9	36.0	B1-7	-	-	38.8	0	0	71.4	63.4	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5005	10	39.0	B1-7	-	-	38.8	0	0	71.2	63.2	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5005	11	42.0	B1-7	-	-	38.8	0	0	70.9	62.8	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5005	12	45.0	B1-7	-	-	38.8	0	0	70.7	62.5	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5005	13	48.0	B1-7	-	-	38.7	0	0	70.5	62.3	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5005	14	51.0	B1-7	-	-	38.7	0	0	70.3	62.1	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5005	15	54.0	B1-7	-	-	38.7	0	0	70	61.8	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5006	1	12.0	B1-7	-	-	43.5	0	0	71.6	65.6	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5006	2	15.0	B1-7	-	-	43.4	0	0	71.7	65.5	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5006	3	18.0	B1-7	-	-	43.4	0	0	71.7	65.3	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5006	4	21.0	B1-7	-	-	43.4	0	0	71.6	65	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5006	5	24.0	B1-7	-	-	43.4	0	0	71.5	64.8	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5006	6	27.0	B1-7	-	-	43.3	0	0	71.3	64.6	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5006	7	30.0	B1-7	-	-	43.3	0	0	71.1	64.3	0	0	72	72	70	Y	-	-	-	-	-	Y
R5006	8	33.0	B1-7	-	-	43.3	0	0	70.9	64.1	0	0	71.7	71.8	70	Y	-	-	-	-	-	Y
R5006	9	36.0	B1-7	-	-	43.3	0	0	70.7	63.8	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5006	10	39.0	B1-7	-	-	43.2	0	0	70.5	63.6	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5006	11	42.0	B1-7	-	-	43.2	0	0	70.3	63.3	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5006	12	45.0	B1-7	-	-	43.1	0	0	70.1	63.1	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5006	13	48.0	B1-7	-	-	43.1	0	0	69.9	62.8	0	0	70.6	70.7	70	Y	-	-	-	-	-	Y
R5006	14	51.0	B1-7	-	-	43.1	0	0	69.6	62.6	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5006	15	54.0	B1-7	-	-	43	0	0	69.5	62.4	0	0	70.2	70.3	70	N	-	-	-	-	-	N
R5021	1	12.0	B1-8	-	-	41.2	0	0	59	53.4	0	0	60	60.1	70	N	-	-	-	-	-	N
R5021	2	15.0	B1-8	-	-	41.2	0	0	59	53.4	0	0	60.1	60.1	70	N	-	-	-	-	-	N
R5021	3	18.0	B1-8	-	-	41.2	0	0	59	53.4	0	0	60.1	60.1	70	N	-	-	-	-	-	N
R5041	1	16.0	B1-9	-	-	41.1	0	0	58.9	51	0	0	59.6	59.6	70	N	-	-	-	-	-	N
R5041	2	19.0	B1-9	-	-	41.1	0	0	58.9	51	0	0	59.6	59.7	70	N	-	-	-	-	-	N
R5041	3	22.0	B1-9	-	-	41.1	0	0	59	51	0	0	59.6	59.7	70	N	-	-	-	-	-	N
R5041	4	25.0	B1-9	-	-	41.1	0	0	59	51	0	0	59.6	59.7	70	N	-	-	-	-	-	N
R5041	5	28.0	B1-9	-	-	41.1	0	0	59	50.9	0	0	59.6	59.7	70	N	-	-	-	-	-	N
R5041	6	31.0	B1-9	-	-	41.1	0	0	59.1	50.9	0	0	59.7	59.7	70	N	-	-	-	-	-	N
R5041	7	34.0	B1-9	-	-	41.1	0	0	59.1	50.9	0	0	59.7	59.8	70	N	-	-	-	-	-	N
R5041	8	37.0	B1-9	-	-	41.1	0	0	59.2	50.8	0	0	59.8	59.8	70	N	-	-	-	-	-	N
R5041	9	40.0	B1-9	-	-	41.1	0	0	59.2	50.8	0	0	59.8	59.8	70	N	-	-	-	-	-	N
R5041	10	43.0	B1-9	-	-	41.1	0	0	59.2	50.7	0	0	59.8	59.9	70	N	-	-	-	-	-	N
R5041	11	46.0	B1-9	-	-	41.1	0	0	59.2	50.7	0	0	59.8	59.9	70	N	-	-	-	-	-	N
R5041	12	49.0	B1-9	-	-	41.1	0	0	59.3	50.7	0	0	59.8	59.9	70	N	-	-	-	-	-	N
R5061	1	13.0	B2-6	-	-	41.1	0	49.6	30.2	64.7	0	0	64.8	64.8	70	N	-	-	-	-	-	N
R5061	2	15.7	B2-6	-	-	42.2	0	49.8	31.4	64.6	0	0	64.8	64.8	70	N	-	-	-	-	-	N
R5061	3	18.4	B2-6	-	-	43.5	0	50.1	32.8	64.6	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5061	4	21.1	B2-6	-	-	45	0	50.4	34.4	64.5	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5061	5	23.8	B2-6	-	-	47.2	0	50.9	36	64.4	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5061	6	26.5	B2-6	-	-	50	0	51.6	38	64.2	0	0	64.4	64.6	70	N	-	-	-	-	-	N
R5061	7	29.2	B2-6	-	-	52.9	0	52.7	40.4	64.1	0	0	64.4	64.7	70	N	-	-	-	-	-	N
R5061	8	31.9	B2-6	-	-	55.2	0	54.1	43.9	64	0	0	64.5	65	70	N	-	-	-	-	-	N
R5061	9	34.6	B2-6	-	-	56.1	0	55.8	46.9	63.8	0	0	64.6	65.1	70	N	-	-	-	-	-	N
R5061	10	37.3	B2-6	-	-	56.5	0	57.2	48.4	63.7	0	0	64.7	65.3	70	N	-	-	-	-	-	N
R5061	11	40.0	B2-6	-	-	56.9	0	58.3	49	63.6	0	0	64.8	65.5	70	N	-	-	-	-	-	N
R5061	12	42.7	B2-6	-	-	57.1	0	59	49.3	63.5	0	0	64.9	65.6	70	N	-	-	-	-	-	N
R5061	13	45.4	B2-6	-	-	57.3	0	59.5	49.4	63.4	0	0	65	65.7	70	N	-	-	-	-	-	N
R5061	14	48.1	B2-6	-	-	57.4	0	59.8	49.4	63.2	0	0	65	65.7	70	N	-	-	-	-	-	N
R5061	15	50.8	B2-6	-	-	57.5	0	59.9	49.4	63.1	0	0	64.9	65.6	70	N	-	-	-	-	-	N
R5061	16	53.5	B2-6	-	-	57.6	0	60	49.5	63	0	0	64.9	65.6	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5061	17	56.2	B2-6	-	-	57.7	0	60	49.5	62.8	0	0	64.8	65.6		70	N	-	-	-	-	-	N
R5061	18	58.9	B2-6	-	-	57.7	0	60	49.5	62.7	0	0	64.7	65.5		70	N	-	-	-	-	-	N
R5061	19	61.6	B2-6	-	-	57.7	0	60	49.4	62.6	0	0	64.6	65.4		70	N	-	-	-	-	-	N
R5061	20	64.3	B2-6	-	-	57.7	0	60	49.4	62.5	0	0	64.6	65.4		70	N	-	-	-	-	-	N
R5061	21	67.0	B2-6	-	-	57.8	0	60	49.4	62.4	0	0	64.5	65.3		70	N	-	-	-	-	-	N
R5061	22	69.7	B2-6	-	-	57.8	0	60	49.4	62.3	0	0	64.4	65.3		70	N	-	-	-	-	-	N
R5061	23	72.4	B2-6	-	-	57.8	0	60	49.3	62.2	0	0	64.4	65.2		70	N	-	-	-	-	-	N
R5061	24	75.1	B2-6	-	-	57.9	0	60	49.3	62.1	0	0	64.3	65.2		70	N	-	-	-	-	-	N
R5061	25	77.8	B2-6	-	-	57.9	0	59.9	49.3	62	0	0	64.2	65.1		70	N	-	-	-	-	-	N
R5062	1	12.8	B2-6	-	-	49.9	0	55.2	55.8	66.4	0	0	67.1	67.2		70	N	-	-	-	-	-	N
R5062	2	15.5	B2-6	-	-	50.1	0	55.3	55.8	66.4	0	0	67	67.1		70	N	-	-	-	-	-	N
R5062	3	18.2	B2-6	-	-	50.2	0	55.3	55.8	66.2	0	0	66.9	67		70	N	-	-	-	-	-	N
R5062	4	20.9	B2-6	-	-	50.4	0	55.3	55.8	66	0	0	66.7	66.8		70	N	-	-	-	-	-	N
R5062	5	23.6	B2-6	-	-	50.7	0	55.4	55.8	65.8	0	0	66.6	66.7		70	N	-	-	-	-	-	N
R5062	6	26.3	B2-6	-	-	51.2	0	55.5	55.8	65.6	0	0	66.4	66.5		70	N	-	-	-	-	-	N
R5062	7	29.0	B2-6	-	-	52.1	0	55.8	55.8	65.4	0	0	66.3	66.4		70	N	-	-	-	-	-	N
R5062	8	31.7	B2-6	-	-	53.4	0	56.2	55.8	65.2	0	0	66.1	66.3		70	N	-	-	-	-	-	N
R5062	9	34.4	B2-6	-	-	54.7	0	57	55.7	65	0	0	66	66.4		70	N	-	-	-	-	-	N
R5062	10	37.1	B2-6	-	-	55.8	0	57.9	55.7	64.7	0	0	66	66.4		70	N	-	-	-	-	-	N
R5062	11	39.8	B2-6	-	-	56.5	0	58.9	55.7	64.5	0	0	66	66.5		70	N	-	-	-	-	-	N
R5062	12	42.5	B2-6	-	-	57	0	59.8	55.7	64.3	0	0	66	66.5		70	N	-	-	-	-	-	N
R5062	13	45.2	B2-6	-	-	57.3	0	60.2	55.7	64.1	0	0	66	66.6		70	N	-	-	-	-	-	N
R5062	14	47.9	B2-6	-	-	57.6	0	60.4	55.7	64	0	0	66	66.6		70	N	-	-	-	-	-	N
R5062	15	50.6	B2-6	-	-	57.7	0	60.6	55.7	63.8	0	0	65.9	66.5		70	N	-	-	-	-	-	N
R5062	16	53.3	B2-6	-	-	57.8	0	60.6	55.7	63.6	0	0	65.8	66.5		70	N	-	-	-	-	-	N
R5062	17	56.0	B2-6	-	-	57.9	0	60.6	55.8	63.4	0	0	65.7	66.4		70	N	-	-	-	-	-	N
R5062	18	58.7	B2-6	-	-	57.9	0	60.6	55.8	63.2	0	0	65.6	66.3		70	N	-	-	-	-	-	N
R5062	19	61.4	B2-6	-	-	57.9	0	60.6	55.8	63.1	0	0	65.5	66.2		70	N	-	-	-	-	-	N
R5062	20	64.1	B2-6	-	-	57.9	0	60.6	55.9	62.9	0	0	65.4	66.1		70	N	-	-	-	-	-	N
R5063	1	12.8	B2-6	-	-	34.5	0	55.4	61.3	58.5	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	2	15.5	B2-6	-	-	35.5	0	55.4	61.3	58.5	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	3	18.2	B2-6	-	-	36.6	0	55.4	61.3	58.5	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	4	20.9	B2-6	-	-	37.8	0	55.4	61.3	58.5	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	5	23.6	B2-6	-	-	39	0	55.4	61.3	58.4	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	6	26.3	B2-6	-	-	40.4	0	55.4	61.3	58.4	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	7	29.0	B2-6	-	-	41.9	0	55.3	61.3	58.4	0	0	63.8	63.8		70	N	-	-	-	-	-	N
R5063	8	31.7	B2-6	-	-	43.8	0	55.3	61.3	58.3	0	0	63.7	63.8		70	N	-	-	-	-	-	N
R5063	9	34.4	B2-6	-	-	46.1	0	55.3	61.3	58.3	0	0	63.7	63.8		70	N	-	-	-	-	-	N
R5063	10	37.1	B2-6	-	-	47.8	0	55.3	61.3	58.2	0	0	63.7	63.8		70	N	-	-	-	-	-	N
R5063	11	39.8	B2-6	-	-	49.4	0	55.3	61.3	58.2	0	0	63.7	63.9		70	N	-	-	-	-	-	N
R5063	12	42.5	B2-6	-	-	50.9	0	55.3	61.3	58.2	0	0	63.7	63.9		70	N	-	-	-	-	-	N
R5063	13	45.2	B2-6	-	-	52	0	55.3	61.3	58.1	0	0	63.7	63.9		70	N	-	-	-	-	-	N
R5063	14	47.9	B2-6	-	-	52.8	0	55.3	61.3	58	0	0	63.6	64		70	N	-	-	-	-	-	N
R5063	15	50.6	B2-6	-	-	53.4	0	55.3	61.3	58	0	0	63.6	64		70	N	-	-	-	-	-	N
R5063	16	53.3	B2-6	-	-	54	0	55.4	61.3	58	0	0	63.6	64.1		70	N	-	-	-	-	-	N
R5063	17	56.0	B2-6	-	-	54.2	0	55.4	61.3	57.9	0	0	63.6	64.1		70	N	-	-	-	-	-	N
R5063	18	58.7	B2-6	-	-	54.4	0	55.4	61.3	57.9	0	0	63.6	64.1		70	N	-	-	-	-	-	N
R5063	19	61.4	B2-6	-	-	54.4	0	55.5	61.3	57.8	0	0	63.6	64.1		70	N	-	-	-	-	-	N
R5063	20	64.1	B2-6	-	-	54.4	0	55.5	61.3	57.8	0	0	63.6	64.1		70	N	-	-	-	-	-	N
R5064	1	12.8	B2-6	-	-	43.4	0	26.4	62.9	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	2	15.5	B2-6	-	-	43.5	0	26.9	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	3	18.2	B2-6	-	-	43.5	0	27.4	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	4	20.9	B2-6	-	-	43.6	0	27.8	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	5	23.6	B2-6	-	-	43.8	0	28.3	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	6	26.3	B2-6	-	-	43.8	0	28.9	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	7	29.0	B2-6	-	-	44	0	29.3	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	8	31.7	B2-6	-	-	44.2	0	29.9	62.8	56.1	0	0	63.7	63.7		70	N	-	-	-	-	-	N
R5064	9	34.4	B2-6	-	-	44.4	0	30.5	62.8	56.1	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	10	37.1	B2-6	-	-	44.8	0	31.1	62.8	56.1	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	11	39.8	B2-6	-	-	45.3	0	31.7	62.8	56.1	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	12	42.5	B2-6	-	-	45.8	0	32.3	62.8	56.1	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	13	45.2	B2-6	-	-	46.3	0	32.9	62.8	56	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	14	47.9	B2-6	-	-	46.7	0	33.5	62.8	56	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	15	50.6	B2-6	-	-	47.2	0	34.2	62.7	56	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	16	53.3	B2-6	-	-	47.7	0	35	62.7	56	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	17	56.0	B2-6	-	-	48.3	0	35.7	62.7	56	0	0	63.6	63.7		70	N	-	-	-	-	-	N
R5064	18	58.7	B2-6	-	-	49	0	36.5	62.7	56	0	0	63.5	63.7		70	N	-	-	-	-	-	N
R5064	19	61.4	B2-6	-	-	49.5	0	37.3	62.7	56	0	0	63.5	63.7		70	N	-	-	-	-	-	N
R5064	20	64.1	B2-6	-	-	50	0	38.3	62.7	56	0	0	63.5	63.7		70	N	-	-	-	-	-	N
R5081	1	13.0	B2-7	-	-	34	0	33.6	0	46.3	0	0	46.5	46.8		70	N	-	-	-	-	-	N
R5081	2	15.7	B2-7	-	-	36.6	0	34.8	0	46.5	0	0	46.8	47.2		70	N	-	-	-	-	-	N
R5081	3	18.4	B2-7	-	-	39.8	0	36.1	0	46.9	0	0	47.2	48		70	N	-	-	-	-	-	N
R5081	4	21.1	B2-7	-	-	43.3	0	38.8	0	47.4	0	0	47.9	49.2		70	N	-	-	-	-	-	N
R5081	5	23.8	B2-7	-	-	45.6	0	41	0	48.3	0	0	49	50.6		70	N	-	-	-	-	-	N
R5081	6	26.5	B2-7	-	-	47.8	0	41.7	0	50.3	0	0	50.8	52.6		70	N	-	-	-	-	-	N
R5081	7	29.2	B2-7	-	-	49.6	0	42.7	0	51.7	0	0	52.2	54.1		70	N	-	-	-	-	-	N
R5081	8	31.9	B2-7	-	-	50.5	0	43.9	0	53	0	0	53.5	55.3		70	N	-	-	-	-	-	N
R5081	9	34.6	B2-7	-	-	51.2	0	44.8	0	54.6	0	0	55	56.5		70	N	-	-	-	-	-	N
R5081	10	37.3	B2-7	-	-	51.8	0	45.8	0	55.5	0	0	55.9	57.3		70	N	-	-	-	-	-	N
R5081	11	40.0	B2-7	-	-	52.2	0	46.6	0	55.9	0	0	56.4	57.8		70	N	-	-	-	-	-	N
R5081	12	42.7	B2-7	-	-	52.6	0	47.4	0	56.3	0	0	56.8	58.2		70	N	-	-	-	-	-	N
R5081	13	45.4	B2-7	-	-	53.1	0	48	0	56.5	0	0	57.1	58.5		70	N	-	-	-	-	-	N
R5081	14	48.1	B2-7	-	-	53.4	0	48.6	0	56.9	0	0	57.5	59		70	N	-	-	-	-	-	N
R5081	15	50.8	B2-7	-	-	53.7	0	49.2	0	57.4	0	0	58	59.4		70	N	-	-	-	-	-	N
R5081	16	53.5	B2-7	-	-	54.1	0	49.8	0	57.9	0	0	58.5	59.8		70	N	-	-	-	-	-	N
R5081	17	56.2	B2-7	-	-	54.3	0	50.1	0	58.3	0	0	59	60.2		70	N	-	-	-	-	-	N
R5081	18	58.9	B2-7	-	-	54.5	0	50.4	0	58.8	0	0	59.4	60.6		70	N	-	-	-	-	-	N
R5081	19	61.6	B2-7	-	-	54.6	0	50.6	0	59.2	0	0	59.7	60.9		70	N	-	-	-	-	-	N
R5081	20	64.3	B2-7	-	-	54.7	0	50.8	0	59.4	0	0	60	61.1		70	N	-	-	-	-	-	N
R5081	21	67.0	B2-7	-	-	54.8	0	50.9	0	59.6	0	0	60.1	61.3		70	N	-	-	-	-	-	N
R5081	22	69.7	B2-7	-	-	54.9	0	51	0	59.8	0	0	60.3	61.4		70	N	-	-	-	-	-	N
R5081	23	72.4	B2-7	-	-	55	0	51	0	59.9	0	0	60.4	61.5		70	N	-	-	-	-	-	N
R5081	24	75.1	B2-7	-	-	55	0	51.1	0	59.9	0	0	60.4	61.5		70	N	-	-	-	-	-	N
R5081	25	77.8	B2-7	-	-	55	0	51	0	60	0	0	60.5	61.6		70	N	-	-	-	-	-	N
R5081	26	80.5	B2-7	-	-	55.1	0	51	0	59.9	0	0	60.4	61.5		70	N	-	-	-	-	-	N
R5081	27	83.2	B2-7	-	-	55.1	0	51	0	59.9	0	0	60.4	61.5		70	N	-	-	-	-	-	N
R5081	28	85.9	B2-7	-	-	55.1	0	51	0	59.8	0	0	60.4	61.5		70	N	-	-	-	-	-	N
R5081	29	88.6	B2-7	-	-	55.2	0	51	0	59.8	0	0	60.3	61.5		70	N	-	-	-	-	-	N
R5081	30	91.3	B2-7	-	-	55.2	0	51	0	59.7	0	0	60.2	61.4		70	N	-	-	-	-	-	N
R5081	31	94.0	B2-7	-	-	55.2	0	51	0	59.6	0	0	60.2	61.4		70	N	-	-	-	-	-	N
R5081	32	96.7	B2-7	-	-	55.2	0	51	0	59.5	0	0	60.1	61.3		70	N	-	-	-	-	-	N
R5081	33	99.4	B2-7	-	-	55.2	0	51.1	0	59.5	0	0	60.1	61.3		70	N	-	-	-	-	-	N
R5081	34	102.1	B2-7	-	-	55.2	0	51	0	59.4	0	0	60	61.2		70	N	-	-	-	-	-	N
R5081	35	104.8	B2-7	-	-	55.2	0	51	0	59.3	0	0	59.9	61.2		70	N	-	-	-	-	-	N
R5082	1	13.0	B2-7	-	-	40.4	0	45.1	0	59.7	0	0	59.9	59.9		70	N	-	-	-	-	-	N
R5082	2	15.7	B2-7	-	-	42.8	0	45.5	0	59.6	0	0	59.8	59.9		70	N	-	-	-	-	-	N
R5082	3	18.4	B2-7	-	-	45.7	0	46	0	59.6	0	0	59.7	59.9		70	N	-	-	-	-	-	N
R5082	4	21.1	B2-7	-	-	49	0	46.5	0	59.4	0	0	59.7	60		70	N	-	-	-	-	-	N
R5082	5	23.8	B2-7	-	-	52.2	0	47.4	0	59.4	0	0	59.7	60.4		70	N	-	-	-	-	-	N
R5082	6	26.5	B2-7	-	-	54.6	0	48.6	0	59.4	0	0	59.8	60.9		70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5082	7	29.2	B2-7	-	-	56.2	0	50.3	0	59.8	0	0	60.2	61.7	70	N	-	-	-	-	-	N
R5082	8	31.9	B2-7	-	-	57.1	0	52.2	0	60.2	0	0	60.8	62.3	70	N	-	-	-	-	-	N
R5082	9	34.6	B2-7	-	-	57.6	0	54.2	0	60.4	0	0	61.3	62.8	70	N	-	-	-	-	-	N
R5082	10	37.3	B2-7	-	-	58	0	55.4	0	60.5	0	0	61.7	63.2	70	N	-	-	-	-	-	N
R5082	11	40.0	B2-7	-	-	58.3	0	56	0	60.7	0	0	62	63.5	70	N	-	-	-	-	-	N
R5082	12	42.7	B2-7	-	-	58.6	0	56.3	0	61	0	0	62.2	63.8	70	N	-	-	-	-	-	N
R5082	13	45.4	B2-7	-	-	58.8	0	56.5	0	61.2	0	0	62.5	64	70	N	-	-	-	-	-	N
R5082	14	48.1	B2-7	-	-	58.9	0	56.5	0	61.4	0	0	62.7	64.2	70	N	-	-	-	-	-	N
R5082	15	50.8	B2-7	-	-	59.1	0	56.5	0	61.7	0	0	62.9	64.4	70	N	-	-	-	-	-	N
R5082	16	53.5	B2-7	-	-	59.2	0	56.5	0	61.9	0	0	63	64.6	70	N	-	-	-	-	-	N
R5082	17	56.2	B2-7	-	-	59.4	0	56.4	0	62.2	0	0	63.2	64.7	70	N	-	-	-	-	-	N
R5082	18	58.9	B2-7	-	-	59.5	0	56.4	0	62.3	0	0	63.3	64.8	70	N	-	-	-	-	-	N
R5082	19	61.6	B2-7	-	-	59.6	0	56.4	0	62.4	0	0	63.4	64.9	70	N	-	-	-	-	-	N
R5082	20	64.3	B2-7	-	-	59.8	0	56.4	0	62.4	0	0	63.4	65	70	N	-	-	-	-	-	N
R5082	21	67.0	B2-7	-	-	59.8	0	56.4	0	62.4	0	0	63.4	65	70	N	-	-	-	-	-	N
R5082	22	69.7	B2-7	-	-	59.9	0	56.4	0	62.4	0	0	63.4	65	70	N	-	-	-	-	-	N
R5082	23	72.4	B2-7	-	-	60	0	56.3	0	62.4	0	0	63.4	65	70	N	-	-	-	-	-	N
R5082	24	75.1	B2-7	-	-	60.1	0	56.3	0	62.4	0	0	63.3	65	70	N	-	-	-	-	-	N
R5082	25	77.8	B2-7	-	-	60.1	0	56.3	0	62.3	0	0	63.3	65	70	N	-	-	-	-	-	N
R5082	26	80.5	B2-7	-	-	60.2	0	56.3	0	62.2	0	0	63.2	65	70	N	-	-	-	-	-	N
R5082	27	83.2	B2-7	-	-	60.2	0	56.3	0	62.1	0	0	63.1	64.9	70	N	-	-	-	-	-	N
R5082	28	85.9	B2-7	-	-	60.3	0	56.2	0	62	0	0	63	64.9	70	N	-	-	-	-	-	N
R5082	29	88.6	B2-7	-	-	60.3	0	56.2	0	61.9	0	0	62.9	64.8	70	N	-	-	-	-	-	N
R5082	30	91.3	B2-7	-	-	60.4	0	56.2	0	61.8	0	0	62.9	64.8	70	N	-	-	-	-	-	N
R5082	31	94.0	B2-7	-	-	60.4	0	56.2	0	61.7	0	0	62.8	64.8	70	N	-	-	-	-	-	N
R5082	32	96.7	B2-7	-	-	60.4	0	56.1	0	61.6	0	0	62.7	64.7	70	N	-	-	-	-	-	N
R5082	33	99.4	B2-7	-	-	60.4	0	56.1	0	61.5	0	0	62.6	64.7	70	N	-	-	-	-	-	N
R5082	34	102.1	B2-7	-	-	60.4	0	56.1	0	61.4	0	0	62.6	64.6	70	N	-	-	-	-	-	N
R5082	35	104.8	B2-7	-	-	60.4	0	56.1	0	61.3	0	0	62.5	64.6	70	N	-	-	-	-	-	N
R5083	1	13.0	B2-7	-	-	42.7	0	43.1	23.7	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5083	2	15.7	B2-7	-	-	44	0	44.6	25.1	68.2	0	0	68.2	68.3	70	N	-	-	-	-	-	N
R5083	3	18.4	B2-7	-	-	45.5	0	46.2	26.6	67.9	0	0	68	68	70	N	-	-	-	-	-	N
R5083	4	21.1	B2-7	-	-	47.2	0	48	28.2	67.6	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5083	5	23.8	B2-7	-	-	49.8	0	50.5	30.1	67.4	0	0	67.4	67.5	70	N	-	-	-	-	-	N
R5083	6	26.5	B2-7	-	-	52.5	0	53.4	32.1	67	0	0	67.2	67.4	70	N	-	-	-	-	-	N
R5083	7	29.2	B2-7	-	-	54.5	0	55.9	34.5	66.8	0	0	67.1	67.3	70	N	-	-	-	-	-	N
R5083	8	31.9	B2-7	-	-	55.8	0	57.8	38	66.4	0	0	67	67.3	70	N	-	-	-	-	-	N
R5083	9	34.6	B2-7	-	-	56.6	0	59.1	40.8	66.2	0	0	66.9	67.3	70	N	-	-	-	-	-	N
R5083	10	37.3	B2-7	-	-	57	0	59.8	42.4	65.9	0	0	66.9	67.3	70	N	-	-	-	-	-	N
R5083	11	40.0	B2-7	-	-	57.2	0	60.3	43	65.7	0	0	66.8	67.3	70	N	-	-	-	-	-	N
R5083	12	42.7	B2-7	-	-	57.4	0	60.6	43.2	65.5	0	0	66.7	67.2	70	N	-	-	-	-	-	N
R5083	13	45.4	B2-7	-	-	57.6	0	60.7	43.3	65.3	0	0	66.6	67.1	70	N	-	-	-	-	-	N
R5083	14	48.1	B2-7	-	-	57.8	0	60.7	43.3	65.1	0	0	66.5	67	70	N	-	-	-	-	-	N
R5083	15	50.8	B2-7	-	-	57.9	0	60.7	43.3	65	0	0	66.4	67	70	N	-	-	-	-	-	N
R5083	16	53.5	B2-7	-	-	58	0	60.7	43.2	64.8	0	0	66.3	66.9	70	N	-	-	-	-	-	N
R5083	17	56.2	B2-7	-	-	58.1	0	60.7	43.2	64.6	0	0	66.1	66.7	70	N	-	-	-	-	-	N
R5083	18	58.9	B2-7	-	-	58.2	0	60.7	43.2	64.4	0	0	66	66.7	70	N	-	-	-	-	-	N
R5083	19	61.6	B2-7	-	-	58.4	0	60.7	43.2	64.3	0	0	65.9	66.6	70	N	-	-	-	-	-	N
R5083	20	64.3	B2-7	-	-	58.5	0	60.6	43.2	64.1	0	0	65.7	66.5	70	N	-	-	-	-	-	N
R5083	21	67.0	B2-7	-	-	58.6	0	60.6	43.2	64	0	0	65.6	66.4	70	N	-	-	-	-	-	N
R5083	22	69.7	B2-7	-	-	58.7	0	60.6	43.2	63.8	0	0	65.5	66.4	70	N	-	-	-	-	-	N
R5083	23	72.4	B2-7	-	-	58.8	0	60.6	43.1	63.6	0	0	65.4	66.3	70	N	-	-	-	-	-	N
R5083	24	75.1	B2-7	-	-	58.8	0	60.5	43.1	63.5	0	0	65.3	66.2	70	N	-	-	-	-	-	N
R5083	25	77.8	B2-7	-	-	58.9	0	60.5	43.1	63.4	0	0	65.2	66.1	70	N	-	-	-	-	-	N
R5083	26	80.5	B2-7	-	-	58.9	0	60.5	43.1	63.2	0	0	65.1	66	70	N	-	-	-	-	-	N
R5083	27	83.2	B2-7	-	-	59	0	60.5	43.1	63.1	0	0	65	66	70	N	-	-	-	-	-	N
R5083	28	85.9	B2-7	-	-	59	0	60.4	43.1	63	0	0	64.9	65.9	70	N	-	-	-	-	-	N
R5083	29	88.6	B2-7	-	-	59	0	60.4	43	62.9	0	0	64.8	65.9	70	N	-	-	-	-	-	N
R5083	30	91.3	B2-7	-	-	59.1	0	60.4	43	62.8	0	0	64.8	65.8	70	N	-	-	-	-	-	N
R5083	31	94.0	B2-7	-	-	59.1	0	60.4	43	62.6	0	0	64.7	65.7	70	N	-	-	-	-	-	N
R5083	32	96.7	B2-7	-	-	59.1	0	60.3	43	62.5	0	0	64.6	65.7	70	N	-	-	-	-	-	N
R5083	33	99.4	B2-7	-	-	59.1	0	60.3	43	62.4	0	0	64.5	65.6	70	N	-	-	-	-	-	N
R5083	34	102.1	B2-7	-	-	59.2	0	60.3	42.9	62.3	0	0	64.4	65.6	70	N	-	-	-	-	-	N
R5083	35	104.8	B2-7	-	-	59.2	0	60.2	42.9	62.2	0	0	64.4	65.5	70	N	-	-	-	-	-	N
R5101	1	13.0	B2-11	-	-	42.2	0	0	63.5	56.1	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	2	15.7	B2-11	-	-	42.3	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	3	18.4	B2-11	-	-	42.3	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	4	21.1	B2-11	-	-	42.4	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	5	23.8	B2-11	-	-	42.5	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	6	26.5	B2-11	-	-	42.5	0	0	63.5	56.2	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5101	7	29.2	B2-11	-	-	42.6	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	8	31.9	B2-11	-	-	42.8	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	9	34.6	B2-11	-	-	42.9	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	10	37.3	B2-11	-	-	43.1	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	11	40.0	B2-11	-	-	43.4	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	12	42.7	B2-11	-	-	43.8	0	0	63.5	56.2	0	0	64.2	64.3	70	N	-	-	-	-	-	N
R5101	13	45.4	B2-11	-	-	44.2	0	0	63.5	56.2	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5101	14	48.1	B2-11	-	-	44.8	0	0	63.4	56.2	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5101	15	50.8	B2-11	-	-	45.2	0	0	63.4	56.2	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5101	16	53.5	B2-11	-	-	45.6	0	0	63.4	56.2	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5101	17	56.2	B2-11	-	-	46	0	0	63.4	56.2	0	0	64.1	64.2	70	N	-	-	-	-	-	N
R5101	18	58.9	B2-11	-	-	46.2	0	0	63.4	56.2	0	0	64.1	64.2	70	N	-	-	-	-	-	N
R5101	19	61.6	B2-11	-	-	46.5	0	0	63.4	56.2	0	0	64.1	64.2	70	N	-	-	-	-	-	N
R5101	20	64.3	B2-11	-	-	46.7	0	0	63.4	56.1	0	0	64.1	64.2	70	N	-	-	-	-	-	N
R5102	1	13.0	B2-11	-	-	44.6	0	0	64.2	60.9	0	0	65.8	65.9	70	N	-	-	-	-	-	N
R5102	2	15.7	B2-11	-	-	44.6	0	0	64.2	60.9	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	3	18.4	B2-11	-	-	44.6	0	0	64.2	61	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	4	21.1	B2-11	-	-	44.5	0	0	64.2	61	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	5	23.8	B2-11	-	-	44.5	0	0	64.2	61	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	6	26.5	B2-11	-	-	44.4	0	0	64.3	60.9	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	7	29.2	B2-11	-	-	44.3	0	0	64.3	60.8	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	8	31.9	B2-11	-	-	44.3	0	0	64.3	60.7	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	9	34.6	B2-11	-	-	44.2	0	0	64.3	60.6	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	10	37.3	B2-11	-	-	44.2	0	0	64.3	60.6	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5102	11	40.0	B2-11	-	-	44.1	0	0	64.3	60.5	0	0	65.8	65.9	70	N	-	-	-	-	-	N
R5102	12	42.7	B2-11	-	-	44.1	0	0	64.4	60.4	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5102	13	45.4	B2-11	-	-	43.9	0	0	64.3	60.3	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5102	14	48.1	B2-11	-	-	43.9	0	0	64.4	60.2	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5102	15	50.8	B2-11	-	-	43.8	0	0	64.3	60.1	0	0	65.7	65.8	70	N	-	-	-	-	-	N
R5102	16	53.5	B2-11	-	-	43.8	0	0	64.3	60	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5102	17	56.2	B2-11	-	-	43.7	0	0	64.3	59.9	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5102	18	58.9	B2-11	-	-	43.6	0	0	64.3	59.8	0	0	65.6	65.7	70	N	-	-	-	-	-	N
R5102	19	61.6	B2-11	-	-	43.6	0	0	64.3	59.7	0	0	65.6	65.6	70	N	-	-	-	-	-	N
R5102	20	64.3	B2-11	-	-	43.5	0	0	64.3	59.6	0	0	65.5	65.6	70	N	-	-	-	-	-	N
R5103	1	13.0	B2-11	-	-	15.9	0	0	60.9	66.6	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5103	2	15.7	B2-11	-	-	15.9	0	0	60.9	66.5	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5103	3	18.4	B2-11	-	-	15.9	0	0	61	66.4	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5103	4	21.1	B2-11	-	-	15.9	0	0	61	66.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5103	5	23.8	B2-11	-	-	15.9	0	0	61.1	66	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5103	6	26.5	B2-11	-	-	15.9	0	0	61.1	65.7	0	0	67	67	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT												Check Project Impact Significance			Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5103	7	29.2	B2-11	-	-	15.9	0	0	61.2	65.5	0	0		66.9	66.9	70	N	-	-	-	-	-	N
R5103	8	31.9	B2-11	-	-	15.9	0	0	61.3	65.3	0	0		66.7	66.7	70	N	-	-	-	-	-	N
R5103	9	34.6	B2-11	-	-	15.9	0	0	61.3	65	0	0		66.6	66.6	70	N	-	-	-	-	-	N
R5103	10	37.3	B2-11	-	-	15.8	0	0	61.4	64.8	0	0		66.4	66.4	70	N	-	-	-	-	-	N
R5103	11	40.0	B2-11	-	-	15.8	0	0	61.4	64.5	0	0		66.3	66.3	70	N	-	-	-	-	-	N
R5103	12	42.7	B2-11	-	-	15.8	0	0	61.4	64.3	0	0		66.1	66.1	70	N	-	-	-	-	-	N
R5103	13	45.4	B2-11	-	-	15.8	0	0	61.5	64.1	0	0		66	66	70	N	-	-	-	-	-	N
R5103	14	48.1	B2-11	-	-	15.8	0	0	61.5	63.9	0	0		65.9	65.9	70	N	-	-	-	-	-	N
R5103	15	50.8	B2-11	-	-	15.8	0	0	61.5	63.7	0	0		65.8	65.8	70	N	-	-	-	-	-	N
R5103	16	53.5	B2-11	-	-	15.7	0	0	61.6	63.5	0	0		65.6	65.6	70	N	-	-	-	-	-	N
R5103	17	56.2	B2-11	-	-	15.7	0	0	61.6	63.3	0	0		65.5	65.5	70	N	-	-	-	-	-	N
R5103	18	58.9	B2-11	-	-	15.7	0	0	61.6	63.1	0	0		65.4	65.4	70	N	-	-	-	-	-	N
R5103	19	61.6	B2-11	-	-	15.8	0	0	61.6	63	0	0		65.3	65.3	70	N	-	-	-	-	-	N
R5103	20	64.3	B2-11	-	-	15.7	0	0	61.6	62.8	0	0		65.3	65.3	70	N	-	-	-	-	-	N
R5104	1	13.0	B2-11	-	-	13.7	0	0	57	64	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5104	2	15.7	B2-11	-	-	13.7	0	0	57	64	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5104	3	18.4	B2-11	-	-	13.7	0	0	57.1	63.9	0	0		64.7	64.7	70	N	-	-	-	-	-	N
R5104	4	21.1	B2-11	-	-	13.7	0	0	57.1	63.8	0	0		64.7	64.7	70	N	-	-	-	-	-	N
R5104	5	23.8	B2-11	-	-	13.7	0	0	57.1	63.7	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5104	6	26.5	B2-11	-	-	13.7	0	0	57.2	63.6	0	0		64.5	64.5	70	N	-	-	-	-	-	N
R5104	7	29.2	B2-11	-	-	13.7	0	0	57.2	63.5	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5104	8	31.9	B2-11	-	-	13.7	0	0	57.3	63.4	0	0		64.3	64.3	70	N	-	-	-	-	-	N
R5104	9	34.6	B2-11	-	-	13.7	0	0	57.3	63.2	0	0		64.2	64.2	70	N	-	-	-	-	-	N
R5104	10	37.3	B2-11	-	-	13.7	0	0	57.4	63.1	0	0		64.1	64.1	70	N	-	-	-	-	-	N
R5104	11	40.0	B2-11	-	-	13.7	0	0	57.4	62.9	0	0		64	64	70	N	-	-	-	-	-	N
R5104	12	42.7	B2-11	-	-	13.8	0	0	57.5	62.8	0	0		63.9	63.9	70	N	-	-	-	-	-	N
R5104	13	45.4	B2-11	-	-	13.9	0	0	57.5	62.7	0	0		63.8	63.8	70	N	-	-	-	-	-	N
R5104	14	48.1	B2-11	-	-	14	0	0	57.5	62.5	0	0		63.7	63.7	70	N	-	-	-	-	-	N
R5104	15	50.8	B2-11	-	-	14.2	0	0	57.6	62.4	0	0		63.6	63.6	70	N	-	-	-	-	-	N
R5104	16	53.5	B2-11	-	-	14.4	0	0	57.6	62.3	0	0		63.5	63.5	70	N	-	-	-	-	-	N
R5104	17	56.2	B2-11	-	-	14.6	0	0	57.6	62.1	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5104	18	58.9	B2-11	-	-	15	0	0	57.7	62	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5104	19	61.6	B2-11	-	-	15.5	0	0	57.7	61.9	0	0		63.3	63.3	70	N	-	-	-	-	-	N
R5104	20	64.3	B2-11	-	-	15.9	0	0	57.7	61.8	0	0		63.2	63.2	70	N	-	-	-	-	-	N
R5104	21	67.0	B2-11	-	-	16.6	0	0	57.7	61.6	0	0		63.1	63.1	70	N	-	-	-	-	-	N
R5104	22	69.7	B2-11	-	-	17.4	0	0	57.7	61.5	0	0		63	63	70	N	-	-	-	-	-	N
R5104	23	72.4	B2-11	-	-	18.5	0	0	57.7	61.4	0	0		63	63	70	N	-	-	-	-	-	N
R5104	24	75.1	B2-11	-	-	19.6	0	0	57.8	61.3	0	0		62.9	62.9	70	N	-	-	-	-	-	N
R5104	25	77.8	B2-11	-	-	21.1	0	0	57.8	61.2	0	0		62.8	62.8	70	N	-	-	-	-	-	N
R5121	1	13.0	B2-12	-	-	29.7	0	0	54.9	66.1	0	0		66.4	66.4	70	N	-	-	-	-	-	N
R5121	2	15.7	B2-12	-	-	31.2	0	0	54.9	66	0	0		66.3	66.3	70	N	-	-	-	-	-	N
R5121	3	18.4	B2-12	-	-	33.4	0	0	54.9	65.8	0	0		66.1	66.1	70	N	-	-	-	-	-	N
R5121	4	21.1	B2-12	-	-	35.7	0	0	54.9	65.6	0	0		65.9	66	70	N	-	-	-	-	-	N
R5121	5	23.8	B2-12	-	-	38.3	0	0	54.9	65.4	0	0		65.8	65.8	70	N	-	-	-	-	-	N
R5121	6	26.5	B2-12	-	-	40.9	0	0	54.9	65.2	0	0		65.6	65.6	70	N	-	-	-	-	-	N
R5121	7	29.2	B2-12	-	-	42.6	0	0	54.9	64.9	0	0		65.3	65.4	70	N	-	-	-	-	-	N
R5121	8	31.9	B2-12	-	-	43.7	0	0	54.9	64.7	0	0		65.1	65.2	70	N	-	-	-	-	-	N
R5121	9	34.6	B2-12	-	-	44.4	0	0	54.9	64.5	0	0		65	65	70	N	-	-	-	-	-	N
R5121	10	37.3	B2-12	-	-	44.8	0	0	54.9	64.3	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5121	11	40.0	B2-12	-	-	45.1	0	0	54.9	64.1	0	0		64.5	64.6	70	N	-	-	-	-	-	N
R5121	12	42.7	B2-12	-	-	45.3	0	0	54.9	63.9	0	0		64.4	64.5	70	N	-	-	-	-	-	N
R5121	13	45.4	B2-12	-	-	45.4	0	0	54.9	63.7	0	0		64.2	64.3	70	N	-	-	-	-	-	N
R5121	14	48.1	B2-12	-	-	45.5	0	0	54.9	63.6	0	0		64.1	64.2	70	N	-	-	-	-	-	N
R5121	15	50.8	B2-12	-	-	45.5	0	0	54.9	63.4	0	0		64	64.1	70	N	-	-	-	-	-	N
R5121	16	53.5	B2-12	-	-	45.6	0	0	54.8	63.2	0	0		63.8	63.9	70	N	-	-	-	-	-	N
R5121	17	56.2	B2-12	-	-	45.6	0	0	54.8	63.1	0	0		63.7	63.8	70	N	-	-	-	-	-	N
R5121	18	58.9	B2-12	-	-	45.7	0	0	54.8	63	0	0		63.6	63.7	70	N	-	-	-	-	-	N
R5121	19	61.6	B2-12	-	-	45.7	0	0	54.8	62.8	0	0		63.5	63.6	70	N	-	-	-	-	-	N
R5121	20	64.3	B2-12	-	-	45.7	0	0	54.8	62.7	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5121	21	67.0	B2-12	-	-	45.6	0	0	54.8	62.6	0	0		63.3	63.3	70	N	-	-	-	-	-	N
R5121	22	69.7	B2-12	-	-	45.6	0	0	54.8	62.4	0	0		63.1	63.2	70	N	-	-	-	-	-	N
R5121	23	72.4	B2-12	-	-	45.6	0	0	54.8	62.3	0	0		63	63.1	70	N	-	-	-	-	-	N
R5121	24	75.1	B2-12	-	-	45.6	0	0	54.8	62.2	0	0		62.9	63	70	N	-	-	-	-	-	N
R5121	25	77.8	B2-12	-	-	45.6	0	0	54.8	62	0	0		62.8	62.9	70	N	-	-	-	-	-	N
R5121	26	80.5	B2-12	-	-	45.6	0	0	54.8	61.9	0	0		62.7	62.8	70	N	-	-	-	-	-	N
R5121	27	83.2	B2-12	-	-	45.6	0	0	54.8	61.8	0	0		62.6	62.7	70	N	-	-	-	-	-	N
R5121	28	85.9	B2-12	-	-	45.5	0	0	54.8	61.7	0	0		62.5	62.6	70	N	-	-	-	-	-	N
R5121	29	88.6	B2-12	-	-	45.5	0	0	54.8	61.5	0	0		62.4	62.5	70	N	-	-	-	-	-	N
R5121	30	91.3	B2-12	-	-	45.6	0	0	54.8	61.4	0	0		62.3	62.4	70	N	-	-	-	-	-	N
R5121	31	94.0	B2-12	-	-	45.6	0	0	54.9	61.3	0	0		62.2	62.3	70	N	-	-	-	-	-	N
R5121	32	96.7	B2-12	-	-	45.7	0	0	54.9	61.2	0	0		62.1	62.2	70	N	-	-	-	-	-	N
R5121	33	99.4	B2-12	-	-	45.7	0	0	54.9	61.1	0	0		62	62.1	70	N	-	-	-	-	-	N
R5121	34	102.1	B2-12	-	-	45.8	0	0	55	61	0	0		62	62.1	70	N	-	-	-	-	-	N
R5121	35	104.8	B2-12	-	-	45.9	0	0	55.2	60.9	0	0		61.9	62.1	70	N	-	-	-	-	-	N
R5122	1	13.0	B2-12	-	-	25.3	0	0	8.5	55.3	0	0		55.3	55.3	70	N	-	-	-	-	-	N
R5122	2	15.7	B2-12	-	-	27.9	0	0	8.5	55.3	0	0		55.3	55.3	70	N	-	-	-	-	-	N
R5122	3	18.4	B2-12	-	-	31.9	0	0	8.5	55.3	0	0		55.3	55.3	70	N	-	-	-	-	-	N
R5122	4	21.1	B2-12	-	-	38	0	0	8.4	55.4	0	0		55.4	55.5	70	N	-	-	-	-	-	N
R5122	5	23.8	B2-12	-	-	42.7	0	0	8.4	55.7	0	0		55.7	55.9	70	N	-	-	-	-	-	N
R5122	6	26.5	B2-12	-	-	45.7	0	0	8.4	56.2	0	0		56.2	56.6	70	N	-	-	-	-	-	N
R5122	7	29.2	B2-12	-	-	46.5	0	0	8.4	57.3	0	0		57.3	57.6	70	N	-	-	-	-	-	N
R5122	8	31.9	B2-12	-	-	47	0	0	8.4	58.3	0	0		58.3	58.6	70	N	-	-	-	-	-	N
R5122	9	34.6	B2-12	-	-	47.3	0	0	8.4	59.1	0	0		59.1	59.4	70	N	-	-	-	-	-	N
R5122	10	37.3	B2-12	-	-	47.6	0	0	8.4	59.9	0	0		59.9	60.1	70	N	-	-	-	-	-	N
R5122	11	40.0	B2-12	-	-	47.7	0	0	8.4	60.6	0	0		60.6	60.8	70	N	-	-	-	-	-	N
R5122	12	42.7	B2-12	-	-	47.9	0	0	8.4	61.4	0	0		61.4	61.6	70	N	-	-	-	-	-	N
R5122	13	45.4	B2-12	-	-	48.1	0	0	8.4	61.9	0	0		61.9	62.1	70	N	-	-	-	-	-	N
R5122	14	48.1	B2-12	-	-	48.1	0	0	8.4	62.3	0	0		62.3	62.4	70	N	-	-	-	-	-	N
R5122	15	50.8	B2-12	-	-	48.3	0	0	8	62.4	0	0		62.4	62.6	70	N	-	-	-	-	-	N
R5122	16	53.5	B2-12	-	-	48.3	0	0	8.3	62.5	0	0		62.5	62.6	70	N	-	-	-	-	-	N
R5122	17	56.2	B2-12	-	-	48.4	0	0	8.4	62.5	0	0		62.5	62.7	70	N	-	-	-	-	-	N
R5122	18	58.9	B2-12	-	-	48.4	0	0	8.4	62.5	0	0		62.5	62.6	70	N	-	-	-	-	-	N
R5122	19	61.6	B2-12	-	-	48.4	0	0	8.5	62.4	0	0		62.4	62.6	70	N	-	-	-	-	-	N
R5122	20	64.3	B2-12	-	-	48.4	0	0	8.6	62.3	0	0		62.3	62.5	70	N	-	-	-	-	-	N
R5122	21	67.0	B2-12	-	-	48.4	0	0	8.5	62.2	0	0		62.2	62.4	70	N	-	-	-	-	-	N
R5122	22	69.7	B2-12	-	-	48.3	0	0	8.5	62.1	0	0		62.1	62.3	70	N	-	-	-	-	-	N
R5122	23	72.4	B2-12	-	-	48.4	0	0	8.6	62.1	0	0		62.1	62.2	70	N	-	-	-	-	-	N
R5122	24	75.1	B2-12	-	-	48.4	0	0	8.6	61.9	0	0		61.9	62.1	70	N	-	-	-	-	-	N
R5122	25	77.8	B2-12	-	-	48.3	0	0	8.7	61.8	0	0		61.8	62	70	N	-	-	-	-	-	N
R5122	26	80.5	B2-12	-	-	48.3	0	0	8.6	61.7	0	0		61.7	61.9	70	N	-	-	-	-	-	N
R5122	27	83.2	B2-12	-	-	48.3	0	0	8.6	61.6	0	0		61.6	61.8	70	N	-	-	-	-	-	N
R5122	28	85.9	B2-12	-	-	48.2	0	0	8.6	61.5	0	0		61.5	61.7	70	N	-	-	-	-	-	N
R5122	29	88.6	B2-12	-	-	48.2	0	0	8.6	61.4	0	0		61.4	61.6	70	N	-	-	-	-	-	N
R5122	30	91.3	B2-12	-	-	48.2	0	0	8.4	61.3	0	0		61.3	61.5	70	N	-	-	-	-	-	N
R5122	31	94.0	B2-12	-	-	48.1	0	0	9.2	61.2	0	0		61.2	61.4	70	N	-	-	-	-	-	N
R5122	32	96.7	B2-12	-	-	48.1	0	0	10.1	61.1	0	0		61.1	61.3	70	N	-	-	-	-	-	N
R5122	33	99.4	B2-12	-	-	48.1	0	0	11.2	61	0	0		61	61.2	70	N	-	-	-	-	-	N
R5122	34	102.1	B2-12	-	-	48	0	0	12.2	60.9	0	0		60.9	61.2	70	N	-	-	-	-	-	N
R5122	35	104.8	B2-12	-	-	48	0	0	13.3	60.8	0	0		60.8	61.1	70	N	-	-	-	-	-	N
R5123	1	13.0	B2-12	-	-	30.7	0	23	7.2	44.2	0	0		44.2	44.4	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5123	2	15.7	B2-12	-	-	33.5	0	25.8	7.1	44.6	0	0	44.7	45	70	N	-	-	-	-	-	N
R5123	3	18.4	B2-12	-	-	37.2	0	29.7	7.1	45.3	0	0	45.4	46	70	N	-	-	-	-	-	N
R5123	4	21.1	B2-12	-	-	42.1	0	34.1	7.1	46.1	0	0	46.4	47.8	70	N	-	-	-	-	-	N
R5123	5	23.8	B2-12	-	-	47.3	0	35.5	7.1	47.4	0	0	47.7	50.5	70	N	-	-	-	-	-	N
R5123	6	26.5	B2-12	-	-	48.6	0	36.7	7.1	49.2	0	0	49.5	52.1	70	N	-	-	-	-	-	N
R5123	7	29.2	B2-12	-	-	49	0	38.3	7.1	51.8	0	0	52	53.7	70	N	-	-	-	-	-	N
R5123	8	31.9	B2-12	-	-	49.4	0	39.5	7.1	54.6	0	0	54.7	55.9	70	N	-	-	-	-	-	N
R5123	9	34.6	B2-12	-	-	49.8	0	41.3	7.1	56	0	0	56.2	57.1	70	N	-	-	-	-	-	N
R5123	10	37.3	B2-12	-	-	50.3	0	42.7	7.1	56.6	0	0	56.8	57.7	70	N	-	-	-	-	-	N
R5123	11	40.0	B2-12	-	-	50.8	0	43.6	7.1	57	0	0	57.2	58.1	70	N	-	-	-	-	-	N
R5123	12	42.7	B2-12	-	-	51.2	0	44.3	7.1	57.3	0	0	57.5	58.4	70	N	-	-	-	-	-	N
R5123	13	45.4	B2-12	-	-	51.5	0	44.7	7.1	57.7	0	0	57.9	58.8	70	N	-	-	-	-	-	N
R5123	14	48.1	B2-12	-	-	51.8	0	45	7.1	58.1	0	0	58.3	59.2	70	N	-	-	-	-	-	N
R5123	15	50.8	B2-12	-	-	52	0	45.2	6.8	58.6	0	0	58.8	59.6	70	N	-	-	-	-	-	N
R5123	16	53.5	B2-12	-	-	52.1	0	45.4	7.1	59	0	0	59.2	60	70	N	-	-	-	-	-	N
R5123	17	56.2	B2-12	-	-	52.3	0	45.4	7	59.4	0	0	59.6	60.3	70	N	-	-	-	-	-	N
R5123	18	58.9	B2-12	-	-	52.5	0	45.5	7.1	59.8	0	0	59.9	60.6	70	N	-	-	-	-	-	N
R5123	19	61.6	B2-12	-	-	52.6	0	45.5	7.1	60	0	0	60.1	60.8	70	N	-	-	-	-	-	N
R5123	20	64.3	B2-12	-	-	52.8	0	45.7	7.2	60.1	0	0	60.2	61	70	N	-	-	-	-	-	N
R5123	21	67.0	B2-12	-	-	52.9	0	45.8	7.2	60.2	0	0	60.4	61.1	70	N	-	-	-	-	-	N
R5123	22	69.7	B2-12	-	-	53	0	45.9	7.2	60.3	0	0	60.5	61.2	70	N	-	-	-	-	-	N
R5123	23	72.4	B2-12	-	-	53.1	0	46	7.3	60.3	0	0	60.5	61.2	70	N	-	-	-	-	-	N
R5123	24	75.1	B2-12	-	-	53.1	0	46.1	7.3	60.3	0	0	60.5	61.2	70	N	-	-	-	-	-	N
R5123	25	77.8	B2-12	-	-	53.2	0	46.3	7.2	60.3	0	0	60.4	61.2	70	N	-	-	-	-	-	N
R5123	26	80.5	B2-12	-	-	53.3	0	46.5	7.2	60.2	0	0	60.4	61.2	70	N	-	-	-	-	-	N
R5123	27	83.2	B2-12	-	-	53.3	0	46.6	7.3	60.1	0	0	60.3	61.1	70	N	-	-	-	-	-	N
R5123	28	85.9	B2-12	-	-	53.3	0	46.7	7.3	60.1	0	0	60.3	61.1	70	N	-	-	-	-	-	N
R5123	29	88.6	B2-12	-	-	53.4	0	46.8	7	60	0	0	60.2	61	70	N	-	-	-	-	-	N
R5123	30	91.3	B2-12	-	-	53.4	0	46.9	7.3	59.9	0	0	60.1	60.9	70	N	-	-	-	-	-	N
R5123	31	94.0	B2-12	-	-	53.4	0	47	6.9	59.8	0	0	60	60.9	70	N	-	-	-	-	-	N
R5123	32	96.7	B2-12	-	-	53.4	0	47	7.6	59.8	0	0	60	60.8	70	N	-	-	-	-	-	N
R5123	33	99.4	B2-12	-	-	53.4	0	47	8.3	59.7	0	0	59.9	60.8	70	N	-	-	-	-	-	N
R5123	34	102.1	B2-12	-	-	53.4	0	47	8.9	59.6	0	0	59.8	60.7	70	N	-	-	-	-	-	N
R5123	35	104.8	B2-12	-	-	53.3	0	47.1	9.7	59.5	0	0	59.7	60.6	70	N	-	-	-	-	-	N
R5141	1	13.0	B3-2	-	-	39.6	0	0	56.2	67.2	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5141	2	15.7	B3-2	-	-	39.6	0	0	56.2	67.1	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5141	3	18.4	B3-2	-	-	39.6	0	0	56.2	66.9	0	0	67.2	67.3	70	N	-	-	-	-	-	N
R5141	4	21.1	B3-2	-	-	39.6	0	0	56.2	66.7	0	0	67	67.1	70	N	-	-	-	-	-	N
R5141	5	23.8	B3-2	-	-	39.6	0	0	56.2	66.4	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5141	6	26.5	B3-2	-	-	39.6	0	0	56.2	66.2	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5141	7	29.2	B3-2	-	-	39.5	0	0	56.1	65.9	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5141	8	31.9	B3-2	-	-	39.5	0	0	56.1	65.7	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5141	9	34.6	B3-2	-	-	39.5	0	0	56.1	65.5	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5141	10	37.3	B3-2	-	-	39.5	0	0	56.1	65.2	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5141	11	40.0	B3-2	-	-	39.5	0	0	56.1	64.9	0	0	65.5	65.5	70	N	-	-	-	-	-	N
R5141	12	42.7	B3-2	-	-	39.4	0	0	56.1	64.6	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5141	13	45.4	B3-2	-	-	39.4	0	0	56.1	64.4	0	0	65	65	70	N	-	-	-	-	-	N
R5141	14	48.1	B3-2	-	-	39.4	0	0	56.1	64.2	0	0	64.8	64.8	70	N	-	-	-	-	-	N
R5141	15	50.8	B3-2	-	-	39.4	0	0	56.1	64	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5141	16	53.5	B3-2	-	-	39.3	0	0	56.1	63.7	0	0	64.4	64.4	70	N	-	-	-	-	-	N
R5141	17	56.2	B3-2	-	-	39.3	0	0	56.1	63.6	0	0	64.3	64.3	70	N	-	-	-	-	-	N
R5141	18	58.9	B3-2	-	-	39.3	0	0	56.1	63.4	0	0	64.1	64.1	70	N	-	-	-	-	-	N
R5141	19	61.6	B3-2	-	-	39.3	0	0	56.1	63.2	0	0	64	64	70	N	-	-	-	-	-	N
R5141	20	64.3	B3-2	-	-	39.3	0	0	56.1	63	0	0	63.8	63.8	70	N	-	-	-	-	-	N
R5141	21	67.0	B3-2	-	-	39.3	0	0	56.1	62.8	0	0	63.7	63.7	70	N	-	-	-	-	-	N
R5141	22	69.7	B3-2	-	-	39.3	0	0	56.1	62.6	0	0	63.5	63.5	70	N	-	-	-	-	-	N
R5141	23	72.4	B3-2	-	-	39.4	0	0	56.1	62.5	0	0	63.4	63.4	70	N	-	-	-	-	-	N
R5141	24	75.1	B3-2	-	-	39.4	0	0	56.1	62.4	0	0	63.3	63.3	70	N	-	-	-	-	-	N
R5141	25	77.8	B3-2	-	-	39.5	0	0	56.2	62.2	0	0	63.2	63.2	70	N	-	-	-	-	-	N
R5142	1	13.0	B3-2	-	-	41.5	0	0	61.8	61.4	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5142	2	15.7	B3-2	-	-	41.5	0	0	61.8	61.4	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5142	3	18.4	B3-2	-	-	41.5	0	0	61.8	61.4	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5142	4	21.1	B3-2	-	-	41.4	0	0	61.9	61.4	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5142	5	23.8	B3-2	-	-	41.4	0	0	61.9	61.3	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5142	6	26.5	B3-2	-	-	41.4	0	0	62	61.2	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5142	7	29.2	B3-2	-	-	41.3	0	0	62.1	61.2	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5142	8	31.9	B3-2	-	-	41.3	0	0	62.1	61.1	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5142	9	34.6	B3-2	-	-	41.3	0	0	62.2	61	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5142	10	37.3	B3-2	-	-	41.2	0	0	62.3	60.9	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5142	11	40.0	B3-2	-	-	41.1	0	0	62.3	60.9	0	0	64.6	64.7	70	N	-	-	-	-	-	N
R5142	12	42.7	B3-2	-	-	41.1	0	0	62.3	60.7	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5142	13	45.4	B3-2	-	-	41.1	0	0	62.3	60.6	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5142	14	48.1	B3-2	-	-	41	0	0	62.4	60.5	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5142	15	50.8	B3-2	-	-	40.9	0	0	62.4	60.4	0	0	64.5	64.6	70	N	-	-	-	-	-	N
R5142	16	53.5	B3-2	-	-	40.9	0	0	62.4	60.3	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R5142	17	56.2	B3-2	-	-	40.8	0	0	62.5	60.2	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R5142	18	58.9	B3-2	-	-	40.7	0	0	62.4	60.1	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R5142	19	61.6	B3-2	-	-	40.7	0	0	62.5	60	0	0	64.4	64.4	70	N	-	-	-	-	-	N
R5142	20	64.3	B3-2	-	-	40.6	0	0	62.4	59.9	0	0	64.4	64.4	70	N	-	-	-	-	-	N
R5142	21	67.0	B3-2	-	-	40.6	0	0	62.4	59.8	0	0	64.3	64.4	70	N	-	-	-	-	-	N
R5142	22	69.7	B3-2	-	-	40.5	0	0	62.5	59.7	0	0	64.3	64.3	70	N	-	-	-	-	-	N
R5142	23	72.4	B3-2	-	-	40.4	0	0	62.5	59.6	0	0	64.3	64.3	70	N	-	-	-	-	-	N
R5142	24	75.1	B3-2	-	-	40.4	0	0	62.5	59.5	0	0	64.3	64.3	70	N	-	-	-	-	-	N
R5142	25	77.8	B3-2	-	-	40.3	0	0	62.5	59.5	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5143	1	13.0	B3-2	-	-	39.9	0	0	63.2	58.5	0	0	64.4	64.5	70	N	-	-	-	-	-	N
R5143	2	15.7	B3-2	-	-	39.8	0	0	63.2	58.6	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R5143	3	18.4	B3-2	-	-	39.8	0	0	63.3	58.7	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5143	4	21.1	B3-2	-	-	39.8	0	0	63.3	58.7	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5143	5	23.8	B3-2	-	-	39.8	0	0	63.4	58.7	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5143	6	26.5	B3-2	-	-	39.8	0	0	63.6	58.7	0	0	64.8	64.8	70	N	-	-	-	-	-	N
R5143	7	29.2	B3-2	-	-	39.8	0	0	63.7	58.7	0	0	64.9	64.9	70	N	-	-	-	-	-	N
R5143	8	31.9	B3-2	-	-	39.7	0	0	63.8	58.7	0	0	65	65	70	N	-	-	-	-	-	N
R5143	9	34.6	B3-2	-	-	39.7	0	0	63.9	58.7	0	0	65	65	70	N	-	-	-	-	-	N
R5143	10	37.3	B3-2	-	-	39.7	0	0	63.9	58.7	0	0	65.1	65.1	70	N	-	-	-	-	-	N
R5143	11	40.0	B3-2	-	-	39.6	0	0	64	58.7	0	0	65.1	65.1	70	N	-	-	-	-	-	N
R5143	12	42.7	B3-2	-	-	39.6	0	0	64	58.6	0	0	65.1	65.2	70	N	-	-	-	-	-	N
R5143	13	45.4	B3-2	-	-	39.5	0	0	64.1	58.6	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	14	48.1	B3-2	-	-	39.5	0	0	64.1	58.6	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	15	50.8	B3-2	-	-	39.4	0	0	64.2	58.6	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	16	53.5	B3-2	-	-	39.4	0	0	64.2	58.5	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	17	56.2	B3-2	-	-	39.3	0	0	64.2	58.5	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	18	58.9	B3-2	-	-	39.3	0	0	64.2	58.5	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	19	61.6	B3-2	-	-	39.2	0	0	64.2	58.4	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	20	64.3	B3-2	-	-	39.1	0	0	64.2	58.4	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	21	67.0	B3-2	-	-	39.1	0	0	64.2	58.4	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	22	69.7	B3-2	-	-	39	0	0	64.2	58.3	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5143	23	72.4	B3-2	-	-	38.9	0	0	64.2	58.3	0	0	65.1	65.2	70	N	-	-	-	-	-	N
R5143	24	75.1	B3-2	-	-	38.8	0	0	64.1	58.2	0	0	65.1	65.1	70	N	-	-	-	-	-	N
R5143	25	77.8	B3-2	-	-	38.8	0	0	64.1	58.2	0	0	65.1	65.1	70	N	-	-	-	-	-	N
R5161	1	12.9	B3-3	-	-	24.2	0	0	44.9	65.1	0	0	65.1	65.1	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT												Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR												
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5161	2	15.6	B3-3	-	-	24.2	0	0	45.6	65	0	0		65	65	70	N	-	-	-	-	-	N
R5161	3	18.3	B3-3	-	-	24.3	0	0	46.2	64.7	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5161	4	21.0	B3-3	-	-	24.3	0	0	46.9	64.5	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5161	5	23.7	B3-3	-	-	24.4	0	0	47.4	64.3	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5161	6	26.4	B3-3	-	-	24.5	0	0	47.5	64	0	0		64.1	64.1	70	N	-	-	-	-	-	N
R5161	7	29.1	B3-3	-	-	24.5	0	0	47.7	63.8	0	0		64	64	70	N	-	-	-	-	-	N
R5161	8	31.8	B3-3	-	-	24.6	0	0	48	63.6	0	0		63.7	63.7	70	N	-	-	-	-	-	N
R5161	9	34.5	B3-3	-	-	24.6	0	0	48.3	63.4	0	0		63.5	63.5	70	N	-	-	-	-	-	N
R5161	10	37.2	B3-3	-	-	24.6	0	0	48.6	63.1	0	0		63.3	63.3	70	N	-	-	-	-	-	N
R5161	11	39.9	B3-3	-	-	24.6	0	0	48.9	62.9	0	0		63.1	63.1	70	N	-	-	-	-	-	N
R5161	12	42.6	B3-3	-	-	24.7	0	0	49.1	62.7	0	0		62.9	62.9	70	N	-	-	-	-	-	N
R5161	13	45.3	B3-3	-	-	24.7	0	0	49.3	62.4	0	0		62.7	62.7	70	N	-	-	-	-	-	N
R5161	14	48.0	B3-3	-	-	24.7	0	0	49.6	62.3	0	0		62.5	62.5	70	N	-	-	-	-	-	N
R5161	15	50.7	B3-3	-	-	24.7	0	0	49.8	62	0	0		62.3	62.3	70	N	-	-	-	-	-	N
R5161	16	53.4	B3-3	-	-	24.8	0	0	49.9	61.8	0	0		62.1	62.1	70	N	-	-	-	-	-	N
R5161	17	56.1	B3-3	-	-	24.8	0	0	50.1	61.6	0	0		61.9	61.9	70	N	-	-	-	-	-	N
R5161	18	58.8	B3-3	-	-	24.9	0	0	50.2	61.4	0	0		61.8	61.8	70	N	-	-	-	-	-	N
R5161	19	61.5	B3-3	-	-	25.2	0	0	50.3	61.3	0	0		61.6	61.6	70	N	-	-	-	-	-	N
R5161	20	64.2	B3-3	-	-	25.5	0	0	50.4	61.1	0	0		61.5	61.5	70	N	-	-	-	-	-	N
R5161	21	66.9	B3-3	-	-	26	0	0	50.5	60.9	0	0		61.3	61.3	70	N	-	-	-	-	-	N
R5161	22	69.6	B3-3	-	-	26.7	0	0	50.6	60.8	0	0		61.2	61.2	70	N	-	-	-	-	-	N
R5161	23	72.3	B3-3	-	-	27.7	0	0	50.8	60.6	0	0		61	61	70	N	-	-	-	-	-	N
R5161	24	75.0	B3-3	-	-	28.8	0	0	50.9	60.5	0	0		61	61	70	N	-	-	-	-	-	N
R5161	25	77.7	B3-3	-	-	30.1	0	0	51	60.3	0	0		60.8	60.8	70	N	-	-	-	-	-	N
R5161	26	80.4	B3-3	-	-	31.7	0	0	51.2	60.2	0	0		60.7	60.7	70	N	-	-	-	-	-	N
R5161	27	83.1	B3-3	-	-	33.6	0	0	51.3	60.1	0	0		60.6	60.6	70	N	-	-	-	-	-	N
R5161	28	85.8	B3-3	-	-	35.7	0	0	51.5	59.9	0	0		60.5	60.5	70	N	-	-	-	-	-	N
R5161	29	88.5	B3-3	-	-	38.4	0	0	51.8	59.8	0	0		60.5	60.5	70	N	-	-	-	-	-	N
R5161	30	91.2	B3-3	-	-	42.1	0	0	52.1	59.7	0	0		60.4	60.5	70	N	-	-	-	-	-	N
R5161	31	93.9	B3-3	-	-	46.2	0	0	52.7	59.6	0	0		60.4	60.6	70	N	-	-	-	-	-	N
R5161	32	96.6	B3-3	-	-	48.7	0	0	53.5	59.5	0	0		60.5	60.8	70	N	-	-	-	-	-	N
R5161	33	99.3	B3-3	-	-	49.7	0	0	54.4	59.4	0	0		60.6	61	70	N	-	-	-	-	-	N
R5161	34	102.0	B3-3	-	-	50.2	0	0	55.5	59.3	0	0		60.8	61.2	70	N	-	-	-	-	-	N
R5161	35	104.7	B3-3	-	-	50.3	0	0	56.6	59.3	0	0		61.1	61.5	70	N	-	-	-	-	-	N
R5162	1	12.9	B3-3	-	-	31	0	0	0	55.7	0	0		55.7	55.7	70	N	-	-	-	-	-	N
R5162	2	15.6	B3-3	-	-	33.6	0	0	0	55.7	0	0		55.7	55.7	70	N	-	-	-	-	-	N
R5162	3	18.3	B3-3	-	-	37.3	0	0	0	55.7	0	0		55.7	55.7	70	N	-	-	-	-	-	N
R5162	4	21.0	B3-3	-	-	42.9	0	0	0	55.7	0	0		55.7	55.9	70	N	-	-	-	-	-	N
R5162	5	23.7	B3-3	-	-	46.9	0	0	0	55.9	0	0		55.9	56.4	70	N	-	-	-	-	-	N
R5162	6	26.4	B3-3	-	-	48.5	0	0	0	56.4	0	0		56.4	57.1	70	N	-	-	-	-	-	N
R5162	7	29.1	B3-3	-	-	49.8	0	0	0	57	0	0		57	57.8	70	N	-	-	-	-	-	N
R5162	8	31.8	B3-3	-	-	50.6	0	0	0	57.6	0	0		57.6	58.4	70	N	-	-	-	-	-	N
R5162	9	34.5	B3-3	-	-	51.2	0	0	0	58.2	0	0		58.2	59	70	N	-	-	-	-	-	N
R5162	10	37.2	B3-3	-	-	51.5	0	0	0	58.8	0	0		58.8	59.5	70	N	-	-	-	-	-	N
R5162	11	39.9	B3-3	-	-	51.7	0	0	0	59.2	0	0		59.2	59.9	70	N	-	-	-	-	-	N
R5162	12	42.6	B3-3	-	-	51.9	0	0	0	59.6	0	0		59.6	60.2	70	N	-	-	-	-	-	N
R5162	13	45.3	B3-3	-	-	52.1	0	0	0	59.9	0	0		59.9	60.6	70	N	-	-	-	-	-	N
R5162	14	48.0	B3-3	-	-	52.1	0	0	0	60.1	0	0		60.1	60.8	70	N	-	-	-	-	-	N
R5162	15	50.7	B3-3	-	-	52.2	0	0	0	60.3	0	0		60.3	60.9	70	N	-	-	-	-	-	N
R5162	16	53.4	B3-3	-	-	52.3	0	0	0	60.5	0	0		60.5	61.1	70	N	-	-	-	-	-	N
R5162	17	56.1	B3-3	-	-	52.4	0	0	0	60.7	0	0		60.7	61.3	70	N	-	-	-	-	-	N
R5162	18	58.8	B3-3	-	-	52.4	0	0	0	60.8	0	0		60.8	61.4	70	N	-	-	-	-	-	N
R5162	19	61.5	B3-3	-	-	52.4	0	0	0	60.9	0	0		60.9	61.5	70	N	-	-	-	-	-	N
R5162	20	64.2	B3-3	-	-	52.4	0	0	0	61	0	0		61	61.5	70	N	-	-	-	-	-	N
R5162	21	66.9	B3-3	-	-	52.4	0	0	0	61	0	0		61	61.5	70	N	-	-	-	-	-	N
R5162	22	69.6	B3-3	-	-	52.4	0	0	0	61	0	0		61	61.5	70	N	-	-	-	-	-	N
R5162	23	72.3	B3-3	-	-	52.4	0	0	0	61	0	0		61	61.5	70	N	-	-	-	-	-	N
R5162	24	75.0	B3-3	-	-	52.4	0	0	0	60.9	0	0		60.9	61.5	70	N	-	-	-	-	-	N
R5162	25	77.7	B3-3	-	-	52.4	0	0	0	60.9	0	0		60.9	61.5	70	N	-	-	-	-	-	N
R5162	26	80.4	B3-3	-	-	52.3	0	0	0	60.8	0	0		60.8	61.4	70	N	-	-	-	-	-	N
R5162	27	83.1	B3-3	-	-	52.4	0	0	0	60.7	0	0		60.7	61.3	70	N	-	-	-	-	-	N
R5162	28	85.8	B3-3	-	-	52.4	0	0	0	60.6	0	0		60.6	61.2	70	N	-	-	-	-	-	N
R5162	29	88.5	B3-3	-	-	52.5	0	0	0	60.6	0	0		60.6	61.2	70	N	-	-	-	-	-	N
R5162	30	91.2	B3-3	-	-	52.7	0	0	0	60.5	0	0		60.5	61.1	70	N	-	-	-	-	-	N
R5162	31	93.9	B3-3	-	-	53.1	0	0	0	60.4	0	0		60.4	61.2	70	N	-	-	-	-	-	N
R5162	32	96.6	B3-3	-	-	53.5	0	0	0	60.3	0	0		60.3	61.2	70	N	-	-	-	-	-	N
R5162	33	99.3	B3-3	-	-	53.6	0	0	0	60.3	0	0		60.3	61.1	70	N	-	-	-	-	-	N
R5162	34	102.0	B3-3	-	-	53.7	0	0	0	60.2	0	0		60.2	61.1	70	N	-	-	-	-	-	N
R5162	35	104.7	B3-3	-	-	53.6	0	0	0	60.1	0	0		60.1	61	70	N	-	-	-	-	-	N
R5163	1	12.9	B3-3	-	-	27.7	0	0	0	49.6	0	0		49.6	49.7	70	N	-	-	-	-	-	N
R5163	2	15.6	B3-3	-	-	30.5	0	0	0	49.8	0	0		49.8	49.8	70	N	-	-	-	-	-	N
R5163	3	18.3	B3-3	-	-	33.9	0	0	0	50.1	0	0		50.1	50.2	70	N	-	-	-	-	-	N
R5163	4	21.0	B3-3	-	-	37.9	0	0	0	50.5	0	0		50.5	50.7	70	N	-	-	-	-	-	N
R5163	5	23.7	B3-3	-	-	42.3	0	0	0	51.3	0	0		51.3	51.8	70	N	-	-	-	-	-	N
R5163	6	26.4	B3-3	-	-	44.2	0	0	0	52.9	0	0		52.9	53.5	70	N	-	-	-	-	-	N
R5163	7	29.1	B3-3	-	-	45.4	0	0	0	54.8	0	0		54.8	55.2	70	N	-	-	-	-	-	N
R5163	8	31.8	B3-3	-	-	46.3	0	0	0	55.9	0	0		55.9	56.3	70	N	-	-	-	-	-	N
R5163	9	34.5	B3-3	-	-	46.8	0	0	0	57.1	0	0		57.1	57.5	70	N	-	-	-	-	-	N
R5163	10	37.2	B3-3	-	-	47.1	0	0	0	58.3	0	0		58.3	58.7	70	N	-	-	-	-	-	N
R5163	11	39.9	B3-3	-	-	47.4	0	0	0	59.3	0	0		59.3	59.6	70	N	-	-	-	-	-	N
R5163	12	42.6	B3-3	-	-	47.5	0	0	0	60.2	0	0		60.2	60.5	70	N	-	-	-	-	-	N
R5163	13	45.3	B3-3	-	-	47.7	0	0	0	61	0	0		61	61.2	70	N	-	-	-	-	-	N
R5163	14	48.0	B3-3	-	-	47.8	0	0	0	61.3	0	0		61.3	61.5	70	N	-	-	-	-	-	N
R5163	15	50.7	B3-3	-	-	47.8	0	0	0	61.5	0	0		61.5	61.6	70	N	-	-	-	-	-	N
R5163	16	53.4	B3-3	-	-	47.8	0	0	0	61.6	0	0		61.6	61.7	70	N	-	-	-	-	-	N
R5163	17	56.1	B3-3	-	-	47.9	0	0	0	61.6	0	0		61.6	61.8	70	N	-	-	-	-	-	N
R5163	18	58.8	B3-3	-	-	47.9	0	0	0	61.6	0	0		61.6	61.8	70	N	-	-	-	-	-	N
R5163	19	61.5	B3-3	-	-	47.9	0	0	0	61.5	0	0		61.5	61.7	70	N	-	-	-	-	-	N
R5163	20	64.2	B3-3	-	-	48	0	0	0	61.5	0	0		61.5	61.7	70	N	-	-	-	-	-	N
R5163	21	66.9	B3-3	-	-	48	0	0	0	61.5	0	0		61.5	61.7	70	N	-	-	-	-	-	N
R5163	22	69.6	B3-3	-	-	48	0	0	0	61.4	0	0		61.4	61.6	70	N	-	-	-	-	-	N
R5163	23	72.3	B3-3	-	-	47.9	0	0	0	61.3	0	0		61.3	61.5	70	N	-	-	-	-	-	N
R5163	24	75.0	B3-3	-	-	47.9	0	0	0	61.3	0	0		61.3	61.4	70	N	-	-	-	-	-	N
R5163	25	77.7	B3-3	-	-	47.9	0	0	0	61.2	0	0		61.2	61.4	70	N	-	-	-	-	-	N
R5163	26	80.4	B3-3	-	-	47.9	0	0	0	61.1	0	0		61.1	61.3	70	N	-	-	-	-	-	N
R5163	27	83.1	B3-3	-	-	47.9	0	0	0	61	0	0		61	61.2	70	N	-	-	-	-	-	N
R5163	28	85.8	B3-3	-	-	47.9	0	0	0	60.9	0	0		60.9	61.1	70	N	-	-	-	-	-	N
R5163	29	88.5	B3-3	-	-	47.9	0	0	0	60.8	0	0		60.8	61	70	N	-	-	-	-	-	N
R5163	30	91.2	B3-3	-	-	47.9	0	0	0	60.7	0	0		60.7	60.9	70	N	-	-	-	-	-	N
R5163	31	93.9	B3-3	-	-	47.9	0	0	0	60.6	0	0		60.6	60.9	70	N	-	-	-	-	-	N
R5163	32	96.6	B3-3	-	-	47.9	0	0	0	60.6	0	0		60.6	60.8	70	N	-	-	-	-	-	N
R5163	33	99.3	B3-3	-	-	47.8	0	0	0	60.5	0	0		60.5	60.7	70	N	-	-	-	-	-	N
R5163	34	102.0	B3-3	-	-	47.8	0	0	0	60.4	0	0		60.4	60.6	70	N	-	-	-	-	-	N
R5163	35	104.7	B3-3	-	-	47.8	0	0	0	60.3	0	0		60.3	60.5	70	N	-	-	-	-	-	N
R5164	1	12.9	B3-3	-	-	37.9	0	0	51.8	66.6	0	0		66.8	66.8	70	N	-	-	-	-	-	N
R5164	2	15.6	B3-3	-	-	38	0	0	51.8	66.5	0	0		66.6	66.6	70	N	-	-	-	-	-	N
R5164	3	18.3	B3-3	-	-	38.2	0	0	51.8	66.3	0	0		66.5	66.5	70	N	-	-	-	-	-	N
R5164	4	21.0	B3-3	-	-	38.7	0	0	51.8	66.1	0	0		66.2	66.2	70	N	-	-	-	-	-	N
R5164	5	23.7	B3-3	-	-	40.1	0	0	51.8	65.9	0	0		66.1	66.1	70	N	-	-	-	-	-	N
R5164	6	26.4	B3-3	-	-	42.6	0	0	51.8	65.7	0	0		65.9	65.9	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT												Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR												
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5164	7	29.1	B3-3	-	-	43.4	0	0	51.8	65.5	0	0		65.6	65.7	70	N	-	-	-	-	-	N
R5164	8	31.8	B3-3	-	-	43.6	0	0	51.8	65.2	0	0		65.4	65.5	70	N	-	-	-	-	-	N
R5164	9	34.5	B3-3	-	-	43.7	0	0	51.8	65	0	0		65.2	65.3	70	N	-	-	-	-	-	N
R5164	10	37.2	B3-3	-	-	43.8	0	0	51.8	64.8	0	0		65	65.1	70	N	-	-	-	-	-	N
R5164	11	39.9	B3-3	-	-	43.8	0	0	51.8	64.6	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5164	12	42.6	B3-3	-	-	43.9	0	0	51.8	64.4	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5164	13	45.3	B3-3	-	-	43.9	0	0	51.8	64.1	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5164	14	48.0	B3-3	-	-	44	0	0	51.8	64	0	0		64.2	64.3	70	N	-	-	-	-	-	N
R5164	15	50.7	B3-3	-	-	44	0	0	51.7	63.8	0	0		64.1	64.1	70	N	-	-	-	-	-	N
R5164	16	53.4	B3-3	-	-	44	0	0	51.7	63.7	0	0		64	64	70	N	-	-	-	-	-	N
R5164	17	56.1	B3-3	-	-	44.1	0	0	51.7	63.6	0	0		63.8	63.9	70	N	-	-	-	-	-	N
R5164	18	58.8	B3-3	-	-	44.1	0	0	51.7	63.4	0	0		63.7	63.7	70	N	-	-	-	-	-	N
R5164	19	61.5	B3-3	-	-	44	0	0	51.7	63.3	0	0		63.6	63.6	70	N	-	-	-	-	-	N
R5164	20	64.2	B3-3	-	-	44.1	0	0	51.7	63.1	0	0		63.4	63.5	70	N	-	-	-	-	-	N
R5164	21	66.9	B3-3	-	-	44.1	0	0	51.7	63	0	0		63.3	63.4	70	N	-	-	-	-	-	N
R5164	22	69.6	B3-3	-	-	44.1	0	0	51.7	62.9	0	0		63.2	63.3	70	N	-	-	-	-	-	N
R5164	23	72.3	B3-3	-	-	44.1	0	0	51.7	62.7	0	0		63.1	63.1	70	N	-	-	-	-	-	N
R5164	24	75.0	B3-3	-	-	44.1	0	0	51.7	62.6	0	0		63	63	70	N	-	-	-	-	-	N
R5164	25	77.7	B3-3	-	-	44.1	0	0	51.7	62.5	0	0		62.8	62.9	70	N	-	-	-	-	-	N
R5164	26	80.4	B3-3	-	-	44.1	0	0	51.7	62.3	0	0		62.7	62.8	70	N	-	-	-	-	-	N
R5164	27	83.1	B3-3	-	-	44	0	0	51.7	62.2	0	0		62.6	62.6	70	N	-	-	-	-	-	N
R5164	28	85.8	B3-3	-	-	44	0	0	51.7	62.1	0	0		62.5	62.6	70	N	-	-	-	-	-	N
R5164	29	88.5	B3-3	-	-	44	0	0	51.7	62	0	0		62.4	62.4	70	N	-	-	-	-	-	N
R5164	30	91.2	B3-3	-	-	44	0	0	51.8	61.9	0	0		62.3	62.3	70	N	-	-	-	-	-	N
R5164	31	93.9	B3-3	-	-	43.9	0	0	51.8	61.7	0	0		62.1	62.2	70	N	-	-	-	-	-	N
R5164	32	96.6	B3-3	-	-	43.9	0	0	51.9	61.6	0	0		62	62.1	70	N	-	-	-	-	-	N
R5164	33	99.3	B3-3	-	-	43.8	0	0	52.1	61.5	0	0		62	62.1	70	N	-	-	-	-	-	N
R5164	34	102.0	B3-3	-	-	43.8	0	0	52.4	61.4	0	0		61.9	62	70	N	-	-	-	-	-	N
R5164	35	104.7	B3-3	-	-	43.8	0	0	52.8	61.3	0	0		61.9	62	70	N	-	-	-	-	-	N
R5181	1	9.0	B3-4	-	-	45.1	0	0	0	64.5	0	0		64.5	64.6	65	N	-	-	-	-	-	N
R5181	2	11.7	B3-4	-	-	45.1	0	0	0	64.5	0	0		64.5	64.5	65	N	-	-	-	-	-	N
R5181	3	14.4	B3-4	-	-	45.2	0	0	0	64.4	0	0		64.4	64.5	65	N	-	-	-	-	-	N
R5181	4	17.1	B3-4	-	-	45.2	0	0	0	64.3	0	0		64.3	64.4	65	N	-	-	-	-	-	N
R5181	5	19.8	B3-4	-	-	45.3	0	0	0	64.2	0	0		64.2	64.2	65	N	-	-	-	-	-	N
R5181	6	22.5	B3-4	-	-	45.4	0	0	0	64.1	0	0		64.1	64.1	65	N	-	-	-	-	-	N
R5181	7	25.2	B3-4	-	-	45.5	0	0	0	63.9	0	0		63.9	64	65	N	-	-	-	-	-	N
R5181	8	27.9	B3-4	-	-	45.6	0	0	0	63.8	0	0		63.8	63.8	65	N	-	-	-	-	-	N
R5182	1	9.0	B3-4	-	-	15.5	0	0	15.9	66.2	0	0		66.2	66.2	65	Y	-	-	-	-	-	Y
R5182	2	11.7	B3-4	-	-	17.3	0	0	15.9	66.2	0	0		66.2	66.2	65	Y	-	-	-	-	-	Y
R5182	3	14.4	B3-4	-	-	19.3	0	0	16	66.1	0	0		66.1	66.1	65	Y	-	-	-	-	-	Y
R5182	4	17.1	B3-4	-	-	21.6	0	0	16	66	0	0		66	66	65	Y	-	-	-	-	-	Y
R5182	5	19.8	B3-4	-	-	24.3	0	0	16	65.9	0	0		65.9	65.9	65	Y	-	-	-	-	-	Y
R5182	6	22.5	B3-4	-	-	27.6	0	0	16	65.8	0	0		65.8	65.8	65	Y	-	-	-	-	-	Y
R5182	7	25.2	B3-4	-	-	31.8	0	0	16	65.7	0	0		65.7	65.7	65	Y	-	-	-	-	-	Y
R5182	8	27.9	B3-4	-	-	34.5	0	0	16	65.5	0	0		65.5	65.5	65	Y	-	-	-	-	-	Y
R5183	1	9.0	B3-4	-	-	4.9	0	0	16.2	62.7	0	0		62.7	62.7	65	N	-	-	-	-	-	N
R5183	2	11.7	B3-4	-	-	4.9	0	0	16.2	62.6	0	0		62.6	62.6	65	N	-	-	-	-	-	N
R5183	3	14.4	B3-4	-	-	4.9	0	0	16.2	62.6	0	0		62.6	62.6	65	N	-	-	-	-	-	N
R5183	4	17.1	B3-4	-	-	4.9	0	0	16.2	62.6	0	0		62.6	62.6	65	N	-	-	-	-	-	N
R5183	5	19.8	B3-4	-	-	4.9	0	0	16.2	62.6	0	0		62.6	62.6	65	N	-	-	-	-	-	N
R5183	6	22.5	B3-4	-	-	4.9	0	0	16.2	62.5	0	0		62.5	62.5	65	N	-	-	-	-	-	N
R5183	7	25.2	B3-4	-	-	4.9	0	0	16.2	62.4	0	0		62.4	62.4	65	N	-	-	-	-	-	N
R5183	8	27.9	B3-4	-	-	4.9	0	0	16.2	62.4	0	0		62.4	62.4	65	N	-	-	-	-	-	N
R5201	1	9.0	B3-5	-	-	41.6	0	0	0	60.6	0	0		60.6	60.7	65	N	-	-	-	-	-	N
R5201	2	11.7	B3-5	-	-	42.8	0	0	0	60.6	0	0		60.6	60.7	65	N	-	-	-	-	-	N
R5201	3	14.4	B3-5	-	-	44.2	0	0	0	60.6	0	0		60.6	60.7	65	N	-	-	-	-	-	N
R5201	4	17.1	B3-5	-	-	45.8	0	0	0	60.5	0	0		60.5	60.7	65	N	-	-	-	-	-	N
R5201	5	19.8	B3-5	-	-	47.8	0	0	0	60.5	0	0		60.5	60.7	65	N	-	-	-	-	-	N
R5201	6	22.5	B3-5	-	-	49.3	0	0	0	60.5	0	0		60.5	60.8	65	N	-	-	-	-	-	N
R5201	7	25.2	B3-5	-	-	51	0	0	0	60.4	0	0		60.4	60.9	65	N	-	-	-	-	-	N
R5201	8	27.9	B3-5	-	-	51.8	0	0	0	60.3	0	0		60.3	60.9	65	N	-	-	-	-	-	N
R5202	1	9.0	B3-5	-	-	42.9	0	0	17.8	60.9	0	0		61	61	65	N	-	-	-	-	-	N
R5202	2	11.7	B3-5	-	-	44.4	0	0	17.8	60.9	0	0		60.9	61	65	N	-	-	-	-	-	N
R5202	3	14.4	B3-5	-	-	46.3	0	0	17.8	60.9	0	0		60.9	61.1	65	N	-	-	-	-	-	N
R5202	4	17.1	B3-5	-	-	48.4	0	0	17.8	60.8	0	0		60.8	61.1	65	N	-	-	-	-	-	N
R5202	5	19.8	B3-5	-	-	50.4	0	0	17.8	60.8	0	0		60.8	61.2	65	N	-	-	-	-	-	N
R5202	6	22.5	B3-5	-	-	52	0	0	17.8	60.7	0	0		60.7	61.2	65	N	-	-	-	-	-	N
R5202	7	25.2	B3-5	-	-	53.3	0	0	17.9	60.6	0	0		60.6	61.3	65	N	-	-	-	-	-	N
R5202	8	27.9	B3-5	-	-	54.1	0	0	17.9	60.5	0	0		60.5	61.4	65	N	-	-	-	-	-	N
R5203	1	9.0	B3-5	-	-	14.2	0	0	16.4	61.2	0	0		61.2	61.2	65	N	-	-	-	-	-	N
R5203	2	11.7	B3-5	-	-	14.3	0	0	16.4	61.2	0	0		61.2	61.2	65	N	-	-	-	-	-	N
R5203	3	14.4	B3-5	-	-	14.4	0	0	16.4	61.2	0	0		61.2	61.2	65	N	-	-	-	-	-	N
R5203	4	17.1	B3-5	-	-	14.5	0	0	16.4	61.3	0	0		61.3	61.3	65	N	-	-	-	-	-	N
R5203	5	19.8	B3-5	-	-	14.6	0	0	16.4	61.3	0	0		61.3	61.3	65	N	-	-	-	-	-	N
R5203	6	22.5	B3-5	-	-	14.7	0	0	16.4	61.3	0	0		61.3	61.3	65	N	-	-	-	-	-	N
R5203	7	25.2	B3-5	-	-	14.8	0	0	16.4	61.2	0	0		61.2	61.2	65	N	-	-	-	-	-	N
R5203	8	27.9	B3-5	-	-	15	0	0	16.5	61.1	0	0		61.1	61.1	65	N	-	-	-	-	-	N
R5221	1	22.0	B3-6	-	-	56.8	0	17.1	0	63.8	0	0		63.8	64.6	70	N	-	-	-	-	-	N
R5221	2	25.0	B3-6	-	-	58.4	0	17	0	64	0	0		64	65	70	N	-	-	-	-	-	N
R5221	3	28.0	B3-6	-	-	59.3	0	17	0	63.9	0	0		63.9	65.2	70	N	-	-	-	-	-	N
R5221	4	31.0	B3-6	-	-	59.9	0	17	0	63.8	0	0		63.8	65.3	70	N	-	-	-	-	-	N
R5221	5	34.0	B3-6	-	-	60.3	0	17	0	63.6	0	0		63.6	65.3	70	N	-	-	-	-	-	N
R5221	6	37.0	B3-6	-	-	60.5	0	17	0	63.5	0	0		63.5	65.3	70	N	-	-	-	-	-	N
R5221	7	40.0	B3-6	-	-	60.6	0	16.9	0	63.4	0	0		63.4	65.2	70	N	-	-	-	-	-	N
R5221	8	43.0	B3-6	-	-	60.6	0	16.9	0	63.2	0	0		63.2	65.1	70	N	-	-	-	-	-	N
R5221	9	46.0	B3-6	-	-	60.7	0	16.9	0	63.1	0	0		63.1	65	70	N	-	-	-	-	-	N
R5221	10	49.0	B3-6	-	-	60.7	0	16.8	0	62.9	0	0		62.9	65	70	N	-	-	-	-	-	N
R5221	11	52.0	B3-6	-	-	60.7	0	16.8	0	62.7	0	0		62.7	64.8	70	N	-	-	-	-	-	N
R5221	12	55.0	B3-6	-	-	60.7	0	16.8	0	62.6	0	0		62.6	64.7	70	N	-	-	-	-	-	N
R5221	13	58.0	B3-6	-	-	60.7	0	16.8	0	62.4	0	0		62.4	64.7	70	N	-	-	-	-	-	N
R5221	14	61.0	B3-6	-	-	60.7	0	16.7	0	62.3	0	0		62.3	64.6	70	N	-	-	-	-	-	N
R5221	15	64.0	B3-6	-	-	60.6	0	16.7	0	62.1	0	0		62.1	64.5	70	N	-	-	-	-	-	N
R5221	16	67.0	B3-6	-	-	60.6	0	16.7	0	62	0	0		62	64.4	70	N	-	-	-	-	-	N
R5221	17	70.0	B3-6	-	-	60.6	0	16.6	0	61.9	0	0		61.9	64.3	70	N	-	-	-	-	-	N
R5221	18	73.0	B3-6	-	-	60.6	0	16.6	0	61.7	0	0		61.7	64.2	70	N	-	-	-	-	-	N
R5221	19	76.0	B3-6	-	-	60.6	0	16.6	0	61.6	0	0		61.6	64.1	70	N	-	-	-	-	-	N
R5221	20	79.0	B3-6	-	-	60.6	0	16.5	0	61.5	0	0		61.5	64.1	70	N	-	-	-	-	-	N
R5222	1	22.0	B3-6	-	-	55.1	0	0	0	64.2	0	0		64.2	64.7	70	N	-	-	-	-	-	N
R5222	2	25.0	B3-6	-	-	56.6	0	0	0	64.4	0	0		64.4	65.1	70	N	-	-	-	-	-	N
R5222	3	28.0	B3-6	-	-	57.6	0	0	0	64.4	0	0		64.4	65.2	70	N	-	-	-	-	-	N
R5222	4	31.0	B3-6	-	-	58.3	0	0	0	64.3	0	0		64.3	65.3	70	N	-	-	-	-	-	N
R5222	5	34.0	B3-6	-	-	58.7	0	0	0	64.2	0	0		64.2	65.3	70	N	-	-	-	-	-	N
R5222	6	37.0	B3-6	-	-	59	0	0	0	64.1	0	0		64.1	65.3	70	N	-	-	-	-	-	N
R5222	7	40.0	B3-6	-	-	59.2	0	0	0	64	0	0		64	65.2	70	N	-	-	-	-	-	N
R5222	8	43.0	B3-6	-	-	59.4	0	0	0	63.8	0	0		63.8	65.1	70	N	-	-	-	-	-	N
R5222	9	46.0	B3-6	-	-	59.5	0	0	0	63.6	0	0		63.6	65	70	N	-	-	-	-	-	N
R5222	10	49.0	B3-6	-	-	59.6	0	0	0	63.4	0	0		63.4	64.9	70	N	-	-	-	-	-	N
R5222	11	52.0	B3-6	-	-	59.8	0	0	0	63.2	0	0		63.2	64.8	70	N	-	-	-	-	-	N
R5222	12	55.0	B3-6	-	-	60	0	0	0	63.1	0	0		63.1	64.8	70	N	-	-	-	-	-	N
R5222	13	58.0	B3-6	-	-	60.1	0	0	0	62.9	0	0		62.9	64.8	70	N	-	-	-	-	-	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR						C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5222	14	61.0	B3-6	-	-	60.2	0	0	0	62.8	0	0		62.8	64.7	70	N	-	-	-	-	-	N
R5222	15	64.0	B3-6	-	-	60.2	0	0	0	62.6	0	0		62.6	64.6	70	N	-	-	-	-	-	N
R5222	16	67.0	B3-6	-	-	60.2	0	0	0	62.5	0	0		62.5	64.5	70	N	-	-	-	-	-	N
R5222	17	70.0	B3-6	-	-	60.2	0	0	0	62.3	0	0		62.3	64.4	70	N	-	-	-	-	-	N
R5222	18	73.0	B3-6	-	-	60.2	0	0	0	62.1	0	0		62.1	64.3	70	N	-	-	-	-	-	N
R5222	19	76.0	B3-6	-	-	60.1	0	0	0	62	0	0		62	64.2	70	N	-	-	-	-	-	N
R5222	20	79.0	B3-6	-	-	60.1	0	0	0	61.8	0	0		61.8	64.1	70	N	-	-	-	-	-	N
R5223	1	22.0	B3-6	-	-	30.4	0	0	45.8	63.3	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5223	2	25.0	B3-6	-	-	31.6	0	0	45.9	64.4	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5223	3	28.0	B3-6	-	-	32.8	0	0	45.9	64.4	0	0		64.5	64.5	70	N	-	-	-	-	-	N
R5223	4	31.0	B3-6	-	-	34	0	0	45.9	64.3	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5223	5	34.0	B3-6	-	-	35.3	0	0	45.9	64.2	0	0		64.3	64.3	70	N	-	-	-	-	-	N
R5223	6	37.0	B3-6	-	-	36.7	0	0	45.9	64.1	0	0		64.1	64.2	70	N	-	-	-	-	-	N
R5223	7	40.0	B3-6	-	-	38.2	0	0	45.9	63.9	0	0		64	64	70	N	-	-	-	-	-	N
R5223	8	43.0	B3-6	-	-	39.9	0	0	45.9	63.8	0	0		63.9	63.9	70	N	-	-	-	-	-	N
R5223	9	46.0	B3-6	-	-	41.8	0	0	45.9	63.6	0	0		63.7	63.7	70	N	-	-	-	-	-	N
R5223	10	49.0	B3-6	-	-	44.2	0	0	45.9	63.5	0	0		63.5	63.6	70	N	-	-	-	-	-	N
R5223	11	52.0	B3-6	-	-	47.4	0	0	45.9	63.3	0	0		63.4	63.5	70	N	-	-	-	-	-	N
R5223	12	55.0	B3-6	-	-	50.3	0	0	45.9	63.1	0	0		63.2	63.4	70	N	-	-	-	-	-	N
R5223	13	58.0	B3-6	-	-	51.9	0	0	45.9	62.9	0	0		63	63.3	70	N	-	-	-	-	-	N
R5223	14	61.0	B3-6	-	-	52.6	0	0	45.9	62.7	0	0		62.8	63.2	70	N	-	-	-	-	-	N
R5223	15	64.0	B3-6	-	-	53	0	0	45.9	62.5	0	0		62.6	63.1	70	N	-	-	-	-	-	N
R5223	16	67.0	B3-6	-	-	53.1	0	0	45.9	62.4	0	0		62.5	62.9	70	N	-	-	-	-	-	N
R5223	17	70.0	B3-6	-	-	53.1	0	0	45.9	62.2	0	0		62.3	62.8	70	N	-	-	-	-	-	N
R5223	18	73.0	B3-6	-	-	53.1	0	0	45.8	62.1	0	0		62.2	62.7	70	N	-	-	-	-	-	N
R5223	19	76.0	B3-6	-	-	53.1	0	0	45.9	61.9	0	0		62	62.5	70	N	-	-	-	-	-	N
R5223	20	79.0	B3-6	-	-	53.1	0	0	45.9	61.7	0	0		61.9	62.4	70	N	-	-	-	-	-	N
R5231	1	13.0	B3-7	-	-	38.2	0	0	62.7	55.9	0	0		63.5	63.5	70	N	-	-	-	-	-	N
R5231	2	16.0	B3-7	-	-	38.1	0	0	62.9	55.9	0	0		63.7	63.7	70	N	-	-	-	-	-	N
R5231	3	19.0	B3-7	-	-	38.1	0	0	63	55.9	0	0		63.7	63.8	70	N	-	-	-	-	-	N
R5231	4	22.0	B3-7	-	-	38	0	0	63.1	55.9	0	0		63.9	63.9	70	N	-	-	-	-	-	N
R5231	5	25.0	B3-7	-	-	38	0	0	63.3	56	0	0		64	64	70	N	-	-	-	-	-	N
R5231	6	28.0	B3-7	-	-	37.9	0	0	63.5	56	0	0		64.2	64.2	70	N	-	-	-	-	-	N
R5231	7	31.0	B3-7	-	-	37.9	0	0	63.7	56	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5231	8	34.0	B3-7	-	-	37.8	0	0	63.8	56	0	0		64.5	64.5	70	N	-	-	-	-	-	N
R5231	9	37.0	B3-7	-	-	37.7	0	0	63.9	56	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5231	10	40.0	B3-7	-	-	37.7	0	0	64.1	56	0	0		64.7	64.7	70	N	-	-	-	-	-	N
R5231	11	43.0	B3-7	-	-	37.6	0	0	64.2	56	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5231	12	46.0	B3-7	-	-	37.5	0	0	64.2	56	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5231	13	49.0	B3-7	-	-	37.4	0	0	64.3	56	0	0		64.9	64.9	70	N	-	-	-	-	-	N
R5231	14	52.0	B3-7	-	-	37.3	0	0	64.3	56	0	0		64.9	64.9	70	N	-	-	-	-	-	N
R5231	15	55.0	B3-7	-	-	37.2	0	0	64.3	56	0	0		64.9	64.9	70	N	-	-	-	-	-	N
R5231	16	58.0	B3-7	-	-	37.1	0	0	64.4	56	0	0		65	65	70	N	-	-	-	-	-	N
R5231	17	61.0	B3-7	-	-	37.1	0	0	64.4	55.9	0	0		65	65	70	N	-	-	-	-	-	N
R5231	18	64.0	B3-7	-	-	36.9	0	0	64.4	56	0	0		64.9	65	70	N	-	-	-	-	-	N
R5231	19	67.0	B3-7	-	-	36.9	0	0	64.4	55.9	0	0		65	65	70	N	-	-	-	-	-	N
R5231	20	70.0	B3-7	-	-	36.8	0	0	64.4	55.9	0	0		64.9	64.9	70	N	-	-	-	-	-	N
R5232	1	13.0	B3-7	-	-	32.1	0	0	62.4	54.1	0	0		63	63	70	N	-	-	-	-	-	N
R5232	2	16.0	B3-7	-	-	32.1	0	0	62.6	54.1	0	0		63.2	63.2	70	N	-	-	-	-	-	N
R5232	3	19.0	B3-7	-	-	32.1	0	0	62.7	54.1	0	0		63.3	63.3	70	N	-	-	-	-	-	N
R5232	4	22.0	B3-7	-	-	32.1	0	0	62.9	54.1	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5232	5	25.0	B3-7	-	-	32.1	0	0	63.1	54.1	0	0		63.6	63.6	70	N	-	-	-	-	-	N
R5232	6	28.0	B3-7	-	-	32.1	0	0	63.3	54.1	0	0		63.8	63.8	70	N	-	-	-	-	-	N
R5232	7	31.0	B3-7	-	-	32.1	0	0	63.6	54.2	0	0		64	64	70	N	-	-	-	-	-	N
R5232	8	34.0	B3-7	-	-	32.1	0	0	63.8	54.2	0	0		64.2	64.2	70	N	-	-	-	-	-	N
R5232	9	37.0	B3-7	-	-	32.1	0	0	63.9	54.1	0	0		64.4	64.4	70	N	-	-	-	-	-	N
R5232	10	40.0	B3-7	-	-	32.1	0	0	64.1	54.1	0	0		64.5	64.5	70	N	-	-	-	-	-	N
R5232	11	43.0	B3-7	-	-	32.1	0	0	64.1	54.1	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5232	12	46.0	B3-7	-	-	32.1	0	0	64.2	54.1	0	0		64.6	64.6	70	N	-	-	-	-	-	N
R5232	13	49.0	B3-7	-	-	32	0	0	64.3	54.2	0	0		64.7	64.7	70	N	-	-	-	-	-	N
R5232	14	52.0	B3-7	-	-	32	0	0	64.4	54.1	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	15	55.0	B3-7	-	-	32	0	0	64.4	54.1	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	16	58.0	B3-7	-	-	32	0	0	64.4	54.2	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	17	61.0	B3-7	-	-	32.1	0	0	64.4	54.2	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	18	64.0	B3-7	-	-	32.1	0	0	64.4	54.2	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	19	67.0	B3-7	-	-	32.2	0	0	64.4	54.2	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5232	20	70.0	B3-7	-	-	32.3	0	0	64.4	54.2	0	0		64.8	64.8	70	N	-	-	-	-	-	N
R5233	1	13.0	B3-7	-	-	29.3	0	0	15.4	60.1	0	0		60.1	60.1	70	N	-	-	-	-	-	N
R5233	2	16.0	B3-7	-	-	30.3	0	0	15.4	60	0	0		60	60	70	N	-	-	-	-	-	N
R5233	3	19.0	B3-7	-	-	31.5	0	0	15.4	59.9	0	0		59.9	59.9	70	N	-	-	-	-	-	N
R5233	4	22.0	B3-7	-	-	33	0	0	15.3	59.7	0	0		59.7	59.7	70	N	-	-	-	-	-	N
R5233	5	25.0	B3-7	-	-	35.4	0	0	15.5	59.5	0	0		59.5	59.5	70	N	-	-	-	-	-	N
R5233	6	28.0	B3-7	-	-	37.1	0	0	15.5	59.4	0	0		59.4	59.4	70	N	-	-	-	-	-	N
R5233	7	31.0	B3-7	-	-	38.7	0	0	15.4	59.2	0	0		59.2	59.2	70	N	-	-	-	-	-	N
R5233	8	34.0	B3-7	-	-	39.6	0	0	15.6	59	0	0		59	59	70	N	-	-	-	-	-	N
R5233	9	37.0	B3-7	-	-	40.3	0	0	15.6	58.7	0	0		58.7	58.8	70	N	-	-	-	-	-	N
R5233	10	40.0	B3-7	-	-	40.7	0	0	15.6	58.5	0	0		58.5	58.6	70	N	-	-	-	-	-	N
R5233	11	43.0	B3-7	-	-	41.1	0	0	15.6	58.3	0	0		58.3	58.4	70	N	-	-	-	-	-	N
R5233	12	46.0	B3-7	-	-	41.4	0	0	15.5	58.1	0	0		58.1	58.2	70	N	-	-	-	-	-	N
R5233	13	49.0	B3-7	-	-	41.8	0	0	15.6	57.9	0	0		57.9	58	70	N	-	-	-	-	-	N
R5233	14	52.0	B3-7	-	-	42.3	0	0	15.5	57.7	0	0		57.7	57.8	70	N	-	-	-	-	-	N
R5233	15	55.0	B3-7	-	-	42.9	0	0	16.1	57.5	0	0		57.5	57.7	70	N	-	-	-	-	-	N
R5233	16	58.0	B3-7	-	-	43.9	0	0	17.2	57.3	0	0		57.3	57.5	70	N	-	-	-	-	-	N
R5233	17	61.0	B3-7	-	-	45	0	0	18.5	57.2	0	0		57.2	57.5	70	N	-	-	-	-	-	N
R5233	18	64.0	B3-7	-	-	46.1	0	0	19.9	57.1	0	0		57.1	57.4	70	N	-	-	-	-	-	N
R5233	19	67.0	B3-7	-	-	47.6	0	0	21.4	56.9	0	0		56.9	57.4	70	N	-	-	-	-	-	N
R5233	20	70.0	B3-7	-	-	48.4	0	0	22.5	56.8	0	0		56.8	57.4	70	N	-	-	-	-	-	N
R5234	1	13.0	B3-7	-	-	25	0	0	15.7	61.6	0	0		61.6	61.6	70	N	-	-	-	-	-	N
R5234	2	16.0	B3-7	-	-	25.1	0	0	15.7	61.5	0	0		61.5	61.5	70	N	-	-	-	-	-	N
R5234	3	19.0	B3-7	-	-	25.1	0	0	15.7	61.4	0	0		61.4	61.4	70	N	-	-	-	-	-	N
R5234	4	22.0	B3-7	-	-	25.1	0	0	15.7	61.2	0	0		61.2	61.2	70	N	-	-	-	-	-	N
R5234	5	25.0	B3-7	-	-	25.1	0	0	15.5	61	0	0		61	61	70	N	-	-	-	-	-	N
R5234	6	28.0	B3-7	-	-	25.2	0	0	15.9	60.8	0	0		60.8	60.8	70	N	-	-	-	-	-	N
R5234	7	31.0	B3-7	-	-	25.1	0	0	15.9	60.6	0	0		60.6	60.6	70	N	-	-	-	-	-	N
R5234	8	34.0	B3-7	-	-	25.2	0	0	15.9	60.4	0	0		60.4	60.4	70	N	-	-	-	-	-	N
R5234	9	37.0	B3-7	-	-	25.2	0	0	16	60.1	0	0		60.1	60.1	70	N	-	-	-	-	-	N
R5234	10	40.0	B3-7	-	-	25.2	0	0	16	59.8	0	0		59.8	59.8	70	N	-	-	-	-	-	N
R5234	11	43.0	B3-7	-	-	25.2	0	0	16	59.6	0	0		59.6	59.6	70	N	-	-	-	-	-	N
R5234	12	46.0	B3-7	-	-	25.2	0	0	16	59.3	0	0		59.3	59.3	70	N	-	-	-	-	-	N
R5234	13	49.0	B3-7	-	-	25.2	0	0	15.9	59.1	0	0		59.1	59.1	70	N	-	-	-	-	-	N
R5234	14	52.0	B3-7	-	-	25.3	0	0	16	58.9	0	0		58.9	58.9	70	N	-	-	-	-	-	N
R5234	15	55.0	B3-7	-	-	25.4	0	0	16	58.7	0	0		58.7	58.7	70	N	-	-	-	-	-	N
R5234	16	58.0	B3-7	-	-	25.8	0	0	16.4	58.5	0	0		58.5	58.5	70	N	-	-	-	-	-	N
R5234	17	61.0	B3-7	-	-	26.2	0	0	17.6	58.3	0	0		58.4	58.4	70	N	-	-	-	-	-	N
R5234	18	64.0	B3-7	-	-	26.8	0	0	19.2	58.2	0	0		58.2	58.2	70	N	-	-	-	-	-	N
R5234	19	67.0	B3-7	-	-	27.7	0	0	20.9	58	0	0		58	58	70	N	-	-	-	-	-	N
R5234	20	70.0	B3-7	-	-	28.6	0	0	22.9	57.9	0	0		57.9	57.9	70	N	-	-	-	-	-	N
R5241	1	12.9	B3-9	-	-	0	0	0	63	51.3	0	0		63.3	63.3	70	N	-	-	-	-	-	N
R5241	2	15.9	B3-9	-	-	0	0	0	63.2	51.3	0	0		63.4	63.4	70	N	-	-	-	-	-	N
R5241	3	18.9	B3-9	-	-	0	0	0	63.2	51.3	0	0		63.5	63.5	70	N	-	-	-	-	-	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5241	4	21.9	B3-9	-	-	0	0	0	63.3	51.3	0	0	63.6	63.6	70	N	-	-	-	-	-	N
R5241	5	24.9	B3-9	-	-	0	0	0	63.5	51.3	0	0	63.8	63.8	70	N	-	-	-	-	-	N
R5241	6	27.9	B3-9	-	-	0	0	0	63.7	51.2	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5241	7	30.9	B3-9	-	-	0	0	0	63.9	51.2	0	0	64.1	64.1	70	N	-	-	-	-	-	N
R5241	8	33.9	B3-9	-	-	0	0	0	64	51.2	0	0	64.3	64.3	70	N	-	-	-	-	-	N
R5241	9	36.9	B3-9	-	-	0	0	0	64.2	51.2	0	0	64.4	64.4	70	N	-	-	-	-	-	N
R5241	10	39.9	B3-9	-	-	0	0	0	64.3	51.2	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R5241	11	42.9	B3-9	-	-	0	0	0	64.4	51.2	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5241	12	45.9	B3-9	-	-	0	0	0	64.4	51.1	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5241	13	48.9	B3-9	-	-	0	0	0	64.4	51.1	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5241	14	51.9	B3-9	-	-	0	0	0	64.5	51.1	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	15	54.9	B3-9	-	-	0	0	0	64.5	51	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	16	57.9	B3-9	-	-	0	0	0	64.5	51	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	17	60.9	B3-9	-	-	0	0	0	64.5	51	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	18	63.9	B3-9	-	-	0	0	0	64.5	51	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	19	66.9	B3-9	-	-	0	0	0	64.5	51	0	0	64.7	64.7	70	N	-	-	-	-	-	N
R5241	20	69.9	B3-9	-	-	0	0	0	64.5	50.9	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5242	1	12.9	B3-9	-	-	51.4	0	17.3	0	65	0	0	65	65.2	70	N	-	-	-	-	-	N
R5242	2	15.9	B3-9	-	-	53.7	0	17.3	0	64.9	0	0	64.9	65.2	70	N	-	-	-	-	-	N
R5242	3	18.9	B3-9	-	-	56.4	0	17.2	0	64.8	0	0	64.8	65.4	70	N	-	-	-	-	-	N
R5242	4	21.9	B3-9	-	-	58.3	0	17.2	0	64.7	0	0	64.7	65.6	70	N	-	-	-	-	-	N
R5242	5	24.9	B3-9	-	-	59.6	0	17.2	0	64.6	0	0	64.6	65.8	70	N	-	-	-	-	-	N
R5242	6	27.9	B3-9	-	-	60.4	0	17.2	0	64.4	0	0	64.4	65.8	70	N	-	-	-	-	-	N
R5242	7	30.9	B3-9	-	-	60.8	0	17.2	0	64.2	0	0	64.2	65.8	70	N	-	-	-	-	-	N
R5242	8	33.9	B3-9	-	-	61	0	17.2	0	64	0	0	64	65.8	70	N	-	-	-	-	-	N
R5242	9	36.9	B3-9	-	-	61.1	0	17.2	0	63.8	0	0	63.8	65.7	70	N	-	-	-	-	-	N
R5242	10	39.9	B3-9	-	-	61.1	0	17.2	0	63.7	0	0	63.7	65.6	70	N	-	-	-	-	-	N
R5242	11	42.9	B3-9	-	-	61.2	0	17.2	0	63.5	0	0	63.5	65.5	70	N	-	-	-	-	-	N
R5242	12	45.9	B3-9	-	-	61.2	0	17.2	0	63.3	0	0	63.3	65.3	70	N	-	-	-	-	-	N
R5242	13	48.9	B3-9	-	-	61.2	0	17.1	0	63.1	0	0	63.1	65.2	70	N	-	-	-	-	-	N
R5242	14	51.9	B3-9	-	-	61.1	0	17.1	0	62.9	0	0	62.9	65.1	70	N	-	-	-	-	-	N
R5242	15	54.9	B3-9	-	-	61.1	0	17.1	0	62.7	0	0	62.7	65	70	N	-	-	-	-	-	N
R5242	16	57.9	B3-9	-	-	61.1	0	17.1	0	62.5	0	0	62.5	64.9	70	N	-	-	-	-	-	N
R5242	17	60.9	B3-9	-	-	61.1	0	17.1	0	62.3	0	0	62.3	64.8	70	N	-	-	-	-	-	N
R5242	18	63.9	B3-9	-	-	61.1	0	17.1	0	62.2	0	0	62.2	64.7	70	N	-	-	-	-	-	N
R5242	19	66.9	B3-9	-	-	61.1	0	17.1	0	62	0	0	62	64.6	70	N	-	-	-	-	-	N
R5242	20	69.9	B3-9	-	-	61.1	0	17	0	61.8	0	0	61.8	64.5	70	N	-	-	-	-	-	N
R5261	1	9.0	B3-10	-	-	43.3	0	16.6	49.8	53	0	0	54.7	55	65	N	-	-	-	-	-	N
R5261	2	12.0	B3-10	-	-	44.7	0	17.5	50.4	53	0	0	54.9	55.3	65	N	-	-	-	-	-	N
R5261	3	15.0	B3-10	-	-	46.3	0	18.3	51.1	53	0	0	55.2	55.7	65	N	-	-	-	-	-	N
R5261	4	18.0	B3-10	-	-	48.3	0	19.3	51.4	53	0	0	55.3	56.1	65	N	-	-	-	-	-	N
R5261	5	21.0	B3-10	-	-	49.6	0	20.3	51.5	53	0	0	55.4	56.4	65	N	-	-	-	-	-	N
R5261	6	24.0	B3-10	-	-	51.3	0	21.3	51.9	52.9	0	0	55.5	56.9	65	N	-	-	-	-	-	N
R5261	7	27.0	B3-10	-	-	52.6	0	22.4	52.3	52.9	0	0	55.7	57.4	65	N	-	-	-	-	-	N
R5261	8	30.0	B3-10	-	-	53.4	0	23.4	52.9	52.9	0	0	55.9	57.8	65	N	-	-	-	-	-	N
R5262	1	9.0	B3-10	-	-	50.3	0	17.2	0	60.5	0	0	60.5	60.9	65	N	-	-	-	-	-	N
R5262	2	12.0	B3-10	-	-	51.1	0	18.1	0	60.5	0	0	60.5	61	65	N	-	-	-	-	-	N
R5262	3	15.0	B3-10	-	-	52.4	0	18.9	0	60.5	0	0	60.5	61.1	65	N	-	-	-	-	-	N
R5262	4	18.0	B3-10	-	-	54	0	19.8	0	60.4	0	0	60.4	61.3	65	N	-	-	-	-	-	N
R5262	5	21.0	B3-10	-	-	55.3	0	20.8	0	60.4	0	0	60.4	61.6	65	N	-	-	-	-	-	N
R5262	6	24.0	B3-10	-	-	56.9	0	21.9	0	60.3	0	0	60.3	62	65	N	-	-	-	-	-	N
R5262	7	27.0	B3-10	-	-	58.1	0	22.9	0	60.3	0	0	60.3	62.3	65	N	-	-	-	-	-	N
R5262	8	30.0	B3-10	-	-	58.7	0	24	0	60.2	0	0	60.2	62.6	65	N	-	-	-	-	-	N
R5263	1	9.0	B3-10	-	-	47.6	0	0	56.9	57.5	0	0	60.2	60.5	65	N	-	-	-	-	-	N
R5263	2	12.0	B3-10	-	-	48.2	0	0	56.9	57.5	0	0	60.2	60.5	65	N	-	-	-	-	-	N
R5263	3	15.0	B3-10	-	-	49.1	0	0	56.9	57.5	0	0	60.2	60.5	65	N	-	-	-	-	-	N
R5263	4	18.0	B3-10	-	-	50.4	0	0	56.9	57.5	0	0	60.2	60.6	65	N	-	-	-	-	-	N
R5263	5	21.0	B3-10	-	-	51.7	0	0	56.9	57.5	0	0	60.2	60.8	65	N	-	-	-	-	-	N
R5263	6	24.0	B3-10	-	-	53.1	0	0	56.9	57.4	0	0	60.2	60.9	65	N	-	-	-	-	-	N
R5263	7	27.0	B3-10	-	-	54.2	0	0	56.9	57.4	0	0	60.2	61.1	65	N	-	-	-	-	-	N
R5263	8	30.0	B3-10	-	-	54.9	0	0	56.9	57.3	0	0	60.1	61.2	65	N	-	-	-	-	-	N
R5281	1	9.0	B3-12	-	-	55.5	0	45.4	56.4	63.1	0	0	64	64.6	65	N	-	-	-	-	-	N
R5281	2	12.0	B3-12	-	-	55.5	0	45.7	56.3	63.1	0	0	64	64.6	65	N	-	-	-	-	-	N
R5281	3	15.0	B3-12	-	-	55.5	0	46	56.3	63.1	0	0	64	64.6	65	N	-	-	-	-	-	N
R5281	4	18.0	B3-12	-	-	55.7	0	46.3	56.3	63	0	0	63.9	64.5	65	N	-	-	-	-	-	N
R5281	5	21.0	B3-12	-	-	55.8	0	46.6	56.3	62.9	0	0	63.8	64.5	65	N	-	-	-	-	-	N
R5281	6	24.0	B3-12	-	-	55.9	0	47	56.3	62.7	0	0	63.7	64.4	65	N	-	-	-	-	-	N
R5281	7	27.0	B3-12	-	-	56	0	47.3	56.3	62.6	0	0	63.6	64.3	65	N	-	-	-	-	-	N
R5281	8	30.0	B3-12	-	-	56.1	0	47.6	56.3	62.4	0	0	63.5	64.2	65	N	-	-	-	-	-	N
R5282	1	9.0	B3-12	-	-	56	0	0	0	62.1	0	0	62.1	63.1	65	N	-	-	-	-	-	N
R5282	2	12.0	B3-12	-	-	56.1	0	0	0	62.1	0	0	62.1	63.1	65	N	-	-	-	-	-	N
R5282	3	15.0	B3-12	-	-	56.3	0	0	0	62.1	0	0	62.1	63.1	65	N	-	-	-	-	-	N
R5282	4	18.0	B3-12	-	-	56.8	0	0	0	62	0	0	62	63.2	65	N	-	-	-	-	-	N
R5282	5	21.0	B3-12	-	-	57.2	0	0	0	61.9	0	0	61.9	63.2	65	N	-	-	-	-	-	N
R5282	6	24.0	B3-12	-	-	57.8	0	0	0	61.9	0	0	61.9	63.3	65	N	-	-	-	-	-	N
R5282	7	27.0	B3-12	-	-	58.2	0	0	0	61.8	0	0	61.8	63.4	65	N	-	-	-	-	-	N
R5282	8	30.0	B3-12	-	-	58.5	0	0	0	61.7	0	0	61.7	63.4	65	N	-	-	-	-	-	N
R5291	1	8.5	C2-7	-	-	0	0	58	64.6	60.8	0	0	66.7	66.7	65	Y	-	-	-	-	-	Y
R5291	2	12.5	C2-7	-	-	0	0	58.4	64.6	60.8	0	0	66.8	66.8	65	Y	-	-	-	-	-	Y
R5291	3	16.5	C2-7	-	-	0	0	58.6	64.6	60.8	0	0	66.8	66.8	65	Y	-	-	-	-	-	Y
R5291	4	20.5	C2-7	-	-	0	0	58.8	64.6	60.7	0	0	66.8	66.8	65	Y	-	-	-	-	-	Y
R5291	5	24.5	C2-7	-	-	0	0	58.8	64.5	60.7	0	0	66.8	66.8	65	Y	-	-	-	-	-	Y
R5291	6	28.5	C2-7	-	-	0	0	58.7	64.5	60.7	0	0	66.7	66.7	65	Y	-	-	-	-	-	Y
R5291	7	32.5	C2-7	-	-	0	0	58.7	64.4	60.7	0	0	66.7	66.7	65	Y	-	-	-	-	-	Y
R5291	8	36.5	C2-7	-	-	0	0	58.6	64.4	60.7	0	0	66.7	66.7	65	Y	-	-	-	-	-	Y
R5292	1	8.5	C2-7	-	-	59.1	0	0	0	64.9	0	0	64.9	65.9	65	Y	-	-	-	-	-	Y
R5292	2	12.5	C2-7	-	-	59.2	0	0	0	64.9	0	0	64.9	65.9	65	Y	-	-	-	-	-	Y
R5292	3	16.5	C2-7	-	-	59.2	0	0	0	64.9	0	0	64.9	65.9	65	Y	-	-	-	-	-	Y
R5292	4	20.5	C2-7	-	-	59.3	0	0	0	64.8	0	0	64.8	65.9	65	Y	-	-	-	-	-	Y
R5292	5	24.5	C2-7	-	-	59.3	0	0	0	64.8	0	0	64.8	65.9	65	Y	-	-	-	-	-	Y
R5292	6	28.5	C2-7	-	-	59.3	0	0	0	64.7	0	0	64.7	65.8	65	Y	-	-	-	-	-	Y
R5292	7	32.5	C2-7	-	-	59.3	0	0	0	64.7	0	0	64.7	65.8	65	Y	-	-	-	-	-	Y
R5292	8	36.5	C2-7	-	-	59.3	0	0	0	64.6	0	0	64.6	65.8	65	Y	-	-	-	-	-	Y
R5293	1	8.5	C2-7	-	-	59.5	0	50.2	29.9	66.9	0	0	67	67.7	65	Y	-	-	-	-	-	Y
R5293	2	12.5	C2-7	-	-	59.5	0	51.2	30.8	66.9	0	0	67.1	67.8	65	Y	-	-	-	-	-	Y
R5293	3	16.5	C2-7	-	-	59.6	0	52.4	32	66.9	0	0	67	67.7	65	Y	-	-	-	-	-	Y
R5293	4	20.5	C2-7	-	-	59.7	0	53.2	33.4	66.8	0	0	67	67.7	65	Y	-	-	-	-	-	Y
R5293	5	24.5	C2-7	-	-	59.8	0	53.8	35.1	66.7	0	0	66.9	67.7	65	Y	-	-	-	-	-	Y
R5293	6	28.5	C2-7	-	-	59.8	0	54.1	37.2	66.6	0	0	66.9	67.6	65	Y	-	-	-	-	-	Y
R5293	7	32.5	C2-7	-	-	59.8	0	54.3	39.5	66.5	0	0	66.8	67.6	65	Y	-	-	-	-	-	Y
R5293	8	36.5	C2-7	-	-	59.8	0	54.6	42.1	66.4	0	0	66.7	67.5	65	Y	-	-	-	-	-	Y
R5295	1	8.5	C2-9	-	-	59.3	0	0	56.2	67.5	0	0	67.8	68.4	65	Y	-	-	-	-	-	Y
R5295	2	12.5	C2-9	-	-	59.3	0	0	56.2	67.4	0	0	67.7	68.3	65	Y	-	-	-	-	-	Y
R5295	3	16.5	C2-9	-	-	59.3	0	0	56.2	67.3	0	0	67.7	68.2	65	Y	-	-	-	-	-	Y
R5295	4	20.5	C2-9	-	-	59.2	0	0	56.2	67.2	0	0	67.5	68.1	65	Y	-	-	-	-	-	Y
R5295	5	24.5	C2-9	-	-	59.2	0	0	56.2	67	0	0	67.3	67.9	65	Y	-	-	-	-	-	Y
R5295	6	28.5	C2-9	-	-	59.2	0	0	56.2	66.7	0	0	67.1	67.7	65	Y	-	-	-	-	-	Y
R5295	7	32.5	C2-9	-	-	59.1	0	0	56.3	66.5	0	0	66.8	67.5	65	Y	-	-	-	-	-	Y
R5295	8	36.5	C2-9	-	-	59	0	0	56.3	66.2	0	0	66.6	67.3	65	Y	-	-	-	-	-	Y
R5296	1	8.5	C2-9	-	-	61.6	0	0	0	74.7	0	0	74.7	74.9	65	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR						C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5296	2	12.5	C2-9	-	-	61.6	0	0	0	74.6	0	0		74.6	74.8	65	Y	-	-	-	-	-	Y
R5296	3	16.5	C2-9	-	-	61.7	0	0	0	74.1	0	0		74.1	74.4	65	Y	-	-	-	-	-	Y
R5296	4	20.5	C2-9	-	-	61.7	0	0	0	73.7	0	0		73.7	73.9	65	Y	-	-	-	-	-	Y
R5296	5	24.5	C2-9	-	-	61.8	0	0	0	73.2	0	0		73.2	73.5	65	Y	-	-	-	-	-	Y
R5296	6	28.5	C2-9	-	-	61.7	0	0	0	72.7	0	0		72.7	73	65	Y	-	-	-	-	-	Y
R5296	7	32.5	C2-9	-	-	61.7	0	0	0	72.3	0	0		72.3	72.7	65	Y	-	-	-	-	-	Y
R5296	8	36.5	C2-9	-	-	61.7	0	0	0	71.9	0	0		71.9	72.3	65	Y	-	-	-	-	-	Y
R5297	1	8.5	C2-9	-	-	55.5	0	56	58.1	74.8	0	0		75	75	65	Y	-	-	-	-	-	Y
R5297	2	12.5	C2-9	-	-	55.7	0	56.5	58.1	74.8	0	0		74.9	75	65	Y	-	-	-	-	-	Y
R5297	3	16.5	C2-9	-	-	55.8	0	57	58.1	74.7	0	0		74.8	74.9	65	Y	-	-	-	-	-	Y
R5297	4	20.5	C2-9	-	-	55.9	0	57.6	58.1	74.4	0	0		74.6	74.7	65	Y	-	-	-	-	-	Y
R5297	5	24.5	C2-9	-	-	56.1	0	58.2	58	74.1	0	0		74.4	74.4	65	Y	-	-	-	-	-	Y
R5297	6	28.5	C2-9	-	-	56.1	0	58.6	58	73.8	0	0		74.1	74.1	65	Y	-	-	-	-	-	Y
R5297	7	32.5	C2-9	-	-	56.2	0	58.9	57.9	73.5	0	0		73.8	73.8	65	Y	-	-	-	-	-	Y
R5297	8	36.5	C2-9	-	-	56.2	0	59.1	57.8	73.2	0	0		73.5	73.5	65	Y	-	-	-	-	-	Y
R5298	1	8.5	C2-9	-	-	53.7	0	57.7	60.4	75.8	0	0		76	76	65	Y	-	-	-	-	-	Y
R5298	2	12.5	C2-9	-	-	53.8	0	58.2	60.4	75.7	0	0		75.9	75.9	65	Y	-	-	-	-	-	Y
R5298	3	16.5	C2-9	-	-	53.9	0	59	60.3	75.4	0	0		75.6	75.6	65	Y	-	-	-	-	-	Y
R5298	4	20.5	C2-9	-	-	54	0	59.6	60.2	75	0	0		75.2	75.3	65	Y	-	-	-	-	-	Y
R5298	5	24.5	C2-9	-	-	54.1	0	60.2	60.1	74.5	0	0		74.8	74.9	65	Y	-	-	-	-	-	Y
R5298	6	28.5	C2-9	-	-	54.2	0	60.5	60	74.1	0	0		74.4	74.5	65	Y	-	-	-	-	-	Y
R5298	7	32.5	C2-9	-	-	54.2	0	60.8	59.9	73.7	0	0		74.1	74.1	65	Y	-	-	-	-	-	Y
R5298	8	36.5	C2-9	-	-	54.3	0	61	59.8	73.3	0	0		73.7	73.7	65	Y	-	-	-	-	-	Y
R5301	1	13.5	D2-2	-	-	43.1	0	0	6.2	72.5	0	0		72.5	72.5	70	Y	-	-	-	-	-	Y
R5301	2	16.2	D2-2	-	-	43.5	0	0	6.2	72.4	0	0		72.4	72.4	70	Y	-	-	-	-	-	Y
R5301	3	18.9	D2-2	-	-	43.7	0	0	6.2	72.3	0	0		72.3	72.4	70	Y	-	-	-	-	-	Y
R5301	4	21.6	D2-2	-	-	43.9	0	0	6.2	72.3	0	0		72.3	72.3	70	Y	-	-	-	-	-	Y
R5301	5	24.3	D2-2	-	-	44.1	0	0	6.2	72.2	0	0		72.2	72.2	70	Y	-	-	-	-	-	Y
R5301	6	27.0	D2-2	-	-	44.3	0	0	6.2	72.1	0	0		72.1	72.1	70	Y	-	-	-	-	-	Y
R5301	7	29.7	D2-2	-	-	44.4	0	0	6.2	71.9	0	0		71.9	72	70	Y	-	-	-	-	-	Y
R5301	8	32.4	D2-2	-	-	44.6	0	0	6.2	71.8	0	0		71.8	71.9	70	Y	-	-	-	-	-	Y
R5301	9	35.1	D2-2	-	-	44.7	0	0	6.2	71.7	0	0		71.7	71.7	70	Y	-	-	-	-	-	Y
R5301	10	37.8	D2-2	-	-	44.9	0	0	6.2	71.5	0	0		71.5	71.5	70	Y	-	-	-	-	-	Y
R5301	11	40.5	D2-2	-	-	45	0	0	6.2	71.4	0	0		71.4	71.4	70	Y	-	-	-	-	-	Y
R5301	12	43.2	D2-2	-	-	45.1	0	0	6.2	71.3	0	0		71.3	71.3	70	Y	-	-	-	-	-	Y
R5301	13	45.9	D2-2	-	-	45.2	0	0	6.1	71.2	0	0		71.2	71.2	70	Y	-	-	-	-	-	Y
R5301	14	48.6	D2-2	-	-	45.4	0	0	6.1	71	0	0		71	71	70	Y	-	-	-	-	-	Y
R5301	15	51.3	D2-2	-	-	45.5	0	0	6.1	70.8	0	0		70.8	70.9	70	Y	-	-	-	-	-	Y
R5301	16	54.0	D2-2	-	-	45.6	0	0	6.1	70.7	0	0		70.7	70.7	70	Y	-	-	-	-	-	Y
R5301	17	56.7	D2-2	-	-	45.8	0	0	6.1	70.6	0	0		70.6	70.6	70	Y	-	-	-	-	-	Y
R5301	18	59.4	D2-2	-	-	45.9	0	0	6	70.5	0	0		70.5	70.5	70	Y	-	-	-	-	-	Y
R5301	19	62.1	D2-2	-	-	46.1	0	0	6	70.3	0	0		70.3	70.3	70	N	-	-	-	-	-	N
R5301	20	64.8	D2-2	-	-	46.1	0	0	6.1	70.2	0	0		70.2	70.2	70	N	-	-	-	-	-	N
R5302	1	13.5	D2-2	-	-	32	0	0	5	72.6	0	0		72.6	72.6	70	Y	-	-	-	-	-	Y
R5302	2	16.2	D2-2	-	-	32	0	0	5	72.5	0	0		72.5	72.5	70	Y	-	-	-	-	-	Y
R5302	3	18.9	D2-2	-	-	32.1	0	0	5	72.4	0	0		72.4	72.4	70	Y	-	-	-	-	-	Y
R5302	4	21.6	D2-2	-	-	32.1	0	0	5	72.4	0	0		72.4	72.4	70	Y	-	-	-	-	-	Y
R5302	5	24.3	D2-2	-	-	32.1	0	0	5	72.3	0	0		72.3	72.3	70	Y	-	-	-	-	-	Y
R5302	6	27.0	D2-2	-	-	32.1	0	0	5	72.2	0	0		72.2	72.2	70	Y	-	-	-	-	-	Y
R5302	7	29.7	D2-2	-	-	32.1	0	0	5	72	0	0		72	72	70	Y	-	-	-	-	-	Y
R5302	8	32.4	D2-2	-	-	32.2	0	0	5	71.9	0	0		71.9	71.9	70	Y	-	-	-	-	-	Y
R5302	9	35.1	D2-2	-	-	32.2	0	0	5	71.8	0	0		71.8	71.8	70	Y	-	-	-	-	-	Y
R5302	10	37.8	D2-2	-	-	32.2	0	0	5	71.6	0	0		71.6	71.6	70	Y	-	-	-	-	-	Y
R5302	11	40.5	D2-2	-	-	32.2	0	0	5	71.4	0	0		71.4	71.5	70	Y	-	-	-	-	-	Y
R5302	12	43.2	D2-2	-	-	32.3	0	0	5	71.3	0	0		71.3	71.3	70	Y	-	-	-	-	-	Y
R5302	13	45.9	D2-2	-	-	32.3	0	0	5	71.2	0	0		71.2	71.2	70	Y	-	-	-	-	-	Y
R5302	14	48.6	D2-2	-	-	32.4	0	0	5	71	0	0		71	71	70	Y	-	-	-	-	-	Y
R5302	15	51.3	D2-2	-	-	32.5	0	0	4.9	70.9	0	0		70.9	70.9	70	Y	-	-	-	-	-	Y
R5302	16	54.0	D2-2	-	-	32.5	0	0	4.9	70.7	0	0		70.7	70.7	70	Y	-	-	-	-	-	Y
R5302	17	56.7	D2-2	-	-	32.6	0	0	4.9	70.6	0	0		70.6	70.6	70	Y	-	-	-	-	-	Y
R5302	18	59.4	D2-2	-	-	32.7	0	0	4.9	70.5	0	0		70.5	70.5	70	Y	-	-	-	-	-	Y
R5302	19	62.1	D2-2	-	-	32.9	0	0	4.9	70.3	0	0		70.3	70.3	70	N	-	-	-	-	-	N
R5302	20	64.8	D2-2	-	-	33	0	0	4.9	70.2	0	0		70.2	70.2	70	N	-	-	-	-	-	N
R5303	1	13.5	D2-2	-	-	59.8	0	0	4.2	73	0	0		73	73.2	70	Y	-	-	-	-	-	Y
R5303	2	16.2	D2-2	-	-	59.9	0	0	4.2	73	0	0		73	73.2	70	Y	-	-	-	-	-	Y
R5303	3	18.9	D2-2	-	-	59.8	0	0	4.2	72.9	0	0		72.9	73.1	70	Y	-	-	-	-	-	Y
R5303	4	21.6	D2-2	-	-	59.8	0	0	4.2	72.8	0	0		72.8	73	70	Y	-	-	-	-	-	Y
R5303	5	24.3	D2-2	-	-	59.8	0	0	4.1	72.7	0	0		72.7	72.9	70	Y	-	-	-	-	-	Y
R5303	6	27.0	D2-2	-	-	59.8	0	0	4.1	72.6	0	0		72.6	72.8	70	Y	-	-	-	-	-	Y
R5303	7	29.7	D2-2	-	-	59.8	0	0	4.1	72.5	0	0		72.5	72.7	70	Y	-	-	-	-	-	Y
R5303	8	32.4	D2-2	-	-	59.7	0	0	4.1	72.3	0	0		72.3	72.5	70	Y	-	-	-	-	-	Y
R5303	9	35.1	D2-2	-	-	59.7	0	0	4.1	72.2	0	0		72.2	72.4	70	Y	-	-	-	-	-	Y
R5303	10	37.8	D2-2	-	-	59.6	0	0	4.1	72	0	0		72	72.3	70	Y	-	-	-	-	-	Y
R5303	11	40.5	D2-2	-	-	59.5	0	0	4.1	71.9	0	0		71.9	72.1	70	Y	-	-	-	-	-	Y
R5303	12	43.2	D2-2	-	-	59.5	0	0	4.1	71.7	0	0		71.7	72	70	Y	-	-	-	-	-	Y
R5303	13	45.9	D2-2	-	-	59.4	0	0	4.1	71.6	0	0		71.6	71.8	70	Y	-	-	-	-	-	Y
R5303	14	48.6	D2-2	-	-	59.4	0	0	4.1	71.4	0	0		71.4	71.7	70	Y	-	-	-	-	-	Y
R5303	15	51.3	D2-2	-	-	59.3	0	0	4.1	71.3	0	0		71.3	71.5	70	Y	-	-	-	-	-	Y
R5303	16	54.0	D2-2	-	-	59.3	0	0	4.1	71.1	0	0		71.1	71.4	70	Y	-	-	-	-	-	Y
R5303	17	56.7	D2-2	-	-	59.2	0	0	4.1	71	0	0		71	71.3	70	Y	-	-	-	-	-	Y
R5303	18	59.4	D2-2	-	-	59.2	0	0	4.1	70.9	0	0		70.9	71.1	70	Y	-	-	-	-	-	Y
R5303	19	62.1	D2-2	-	-	59.1	0	0	4.1	70.7	0	0		70.7	71	70	Y	-	-	-	-	-	Y
R5303	20	64.8	D2-2	-	-	59.1	0	0	4.1	70.6	0	0		70.6	70.9	70	Y	-	-	-	-	-	Y
R5304	1	13.5	D2-2	-	-	59.4	0	0	62.5	74.3	0	0		74.6	74.7	70	Y	-	-	-	-	-	Y
R5304	2	16.2	D2-2	-	-	59.4	0	0	62.5	74.2	0	0		74.5	74.6	70	Y	-	-	-	-	-	Y
R5304	3	18.9	D2-2	-	-	59.4	0	0	62.4	74	0	0		74.3	74.4	70	Y	-	-	-	-	-	Y
R5304	4	21.6	D2-2	-	-	59.4	0	0	62.4	73.8	0	0		74.1	74.2	70	Y	-	-	-	-	-	Y
R5304	5	24.3	D2-2	-	-	59.4	0	0	62.3	73.6	0	0		73.9	74	70	Y	-	-	-	-	-	Y
R5304	6	27.0	D2-2	-	-	59.3	0	0	62.3	73.3	0	0		73.7	73.8	70	Y	-	-	-	-	-	Y
R5304	7	29.7	D2-2	-	-	59.3	0	0	62.2	73.1	0	0		73.5	73.6	70	Y	-	-	-	-	-	Y
R5304	8	32.4	D2-2	-	-	59.3	0	0	62.2	72.9	0	0		73.2	73.4	70	Y	-	-	-	-	-	Y
R5304	9	35.1	D2-2	-	-	59.3	0	0	62.1	72.6	0	0		73	73.2	70	Y	-	-	-	-	-	Y
R5304	10	37.8	D2-2	-	-	59.2	0	0	62.1	72.4	0	0		72.8	73	70	Y	-	-	-	-	-	Y
R5304	11	40.5	D2-2	-	-	59.2	0	0	62.1	72.2	0	0		72.6	72.8	70	Y	-	-	-	-	-	Y
R5304	12	43.2	D2-2	-	-	59.2	0	0	62	72	0	0		72.4	72.6	70	Y	-	-	-	-	-	Y
R5304	13	45.9	D2-2	-	-	59.1	0	0	62	71.8	0	0		72.2	72.4	70	Y	-	-	-	-	-	Y
R5304	14	48.6	D2-2	-	-	59.1	0	0	62	71.5	0	0		72	72.2	70	Y	-	-	-	-	-	Y
R5304	15	51.3	D2-2	-	-	59.1	0	0	61.9	71.4	0	0		71.9	72.1	70	Y	-	-	-	-	-	Y
R5304	16	54.0	D2-2	-	-	59	0	0	61.9	71.2	0	0		71.7	71.9	70	Y	-	-	-	-	-	Y
R5304	17	56.7	D2-2	-	-	59	0	0	61.9	71	0	0		71.5	71.7	70	Y	-	-	-	-	-	Y
R5304	18	59.4	D2-2	-	-	59	0	0	61.8	70.8	0	0		71.3	71.6	70	Y	-	-	-	-	-	Y
R5304	19	62.1	D2-2	-	-	59	0	0	61.8	70.7	0	0		71.2	71.4	70	Y	-	-	-	-	-	Y
R5304	20	64.8	D2-2	-	-	58.9	0	0	61.7	70.5	0	0		71.1	71.3	70	Y	-	-	-	-	-	Y
R5305	1	13.5	D2-2	-	-	21.5	0	58.8	64.5	69.5	0	0		71	71	70	Y	-	-	-	-	-	Y
R5305	2	16.2	D2-2	-	-	22.2	0	59.3	64.5	69.4	0	0		71	71	70	Y	-	-	-	-	-	Y
R5305	3	18.9	D2-2	-	-	23	0	59.9	64.5	69.3	0	0		70.9	70.9	70	Y	-	-	-	-	-	Y
R5305	4	21.6	D2-2	-	-	23.9	0	60.4	64.4	69.2	0	0		70.9	70.9	70	Y	-	-	-	-	-	Y
R5305	5	24.3	D2-2	-	-	24.8	0	60.7	64.4	69.1	0	0		70.8	70.8	70	Y	-	-	-	-	-	Y
R5305	6	27.0	D2-2	-	-	25.7	0	61	64.3	69	0	0		70.7	70.7	70	Y	-	-	-	-	-	Y
R5305	7	29.7	D2-2	-	-	26.6	0	61.4	64.2	68.8	0	0		70.7	70.7	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5305	8	32.4	D2-2	-	-	27.5	0	61.5	64.2	68.7	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5305	9	35.1	D2-2	-	-	28.5	0	61.7	64.1	68.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5305	10	37.8	D2-2	-	-	29.5	0	61.9	64.1	68.3	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5305	11	40.5	D2-2	-	-	30.5	0	61.9	64	68.2	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5305	12	43.2	D2-2	-	-	31.8	0	62.1	64	68	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5305	13	45.9	D2-2	-	-	32.9	0	62.1	63.9	67.8	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5305	14	48.6	D2-2	-	-	34.3	0	62.2	63.9	67.7	0	0	70	70	70	N	-	-	-	-	-	N
R5305	15	51.3	D2-2	-	-	36	0	62.2	63.8	67.5	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5305	16	54.0	D2-2	-	-	37.9	0	62.2	63.7	67.4	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5305	17	56.7	D2-2	-	-	39.9	0	62.3	63.7	67.2	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5305	18	59.4	D2-2	-	-	42.1	0	62.3	63.6	67	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5305	19	62.1	D2-2	-	-	43.3	0	62.3	63.5	66.9	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5305	20	64.8	D2-2	-	-	44	0	62.3	63.5	66.8	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5306	1	13.5	D2-2	-	-	0	0	60.4	61.7	62.2	0	0	66.3	66.3	70	N	-	-	-	-	-	N
R5306	2	16.2	D2-2	-	-	0	0	60.8	61.7	62.2	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5306	3	18.9	D2-2	-	-	0	0	61.5	61.7	62.2	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5306	4	21.6	D2-2	-	-	0	0	62	61.6	62.2	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5306	5	24.3	D2-2	-	-	0	0	62.5	61.6	62.2	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5306	6	27.0	D2-2	-	-	0	0	63	61.6	62.2	0	0	67.1	67.1	70	N	-	-	-	-	-	N
R5306	7	29.7	D2-2	-	-	0	0	63.4	61.5	62.2	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5306	8	32.4	D2-2	-	-	0	0	63.7	61.4	62.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5306	9	35.1	D2-2	-	-	0	0	63.9	61.4	62.2	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5306	10	37.8	D2-2	-	-	0	0	64.1	61.3	62.1	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5306	11	40.5	D2-2	-	-	0	0	64.2	61.3	62.1	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5306	12	43.2	D2-2	-	-	0	0	64.3	61.2	62.1	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5306	13	45.9	D2-2	-	-	0	0	64.4	61.1	62	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5306	14	48.6	D2-2	-	-	0	0	64.5	61.1	62	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	15	51.3	D2-2	-	-	0	0	64.6	61	62	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	16	54.0	D2-2	-	-	0	0	64.6	60.9	62	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	17	56.7	D2-2	-	-	0	0	64.7	60.9	61.9	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	18	59.4	D2-2	-	-	0	0	64.7	60.8	61.9	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	19	62.1	D2-2	-	-	0	0	64.8	60.7	61.9	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5306	20	64.8	D2-2	-	-	0	0	64.8	60.7	61.8	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5321	1	13.5	D2-4	-	-	0	0	62	56.8	60.3	0	0	65	65	70	N	-	-	-	-	-	N
R5321	2	16.5	D2-4	-	-	0	0	62.6	56.8	60.3	0	0	65.3	65.3	70	N	-	-	-	-	-	N
R5321	3	19.5	D2-4	-	-	0	0	63.4	56.8	60.3	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5321	4	22.5	D2-4	-	-	0	0	64.1	56.7	60.3	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5321	5	25.5	D2-4	-	-	0	0	64.7	56.7	60.3	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5321	6	28.5	D2-4	-	-	0	0	65.3	56.7	60.2	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5321	7	31.5	D2-4	-	-	0	0	65.6	56.7	60.2	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5321	8	34.5	D2-4	-	-	0	0	66	56.7	60.2	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5321	9	37.5	D2-4	-	-	0	0	66.2	56.6	60.2	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5321	10	40.5	D2-4	-	-	0	0	66.4	56.6	60.2	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5321	11	43.5	D2-4	-	-	0	0	66.5	56.6	60.1	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5321	12	46.5	D2-4	-	-	0	0	66.6	56.6	60.1	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5321	13	49.5	D2-4	-	-	0	0	66.7	56.5	60.1	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	14	52.5	D2-4	-	-	0	0	66.7	56.5	60.1	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	15	55.5	D2-4	-	-	0	0	66.8	56.5	60	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	16	58.5	D2-4	-	-	0	0	66.8	56.4	60	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	17	61.5	D2-4	-	-	0	0	66.8	56.4	59.9	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	18	64.5	D2-4	-	-	0	0	66.8	56.4	59.8	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	19	67.5	D2-4	-	-	0	0	66.8	56.3	59.8	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5321	20	70.5	D2-4	-	-	0	0	66.8	56.3	59.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5322	1	13.5	D2-4	-	-	0	0	62.6	52.7	60.5	0	0	65	65	70	N	-	-	-	-	-	N
R5322	2	16.5	D2-4	-	-	0	0	63.4	52.7	60.5	0	0	65.4	65.4	70	N	-	-	-	-	-	N
R5322	3	19.5	D2-4	-	-	0	0	64.1	52.8	60.4	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5322	4	22.5	D2-4	-	-	0	0	64.9	52.8	60.4	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5322	5	25.5	D2-4	-	-	0	0	65.6	52.8	60.4	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5322	6	28.5	D2-4	-	-	0	0	66.1	52.8	60.4	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5322	7	31.5	D2-4	-	-	0	0	66.6	52.8	60.3	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5322	8	34.5	D2-4	-	-	0	0	67	52.8	60.3	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5322	9	37.5	D2-4	-	-	0	0	67.2	52.8	60.3	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5322	10	40.5	D2-4	-	-	0	0	67.4	52.8	60.2	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5322	11	43.5	D2-4	-	-	0	0	67.5	52.8	60.2	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5322	12	46.5	D2-4	-	-	0	0	67.7	52.8	60.1	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5322	13	49.5	D2-4	-	-	0	0	67.7	52.8	60.1	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5322	14	52.5	D2-4	-	-	0	0	67.8	52.8	60	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	15	55.5	D2-4	-	-	0	0	67.8	52.8	59.9	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	16	58.5	D2-4	-	-	0	0	67.8	52.7	59.9	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	17	61.5	D2-4	-	-	0	0	67.9	52.7	59.8	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	18	64.5	D2-4	-	-	0	0	67.8	52.7	59.7	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	19	67.5	D2-4	-	-	0	0	67.9	52.7	59.7	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5322	20	70.5	D2-4	-	-	0	0	67.8	52.7	59.6	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5323	1	13.5	D2-4	-	-	30.4	0	23	0	73.3	0	0	73.3	73.3	70	Y	-	-	-	-	-	Y
R5323	2	16.5	D2-4	-	-	33.6	0	23.1	0	73.1	0	0	73.1	73.1	70	Y	-	-	-	-	-	Y
R5323	3	19.5	D2-4	-	-	37.2	0	23.3	0	72.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5323	4	22.5	D2-4	-	-	40.5	0	23.6	0	72.5	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5323	5	25.5	D2-4	-	-	42.1	0	23.9	0	72.2	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5323	6	28.5	D2-4	-	-	43.7	0	24.2	0	71.9	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5323	7	31.5	D2-4	-	-	45.4	0	24.6	0	71.6	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5323	8	34.5	D2-4	-	-	46.1	0	25	0	71.3	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5323	9	37.5	D2-4	-	-	46.2	0	25.5	0	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5323	10	40.5	D2-4	-	-	46.4	0	26.2	0	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5323	11	43.5	D2-4	-	-	46.3	0	27	0	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5323	12	46.5	D2-4	-	-	46.4	0	28	0	70.3	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5323	13	49.5	D2-4	-	-	46.3	0	29.3	0	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5323	14	52.5	D2-4	-	-	46.3	0	31.3	0	69.8	0	0	69.8	69.9	70	N	-	-	-	-	-	N
R5323	15	55.5	D2-4	-	-	46.2	0	32.9	0	69.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5323	16	58.5	D2-4	-	-	46.1	0	34.6	0	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5323	17	61.5	D2-4	-	-	46	0	35.6	0	69.3	0	0	69.3	69.3	70	N	-	-	-	-	-	N
R5323	18	64.5	D2-4	-	-	46	0	36.2	0	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5323	19	67.5	D2-4	-	-	45.9	0	36.7	0	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5323	20	70.5	D2-4	-	-	45.8	0	37	0	68.7	0	0	68.7	68.8	70	N	-	-	-	-	-	N
R5324	1	13.5	D2-4	-	-	22.9	0	18.1	0	73.6	0	0	73.6	73.6	70	Y	-	-	-	-	-	Y
R5324	2	16.5	D2-4	-	-	22.9	0	18.1	0	73.4	0	0	73.4	73.4	70	Y	-	-	-	-	-	Y
R5324	3	19.5	D2-4	-	-	22.9	0	18.1	0	73.1	0	0	73.1	73.1	70	Y	-	-	-	-	-	Y
R5324	4	22.5	D2-4	-	-	22.9	0	18.1	0	72.7	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5324	5	25.5	D2-4	-	-	22.9	0	18.1	0	72.4	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5324	6	28.5	D2-4	-	-	22.9	0	18.1	0	72.1	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5324	7	31.5	D2-4	-	-	22.8	0	18.1	0	71.8	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5324	8	34.5	D2-4	-	-	22.8	0	18.1	0	71.4	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5324	9	37.5	D2-4	-	-	22.8	0	18	0	71.2	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5324	10	40.5	D2-4	-	-	22.7	0	18	0	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5324	11	43.5	D2-4	-	-	22.7	0	18	0	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5324	12	46.5	D2-4	-	-	22.6	0	18	0	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5324	13	49.5	D2-4	-	-	22.6	0	18	0	70.2	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5324	14	52.5	D2-4	-	-	22.6	0	18	0	69.9	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5324	15	55.5	D2-4	-	-	22.5	0	18	0	69.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5324	16	58.5	D2-4	-	-	22.5	0	18	0	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5324	17	61.5	D2-4	-	-	22.5	0	18.1	0	69.3	0	0	69.3	69.3	70	N	-	-	-	-	-	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT															
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS PD	DD	OTHER	EX	TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance C - A	D	Check Direct Mitigation B > Criteria	New Roads Contribution	E	Mitigation Measures Required[2,3] (Y/N)
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5324	18	64.5	D2-4	-	-	22.4	0	18.1	0	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5324	19	67.5	D2-4	-	-	22.4	0	18	0	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5324	20	70.5	D2-4	-	-	22.4	0	18	0	68.7	0	0	68.7	68.7	70	N	-	-	-	-	-	N
R5325	1	13.5	D2-4	-	-	40.2	0	11.5	0	73.7	0	0	73.7	73.7	70	Y	-	-	-	-	-	Y
R5325	2	16.5	D2-4	-	-	41.2	0	11.5	0	73.5	0	0	73.5	73.5	70	Y	-	-	-	-	-	Y
R5325	3	19.5	D2-4	-	-	42	0	11.5	0	73.2	0	0	73.2	73.2	70	Y	-	-	-	-	-	Y
R5325	4	22.5	D2-4	-	-	42.6	0	11.5	0	72.9	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5325	5	25.5	D2-4	-	-	43.2	0	11.6	0	72.6	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5325	6	28.5	D2-4	-	-	43.5	0	11.7	0	72.2	0	0	72.2	72.3	70	Y	-	-	-	-	-	Y
R5325	7	31.5	D2-4	-	-	43.8	0	11.7	0	71.9	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5325	8	34.5	D2-4	-	-	44	0	11.6	0	71.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5325	9	37.5	D2-4	-	-	44.1	0	11.6	0	71.4	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5325	10	40.5	D2-4	-	-	44	0	11.6	0	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5325	11	43.5	D2-4	-	-	44.1	0	11.7	0	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5325	12	46.5	D2-4	-	-	44.1	0	11.6	0	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5325	13	49.5	D2-4	-	-	44.2	0	11.7	0	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5325	14	52.5	D2-4	-	-	44.1	0	11.7	0	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5325	15	55.5	D2-4	-	-	44.1	0	11.6	0	69.9	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5325	16	58.5	D2-4	-	-	44.1	0	11.6	0	69.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5325	17	61.5	D2-4	-	-	44.1	0	11.6	0	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5325	18	64.5	D2-4	-	-	44	0	11.6	0	69.4	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5325	19	67.5	D2-4	-	-	44	0	11.6	0	69.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5325	20	70.5	D2-4	-	-	44	0	11.6	0	69	0	0	69	69	70	N	-	-	-	-	-	N
R5326	1	13.5	D2-4	-	-	44.1	0	9.7	0	73.3	0	0	73.3	73.3	70	Y	-	-	-	-	-	Y
R5326	2	16.5	D2-4	-	-	45.1	0	9.8	0	73.1	0	0	73.1	73.1	70	Y	-	-	-	-	-	Y
R5326	3	19.5	D2-4	-	-	45.9	0	9.8	0	72.9	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5326	4	22.5	D2-4	-	-	46.3	0	9.9	0	72.7	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5326	5	25.5	D2-4	-	-	46.7	0	9.9	0	72.4	0	0	72.4	72.5	70	Y	-	-	-	-	-	Y
R5326	6	28.5	D2-4	-	-	47	0	9.8	0	72.2	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5326	7	31.5	D2-4	-	-	47.2	0	9.9	0	72	0	0	72	72	70	Y	-	-	-	-	-	Y
R5326	8	34.5	D2-4	-	-	47.3	0	9.9	0	71.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5326	9	37.5	D2-4	-	-	47.3	0	9.9	0	71.5	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5326	10	40.5	D2-4	-	-	47.3	0	10	0	71.2	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5326	11	43.5	D2-4	-	-	47.4	0	10.1	0	71	0	0	71	71	70	Y	-	-	-	-	-	Y
R5326	12	46.5	D2-4	-	-	47.4	0	10.1	0	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5326	13	49.5	D2-4	-	-	47.4	0	10	0	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5326	14	52.5	D2-4	-	-	47.4	0	10	0	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5326	15	55.5	D2-4	-	-	47.3	0	10	0	70.2	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5326	16	58.5	D2-4	-	-	47.3	0	10	0	70	0	0	70	70	70	N	-	-	-	-	-	N
R5326	17	61.5	D2-4	-	-	47.3	0	10	0	69.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5326	18	64.5	D2-4	-	-	47.2	0	10	0	69.6	0	0	69.6	69.7	70	N	-	-	-	-	-	N
R5326	19	67.5	D2-4	-	-	47.2	0	10	0	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5326	20	70.5	D2-4	-	-	47.2	0	10	0	69.3	0	0	69.3	69.3	70	N	-	-	-	-	-	N
R5341	1	13.0	D2-6	-	-	0	0	61.7	48	58.5	0	0	63.5	63.5	70	N	-	-	-	-	-	N
R5341	2	15.7	D2-6	-	-	0	0	62.7	48	58.5	0	0	64.2	64.2	70	N	-	-	-	-	-	N
R5341	3	18.4	D2-6	-	-	0	0	63.3	48.1	58.5	0	0	64.6	64.6	70	N	-	-	-	-	-	N
R5341	4	21.1	D2-6	-	-	0	0	64	48.2	58.5	0	0	65.2	65.2	70	N	-	-	-	-	-	N
R5341	5	23.8	D2-6	-	-	0	0	64.6	48.2	58.5	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5341	6	26.5	D2-6	-	-	0	0	65.3	48.3	58.5	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5341	7	29.2	D2-6	-	-	0	0	65.8	48.3	58.4	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5341	8	31.9	D2-6	-	-	0	0	66.3	48.4	58.4	0	0	67	67	70	N	-	-	-	-	-	N
R5341	9	34.6	D2-6	-	-	0	0	66.6	48.4	58.4	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5341	10	37.3	D2-6	-	-	0	0	66.9	48.4	58.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5341	11	40.0	D2-6	-	-	0	0	67.2	48.4	58.3	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5341	12	42.7	D2-6	-	-	0	0	67.4	48.4	58.3	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5341	13	45.4	D2-6	-	-	0	0	67.5	48.4	58.2	0	0	68	68	70	N	-	-	-	-	-	N
R5341	14	48.1	D2-6	-	-	0	0	67.6	48.4	58.2	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5341	15	50.8	D2-6	-	-	0	0	67.7	48.3	58.2	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5341	16	53.5	D2-6	-	-	0	0	67.7	48.3	58.1	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5341	17	56.2	D2-6	-	-	0	0	67.8	48.3	58.1	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	18	58.9	D2-6	-	-	0	0	67.8	48.3	58.1	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	19	61.6	D2-6	-	-	0	0	67.8	48.3	58	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	20	64.3	D2-6	-	-	0	0	67.8	48.3	58	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	21	67.0	D2-6	-	-	0	0	67.9	48.3	57.9	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	22	69.7	D2-6	-	-	0	0	67.8	48.3	57.9	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	23	72.4	D2-6	-	-	0	0	67.8	48.3	57.8	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	24	75.1	D2-6	-	-	0	0	67.8	48.3	57.8	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5341	25	77.8	D2-6	-	-	0	0	67.8	48.3	57.7	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5342	1	13.0	D2-6	-	-	25.1	0	31.3	16.6	74.3	0	0	74.3	74.3	70	Y	-	-	-	-	-	Y
R5342	2	15.7	D2-6	-	-	26.1	0	31.8	16.6	74	0	0	74	74	70	Y	-	-	-	-	-	Y
R5342	3	18.4	D2-6	-	-	27.6	0	32.1	16.6	73.8	0	0	73.8	73.8	70	Y	-	-	-	-	-	Y
R5342	4	21.1	D2-6	-	-	30	0	32.6	16.6	73.5	0	0	73.5	73.5	70	Y	-	-	-	-	-	Y
R5342	5	23.8	D2-6	-	-	32.5	0	33	16.6	73.2	0	0	73.2	73.2	70	Y	-	-	-	-	-	Y
R5342	6	26.5	D2-6	-	-	33.5	0	33.5	16.6	72.9	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5342	7	29.2	D2-6	-	-	34	0	34	16.6	72.6	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5342	8	31.9	D2-6	-	-	34.1	0	34.6	16.5	72.3	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5342	9	34.6	D2-6	-	-	34.1	0	35.2	16.5	72	0	0	72	72	70	Y	-	-	-	-	-	Y
R5342	10	37.3	D2-6	-	-	34.1	0	35.8	16.5	71.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5342	11	40.0	D2-6	-	-	34.1	0	36.4	16.5	71.4	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5342	12	42.7	D2-6	-	-	34	0	37.1	16.5	71.2	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5342	13	45.4	D2-6	-	-	34	0	37.9	16.8	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5342	14	48.1	D2-6	-	-	34	0	38.6	17.3	70.7	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5342	15	50.8	D2-6	-	-	34	0	39.5	18	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5342	16	53.5	D2-6	-	-	34	0	40.6	18.8	70.3	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5342	17	56.2	D2-6	-	-	34	0	41.9	19.7	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5342	18	58.9	D2-6	-	-	34	0	43.1	20.5	69.9	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5342	19	61.6	D2-6	-	-	34	0	44.5	21.4	69.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5342	20	64.3	D2-6	-	-	34	0	45.8	22.3	69.5	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5342	21	67.0	D2-6	-	-	34	0	46.8	23.2	69.4	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5342	22	69.7	D2-6	-	-	33.9	0	47.7	24.2	69.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5342	23	72.4	D2-6	-	-	33.9	0	48.3	25.2	69	0	0	69	69	70	N	-	-	-	-	-	N
R5342	24	75.1	D2-6	-	-	33.9	0	48.7	26.4	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5342	25	77.8	D2-6	-	-	33.9	0	48.9	27.5	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5343	1	13.0	D2-6	-	-	35.6	0	26.2	17.6	74.4	0	0	74.4	74.4	70	Y	-	-	-	-	-	Y
R5343	2	15.7	D2-6	-	-	35.6	0	26.2	17.6	74.2	0	0	74.2	74.2	70	Y	-	-	-	-	-	Y
R5343	3	18.4	D2-6	-	-	35.6	0	26.2	17.6	73.9	0	0	73.9	73.9	70	Y	-	-	-	-	-	Y
R5343	4	21.1	D2-6	-	-	35.6	0	26.2	17.6	73.6	0	0	73.6	73.6	70	Y	-	-	-	-	-	Y
R5343	5	23.8	D2-6	-	-	35.6	0	26.2	17.6	73.3	0	0	73.3	73.3	70	Y	-	-	-	-	-	Y
R5343	6	26.5	D2-6	-	-	35.6	0	26.3	17.6	72.9	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5343	7	29.2	D2-6	-	-	35.6	0	26.3	17.6	72.6	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5343	8	31.9	D2-6	-	-	35.6	0	26.3	17.6	72.4	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5343	9	34.6	D2-6	-	-	35.6	0	26.3	17.6	72.1	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5343	10	37.3	D2-6	-	-	35.6	0	26.3	17.6	71.8	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5343	11	40.0	D2-6	-	-	35.6	0	26.3	17.6	71.6	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5343	12	42.7	D2-6	-	-	35.6	0	26.3	17.5	71.3	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5343	13	45.4	D2-6	-	-	35.6	0	26.3	17.6	71	0	0	71	71.1	70	Y	-	-	-	-	-	Y
R5343	14	48.1	D2-6	-	-	35.6	0	26.4	17.7	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5343	15	50.8	D2-6	-	-	35.6	0	26.6	18	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5343	16	53.5	D2-6	-	-	35.6	0	26.9	18.7	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5343	17	56.2	D2-6	-	-	35.6	0	27.1	19.6	70.2	0	0	70.2	70.2	70	N	-	-	-	-	-	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5343	18	58.9	D2-6	-	-	35.6	0	27.4	20.7	70	0	0	70	70	70	N	-	-	-	-	-	N
R5343	19	61.6	D2-6	-	-	35.5	0	27.7	22	69.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5343	20	64.3	D2-6	-	-	35.5	0	28.1	23	69.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5343	21	67.0	D2-6	-	-	35.5	0	28.5	24	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5343	22	69.7	D2-6	-	-	35.5	0	29	25.2	69.3	0	0	69.3	69.3	70	N	-	-	-	-	-	N
R5343	23	72.4	D2-6	-	-	35.5	0	29.5	26.3	69.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5343	24	75.1	D2-6	-	-	35.5	0	30	27.5	69	0	0	69	69	70	N	-	-	-	-	-	N
R5343	25	77.8	D2-6	-	-	35.5	0	30.7	28.8	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5361	1	14.0	D2-9	-	-	0	0	65.2	0	57.8	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5361	2	16.7	D2-9	-	-	0	0	67.1	0	57.8	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5361	3	19.4	D2-9	-	-	0	0	68.5	0	57.8	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5361	4	22.1	D2-9	-	-	0	0	69.7	0	57.8	0	0	70	70	70	N	-	-	-	-	-	N
R5361	5	24.8	D2-9	-	-	0	0	70.4	0	57.7	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5361	6	27.5	D2-9	-	-	0	0	70.8	0	57.7	0	0	71	71	70	Y	-	-	-	-	-	Y
R5361	7	30.2	D2-9	-	-	0	0	71	0	57.7	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5361	8	32.9	D2-9	-	-	0	0	71.1	0	57.7	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5361	9	35.6	D2-9	-	-	0	0	71.2	0	57.6	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5361	10	38.3	D2-9	-	-	0	0	71.2	0	57.6	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5361	11	41.0	D2-9	-	-	0	0	71.2	0	57.6	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5361	12	43.7	D2-9	-	-	0	0	71.1	0	57.6	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5361	13	46.4	D2-9	-	-	0	0	71	0	57.5	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5361	14	49.1	D2-9	-	-	0	0	71	0	57.5	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5361	15	51.8	D2-9	-	-	0	0	70.9	0	57.4	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5361	16	54.5	D2-9	-	-	0	0	70.8	0	57.4	0	0	71	71	70	Y	-	-	-	-	-	Y
R5361	17	57.2	D2-9	-	-	0	0	70.7	0	57.4	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5361	18	59.9	D2-9	-	-	0	0	70.7	0	57.3	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5361	19	62.6	D2-9	-	-	0	0	70.5	0	57.3	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5361	20	65.3	D2-9	-	-	0	0	70.5	0	57.2	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5361	21	68.0	D2-9	-	-	0	0	70.4	0	57.2	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5361	22	70.7	D2-9	-	-	0	0	70.3	0	57.1	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5361	23	73.4	D2-9	-	-	0	0	70.2	0	57.1	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5361	24	76.1	D2-9	-	-	0	0	70.1	0	57	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5361	25	78.8	D2-9	-	-	0	0	70	0	57	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5361	26	81.5	D2-9	-	-	0	0	69.9	0	56.9	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5361	27	84.2	D2-9	-	-	0	0	69.8	0	56.9	0	0	70	70	70	N	-	-	-	-	-	N
R5361	28	86.9	D2-9	-	-	0	0	69.7	0	56.8	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5361	29	89.6	D2-9	-	-	0	0	69.6	0	56.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5361	30	92.3	D2-9	-	-	0	0	69.5	0	56.7	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5362	1	14.0	D2-9	-	-	0	0	67.6	0	53.2	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5362	2	16.7	D2-9	-	-	0	0	69.5	0	53.2	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5362	3	19.4	D2-9	-	-	0	0	71.2	0	53.1	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5362	4	22.1	D2-9	-	-	0	0	72	0	53.1	0	0	72	72	70	Y	-	-	-	-	-	Y
R5362	5	24.8	D2-9	-	-	0	0	72.4	0	53.1	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5362	6	27.5	D2-9	-	-	0	0	72.6	0	53.1	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5362	7	30.2	D2-9	-	-	0	0	72.6	0	53.1	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5362	8	32.9	D2-9	-	-	0	0	72.6	0	53.1	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5362	9	35.6	D2-9	-	-	0	0	72.5	0	53.1	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5362	10	38.3	D2-9	-	-	0	0	72.5	0	53.1	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5362	11	41.0	D2-9	-	-	0	0	72.4	0	53	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5362	12	43.7	D2-9	-	-	0	0	72.3	0	53	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5362	13	46.4	D2-9	-	-	0	0	72.1	0	53	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5362	14	49.1	D2-9	-	-	0	0	72	0	53	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5362	15	51.8	D2-9	-	-	0	0	71.9	0	53	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5362	16	54.5	D2-9	-	-	0	0	71.8	0	52.9	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5362	17	57.2	D2-9	-	-	0	0	71.6	0	52.9	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5362	18	59.9	D2-9	-	-	0	0	71.5	0	52.9	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5362	19	62.6	D2-9	-	-	0	0	71.4	0	52.9	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5362	20	65.3	D2-9	-	-	0	0	71.2	0	52.8	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5362	21	68.0	D2-9	-	-	0	0	71.1	0	52.8	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5362	22	70.7	D2-9	-	-	0	0	71	0	52.8	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5362	23	73.4	D2-9	-	-	0	0	70.9	0	52.8	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5362	24	76.1	D2-9	-	-	0	0	70.7	0	52.7	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5362	25	78.8	D2-9	-	-	0	0	70.6	0	52.7	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5362	26	81.5	D2-9	-	-	0	0	70.5	0	52.7	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5362	27	84.2	D2-9	-	-	0	0	70.4	0	52.6	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5362	28	86.9	D2-9	-	-	0	0	70.3	0	52.6	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5362	29	89.6	D2-9	-	-	0	0	70.2	0	52.6	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5362	30	92.3	D2-9	-	-	0	0	70	0	52.5	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5363	1	14.0	D2-9	-	-	0	0	69	7.5	49.8	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5363	2	16.7	D2-9	-	-	0	0	70.7	7.6	49.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5363	3	19.4	D2-9	-	-	0	0	71.9	7.7	49.8	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5363	4	22.1	D2-9	-	-	0	0	72.5	7.7	49.8	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5363	5	24.8	D2-9	-	-	0	0	72.8	7.7	49.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5363	6	27.5	D2-9	-	-	0	0	72.9	7.7	49.8	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5363	7	30.2	D2-9	-	-	0	0	72.8	7.7	49.8	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5363	8	32.9	D2-9	-	-	0	0	72.8	7.7	49.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5363	9	35.6	D2-9	-	-	0	0	72.7	7.7	49.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5363	10	38.3	D2-9	-	-	0	0	72.6	7.7	49.8	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5363	11	41.0	D2-9	-	-	0	0	72.5	7.8	49.8	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5363	12	43.7	D2-9	-	-	0	0	72.4	7.8	49.8	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5363	13	46.4	D2-9	-	-	0	0	72.3	7.8	49.7	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5363	14	49.1	D2-9	-	-	0	0	72.2	7.7	49.7	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5363	15	51.8	D2-9	-	-	0	0	72	7.7	49.7	0	0	72	72	70	Y	-	-	-	-	-	Y
R5363	16	54.5	D2-9	-	-	0	0	71.9	7.7	49.7	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5363	17	57.2	D2-9	-	-	0	0	71.8	7.7	49.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5363	18	59.9	D2-9	-	-	0	0	71.6	7.7	49.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5363	19	62.6	D2-9	-	-	0	0	71.5	7.7	49.7	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5363	20	65.3	D2-9	-	-	0	0	71.4	7.7	49.6	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5363	21	68.0	D2-9	-	-	0	0	71.2	7.7	49.6	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5363	22	70.7	D2-9	-	-	0	0	71.1	7.7	49.6	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5363	23	73.4	D2-9	-	-	0	0	71	7.7	49.6	0	0	71	71	70	Y	-	-	-	-	-	Y
R5363	24	76.1	D2-9	-	-	0	0	70.9	7.8	49.6	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5363	25	78.8	D2-9	-	-	0	0	70.8	7.8	49.6	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5363	26	81.5	D2-9	-	-	0	0	70.6	7.8	49.5	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5363	27	84.2	D2-9	-	-	0	0	70.5	7.7	49.5	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5363	28	86.9	D2-9	-	-	0	0	70.4	7.7	49.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5363	29	89.6	D2-9	-	-	0	0	70.3	7.7	49.5	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5363	30	92.3	D2-9	-	-	0	0	70.2	7.7	49.5	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5364	1	14.0	D2-9	-	-	16.9	0	69.6	11	41.7	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5364	2	16.7	D2-9	-	-	16.9	0	70.4	11	41.7	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5364	3	19.4	D2-9	-	-	16.9	0	71	10.9	41.7	0	0	71	71	70	Y	-	-	-	-	-	Y
R5364	4	22.1	D2-9	-	-	16.9	0	71.4	10.8	41.7	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5364	5	24.8	D2-9	-	-	16.9	0	71.7	11	41.7	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5364	6	27.5	D2-9	-	-	16.9	0	71.8	11.1	41.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5364	7	30.2	D2-9	-	-	16.9	0	71.8	11.1	41.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5364	8	32.9	D2-9	-	-	16.9	0	71.8	11.2	41.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5364	9	35.6	D2-9	-	-	16.9	0	71.8	11.3	41.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5364	10	38.3	D2-9	-	-	16.9	0	71.7	11.3	41.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5364	11	41.0	D2-9	-	-	16.9	0	71.7	11.3	41.6	0	0	71.7	71.7	70	Y	-	-	-	-	-	Y
R5364	12	43.7	D2-9	-	-	16.9	0	71.6	11.3	41.6	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	Mitigation Measures
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5364	13	46.4	D2-9	-	-	16.8	0	71.5	11.4	41.6	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5364	14	49.1	D2-9	-	-	16.9	0	71.4	11.5	41.6	0	0	71.4	71.4	70	Y	-	-	-	-	-	Y
R5364	15	51.8	D2-9	-	-	16.9	0	71.3	11.6	41.6	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5364	16	54.5	D2-9	-	-	16.9	0	71.2	11.7	41.6	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5364	17	57.2	D2-9	-	-	16.9	0	71.1	11.8	41.6	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5364	18	59.9	D2-9	-	-	16.9	0	71	11.8	41.6	0	0	71	71	70	Y	-	-	-	-	-	Y
R5364	19	62.6	D2-9	-	-	16.8	0	70.9	12	41.6	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5364	20	65.3	D2-9	-	-	16.8	0	70.8	12.2	41.6	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5364	21	68.0	D2-9	-	-	16.8	0	70.7	12.3	41.6	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5364	22	70.7	D2-9	-	-	16.8	0	70.6	12.5	41.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5364	23	73.4	D2-9	-	-	16.8	0	70.5	12.8	41.6	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5364	24	76.1	D2-9	-	-	16.8	0	70.4	13.1	41.5	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5364	25	78.8	D2-9	-	-	16.8	0	70.3	13.3	41.5	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5364	26	81.5	D2-9	-	-	16.7	0	70.2	13.6	41.5	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5364	27	84.2	D2-9	-	-	16.7	0	70.1	13.9	41.5	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5364	28	86.9	D2-9	-	-	16.6	0	70	14.1	41.5	0	0	70	70	70	N	-	-	-	-	-	N
R5364	29	89.6	D2-9	-	-	16.7	0	69.9	14.5	41.5	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5364	30	92.3	D2-9	-	-	16.7	0	69.8	14.8	41.5	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5365	1	14.0	D2-9	-	-	50.4	0	70	12.3	0	0	0	70	70.1	70	N	-	-	-	-	-	N
R5365	2	16.7	D2-9	-	-	51	0	70.8	12.3	0	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5365	3	19.4	D2-9	-	-	51.6	0	71.3	12.3	0	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5365	4	22.1	D2-9	-	-	52.3	0	71.6	12.3	0	0	0	71.6	71.7	70	Y	-	-	-	-	-	Y
R5365	5	24.8	D2-9	-	-	53	0	71.8	12.2	0	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5365	6	27.5	D2-9	-	-	53.8	0	71.9	12.1	0	0	0	71.9	72	70	Y	-	-	-	-	-	Y
R5365	7	30.2	D2-9	-	-	54.6	0	71.9	12.3	0	0	0	71.9	72	70	Y	-	-	-	-	-	Y
R5365	8	32.9	D2-9	-	-	55.4	0	71.9	12.3	0	0	0	71.9	72	70	Y	-	-	-	-	-	Y
R5365	9	35.6	D2-9	-	-	56.1	0	71.8	12.3	0	0	0	71.8	72	70	Y	-	-	-	-	-	Y
R5365	10	38.3	D2-9	-	-	56.7	0	71.7	12.3	0	0	0	71.7	71.9	70	Y	-	-	-	-	-	Y
R5365	11	41.0	D2-9	-	-	57.1	0	71.7	12.4	0	0	0	71.7	71.8	70	Y	-	-	-	-	-	Y
R5365	12	43.7	D2-9	-	-	57.5	0	71.6	12.4	0	0	0	71.6	71.8	70	Y	-	-	-	-	-	Y
R5365	13	46.4	D2-9	-	-	57.8	0	71.5	12.5	0	0	0	71.5	71.7	70	Y	-	-	-	-	-	Y
R5365	14	49.1	D2-9	-	-	58.1	0	71.4	12.5	0	0	0	71.4	71.6	70	Y	-	-	-	-	-	Y
R5365	15	51.8	D2-9	-	-	58.3	0	71.3	12.6	0	0	0	71.3	71.5	70	Y	-	-	-	-	-	Y
R5365	16	54.5	D2-9	-	-	58.4	0	71.2	12.6	0	0	0	71.2	71.4	70	Y	-	-	-	-	-	Y
R5365	17	57.2	D2-9	-	-	58.6	0	71.1	12.7	0	0	0	71.1	71.3	70	Y	-	-	-	-	-	Y
R5365	18	59.9	D2-9	-	-	58.7	0	71	12.9	0	0	0	71	71.2	70	Y	-	-	-	-	-	Y
R5365	19	62.6	D2-9	-	-	58.7	0	70.9	13.2	0	0	0	70.9	71.1	70	Y	-	-	-	-	-	Y
R5365	20	65.3	D2-9	-	-	58.8	0	70.8	13.4	0	0	0	70.8	71	70	Y	-	-	-	-	-	Y
R5365	21	68.0	D2-9	-	-	58.8	0	70.7	13.6	0	0	0	70.7	70.9	70	Y	-	-	-	-	-	Y
R5365	22	70.7	D2-9	-	-	58.9	0	70.5	13.8	0	0	0	70.5	70.8	70	Y	-	-	-	-	-	Y
R5365	23	73.4	D2-9	-	-	58.9	0	70.4	14.1	0	0	0	70.4	70.7	70	Y	-	-	-	-	-	Y
R5365	24	76.1	D2-9	-	-	58.9	0	70.3	14.5	0	0	0	70.3	70.6	70	Y	-	-	-	-	-	Y
R5365	25	78.8	D2-9	-	-	58.9	0	70.2	14.8	0	0	0	70.2	70.5	70	Y	-	-	-	-	-	Y
R5365	26	81.5	D2-9	-	-	59	0	70.1	15	0	0	0	70.1	70.4	70	N	-	-	-	-	-	N
R5365	27	84.2	D2-9	-	-	59	0	70	15.4	0	0	0	70	70.3	70	N	-	-	-	-	-	N
R5365	28	86.9	D2-9	-	-	59	0	69.9	15.8	0	0	0	69.9	70.3	70	N	-	-	-	-	-	N
R5365	29	89.6	D2-9	-	-	59	0	69.8	16.3	0	0	0	69.8	70.2	70	N	-	-	-	-	-	N
R5365	30	92.3	D2-9	-	-	59	0	69.7	16.7	0	0	0	69.7	70.1	70	N	-	-	-	-	-	N
R5366	1	14.0	D2-9	-	-	58	0	70.2	13.4	0	0	0	70.2	70.4	70	N	-	-	-	-	-	N
R5366	2	16.7	D2-9	-	-	58.3	0	70.9	13.4	0	0	0	70.9	71.1	70	Y	-	-	-	-	-	Y
R5366	3	19.4	D2-9	-	-	58.8	0	71.3	13.4	0	0	0	71.3	71.6	70	Y	-	-	-	-	-	Y
R5366	4	22.1	D2-9	-	-	59.3	0	71.7	13.4	0	0	0	71.7	71.9	70	Y	-	-	-	-	-	Y
R5366	5	24.8	D2-9	-	-	59.7	0	71.8	13.4	0	0	0	71.8	72.1	70	Y	-	-	-	-	-	Y
R5366	6	27.5	D2-9	-	-	60.1	0	72	13.4	0	0	0	72	72.2	70	Y	-	-	-	-	-	Y
R5366	7	30.2	D2-9	-	-	60.5	0	72	13.4	0	0	0	72	72.3	70	Y	-	-	-	-	-	Y
R5366	8	32.9	D2-9	-	-	60.8	0	72	13.4	0	0	0	72	72.3	70	Y	-	-	-	-	-	Y
R5366	9	35.6	D2-9	-	-	61.2	0	72	13.5	0	0	0	72	72.4	70	Y	-	-	-	-	-	Y
R5366	10	38.3	D2-9	-	-	61.5	0	72	13.4	0	0	0	72	72.4	70	Y	-	-	-	-	-	Y
R5366	11	41.0	D2-9	-	-	61.8	0	71.9	13.5	0	0	0	71.9	72.3	70	Y	-	-	-	-	-	Y
R5366	12	43.7	D2-9	-	-	62	0	71.9	13.5	0	0	0	71.9	72.3	70	Y	-	-	-	-	-	Y
R5366	13	46.4	D2-9	-	-	62.2	0	71.8	13.5	0	0	0	71.8	72.2	70	Y	-	-	-	-	-	Y
R5366	14	49.1	D2-9	-	-	62.4	0	71.7	13.6	0	0	0	71.7	72.2	70	Y	-	-	-	-	-	Y
R5366	15	51.8	D2-9	-	-	62.5	0	71.6	13.5	0	0	0	71.6	72.1	70	Y	-	-	-	-	-	Y
R5366	16	54.5	D2-9	-	-	62.6	0	71.5	13.8	0	0	0	71.5	72	70	Y	-	-	-	-	-	Y
R5366	17	57.2	D2-9	-	-	62.6	0	71.4	14	0	0	0	71.4	71.9	70	Y	-	-	-	-	-	Y
R5366	18	59.9	D2-9	-	-	62.7	0	71.3	14.4	0	0	0	71.3	71.8	70	Y	-	-	-	-	-	Y
R5366	19	62.6	D2-9	-	-	62.7	0	71.2	14.5	0	0	0	71.2	71.8	70	Y	-	-	-	-	-	Y
R5366	20	65.3	D2-9	-	-	62.7	0	71.1	14.9	0	0	0	71.1	71.7	70	Y	-	-	-	-	-	Y
R5366	21	68.0	D2-9	-	-	62.8	0	71	15.2	0	0	0	71	71.6	70	Y	-	-	-	-	-	Y
R5366	22	70.7	D2-9	-	-	62.8	0	70.9	15.4	0	0	0	70.9	71.5	70	Y	-	-	-	-	-	Y
R5366	23	73.4	D2-9	-	-	62.8	0	70.8	15.8	0	0	0	70.8	71.4	70	Y	-	-	-	-	-	Y
R5366	24	76.1	D2-9	-	-	62.8	0	70.7	16.1	0	0	0	70.7	71.3	70	Y	-	-	-	-	-	Y
R5366	25	78.8	D2-9	-	-	62.8	0	70.6	16.5	0	0	0	70.6	71.3	70	Y	-	-	-	-	-	Y
R5366	26	81.5	D2-9	-	-	62.8	0	70.5	16.9	0	0	0	70.5	71.2	70	Y	-	-	-	-	-	Y
R5366	27	84.2	D2-9	-	-	62.8	0	70.4	17.4	0	0	0	70.4	71.1	70	Y	-	-	-	-	-	Y
R5366	28	86.9	D2-9	-	-	62.9	0	70.3	17.8	0	0	0	70.3	71	70	Y	-	-	-	-	-	Y
R5366	29	89.6	D2-9	-	-	62.9	0	70.2	18.3	0	0	0	70.2	70.9	70	Y	-	-	-	-	-	Y
R5366	30	92.3	D2-9	-	-	62.8	0	70.1	18.6	0	0	0	70.1	70.9	70	Y	-	-	-	-	-	Y
R5367	1	14.0	D2-9	-	-	53.2	0	0	0	69.3	0	0	69.3	69.4	70	N	-	-	-	-	-	N
R5367	2	16.7	D2-9	-	-	53.6	0	0	0	69.2	0	0	69.2	69.4	70	N	-	-	-	-	-	N
R5367	3	19.4	D2-9	-	-	53.8	0	0	0	69.2	0	0	69.2	69.3	70	N	-	-	-	-	-	N
R5367	4	22.1	D2-9	-	-	54	0	0	0	69.1	0	0	69.1	69.3	70	N	-	-	-	-	-	N
R5367	5	24.8	D2-9	-	-	54.2	0	0	0	69.1	0	0	69.1	69.2	70	N	-	-	-	-	-	N
R5367	6	27.5	D2-9	-	-	54.3	0	0	0	69	0	0	69	69.1	70	N	-	-	-	-	-	N
R5367	7	30.2	D2-9	-	-	54.4	0	0	0	68.9	0	0	68.9	69.1	70	N	-	-	-	-	-	N
R5367	8	32.9	D2-9	-	-	54.4	0	0	0	68.8	0	0	68.8	68.9	70	N	-	-	-	-	-	N
R5367	9	35.6	D2-9	-	-	54.5	0	0	0	68.7	0	0	68.7	68.9	70	N	-	-	-	-	-	N
R5367	10	38.3	D2-9	-	-	54.5	0	0	0	68.6	0	0	68.6	68.8	70	N	-	-	-	-	-	N
R5367	11	41.0	D2-9	-	-	54.5	0	0	0	68.5	0	0	68.5	68.7	70	N	-	-	-	-	-	N
R5367	12	43.7	D2-9	-	-	54.6	0	0	0	68.4	0	0	68.4	68.6	70	N	-	-	-	-	-	N
R5367	13	46.4	D2-9	-	-	54.6	0	0	0	68.3	0	0	68.3	68.5	70	N	-	-	-	-	-	N
R5367	14	49.1	D2-9	-	-	54.6	0	0	0	68.2	0	0	68.2	68.4	70	N	-	-	-	-	-	N
R5367	15	51.8	D2-9	-	-	54.6	0	0	0	68.1	0	0	68.1	68.3	70	N	-	-	-	-	-	N
R5367	16	54.5	D2-9	-	-	54.7	0	0	0	68	0	0	68	68.2	70	N	-	-	-	-	-	N
R5367	17	57.2	D2-9	-	-	54.6	0	0	0	67.9	0	0	67.9	68.1	70	N	-	-	-	-	-	N
R5367	18	59.9	D2-9	-	-	54.7	0	0	0	67.8	0	0	67.8	68	70	N	-	-	-	-	-	N
R5367	19	62.6	D2-9	-	-	54.7	0	0	0	67.6	0	0	67.6	67.8	70	N	-	-	-	-	-	N
R5367	20	65.3	D2-9	-	-	54.7	0	0	0	67.5	0	0	67.5	67.7	70	N	-	-	-	-	-	N
R5367	21	68.0	D2-9	-	-	54.7	0	0	0	67.4	0	0	67.4	67.6	70	N	-	-	-	-	-	N
R5367	22	70.7	D2-9	-	-	54.7	0	0	0	67.3	0	0	67.3	67.5	70	N	-	-	-	-	-	N
R5367	23	73.4	D2-9	-	-	54.7	0	0	0	67.2	0	0	67.2	67.4	70	N	-	-	-	-	-	N
R5367	24	76.1	D2-9	-	-	54.7	0	0	0	67.1	0	0	67.1	67.3	70	N	-	-	-	-	-	N
R5367	25	78.8	D2-9	-	-	54.7	0	0	0	67	0	0	67	67.2	70	N	-	-	-	-	-	N
R5367	26	81.5	D2-9	-	-	54.8	0	0	0	66.9	0	0	66.9	67.1	70	N	-	-	-	-	-	N
R5367	27	84.2	D2-9	-	-	54.9	0	0	0	66.8	0	0	66.8	67.1	70	N	-	-	-	-	-	N
R5367	28	86.9	D2-9	-	-	55	0	0	0	66.7	0	0	66.7	67	70	N	-	-	-	-	-	N
R5367	29	89.6	D2-9	-	-	55.3	0	0	0	66.6	0	0	66.6	66.9	70	N	-	-	-	-	-	N
R5367	30	92.3	D2-9	-	-	55.7	0	0	0	66.5	0	0	66.5	66.8	70	N	-	-	-	-	-	N
R5367	31	95.0	D2-9	-	-	56.1	0	0	0	66.4	0	0	66.4	66.8	70	N	-	-	-	-	-	N
R5367	32	97.7	D2-9	-	-	56.4	0	0	0	66.3	0	0	66.3	66.7	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5367	33	100.4	D2-9	-	-	56.6	0	0	0	66.2	0	0	66.2	66.7	70	N	-	-	-	-	-	N
R5367	34	103.1	D2-9	-	-	56.9	0	0	0	66.1	0	0	66.1	66.6	70	N	-	-	-	-	-	N
R5367	35	105.8	D2-9	-	-	57.2	0	0	0	66	0	0	66	66.6	70	N	-	-	-	-	-	N
R5368	1	14.0	D2-9	-	-	24.1	0	44.7	5.3	44.3	0	0	47.5	47.5	70	N	-	-	-	-	-	N
R5368	2	16.7	D2-9	-	-	24.9	0	45.1	5.3	44.5	0	0	47.8	47.8	70	N	-	-	-	-	-	N
R5368	3	19.4	D2-9	-	-	26	0	45.7	5.3	44.7	0	0	48.3	48.3	70	N	-	-	-	-	-	N
R5368	4	22.1	D2-9	-	-	27.5	0	45.8	5.2	45.2	0	0	48.5	48.5	70	N	-	-	-	-	-	N
R5368	5	24.8	D2-9	-	-	29.4	0	46.1	5.3	45.8	0	0	49	49	70	N	-	-	-	-	-	N
R5368	6	27.5	D2-9	-	-	32.2	0	46.4	5.2	46.6	0	0	49.5	49.6	70	N	-	-	-	-	-	N
R5368	7	30.2	D2-9	-	-	35	0	46.8	5.2	47.9	0	0	50.4	50.5	70	N	-	-	-	-	-	N
R5368	8	32.9	D2-9	-	-	37	0	47.1	5.2	49.9	0	0	51.7	51.9	70	N	-	-	-	-	-	N
R5368	9	35.6	D2-9	-	-	39.4	0	47.4	5.2	53.8	0	0	54.7	54.8	70	N	-	-	-	-	-	N
R5368	10	38.3	D2-9	-	-	42.5	0	47.7	5.2	56.5	0	0	57.1	57.2	70	N	-	-	-	-	-	N
R5368	11	41.0	D2-9	-	-	45.5	0	48	5.2	58.2	0	0	58.6	58.8	70	N	-	-	-	-	-	N
R5368	12	43.7	D2-9	-	-	47.3	0	48.3	5.2	59.3	0	0	59.6	59.9	70	N	-	-	-	-	-	N
R5368	13	46.4	D2-9	-	-	48.1	0	48.5	5.2	60.3	0	0	60.6	60.9	70	N	-	-	-	-	-	N
R5368	14	49.1	D2-9	-	-	48.3	0	48.7	5.2	61.2	0	0	61.5	61.7	70	N	-	-	-	-	-	N
R5368	15	51.8	D2-9	-	-	48.3	0	49	5.1	61.7	0	0	62	62.2	70	N	-	-	-	-	-	N
R5368	16	54.5	D2-9	-	-	48.3	0	49.2	5.1	62	0	0	62.3	62.4	70	N	-	-	-	-	-	N
R5368	17	57.2	D2-9	-	-	48.3	0	49.3	5.1	62.4	0	0	62.6	62.8	70	N	-	-	-	-	-	N
R5368	18	59.9	D2-9	-	-	48.3	0	49.5	4.6	62.9	0	0	63.1	63.2	70	N	-	-	-	-	-	N
R5368	19	62.6	D2-9	-	-	48.3	0	49.6	5.1	63.3	0	0	63.5	63.6	70	N	-	-	-	-	-	N
R5368	20	65.3	D2-9	-	-	48.3	0	49.7	5.1	63.6	0	0	63.7	63.9	70	N	-	-	-	-	-	N
R5368	21	68.0	D2-9	-	-	48.3	0	49.9	5.1	63.7	0	0	63.9	64	70	N	-	-	-	-	-	N
R5368	22	70.7	D2-9	-	-	48.3	0	50	5.1	63.8	0	0	64	64.1	70	N	-	-	-	-	-	N
R5368	23	73.4	D2-9	-	-	48.2	0	50.1	5.2	63.8	0	0	64	64.1	70	N	-	-	-	-	-	N
R5368	24	76.1	D2-9	-	-	48.2	0	50.2	4.8	63.8	0	0	64	64.1	70	N	-	-	-	-	-	N
R5368	25	78.8	D2-9	-	-	48.2	0	50.3	5.2	63.8	0	0	63.9	64.1	70	N	-	-	-	-	-	N
R5368	26	81.5	D2-9	-	-	48.2	0	50.3	5.3	63.7	0	0	63.9	64	70	N	-	-	-	-	-	N
R5368	27	84.2	D2-9	-	-	48.2	0	50.4	6	63.7	0	0	63.9	64	70	N	-	-	-	-	-	N
R5368	28	86.9	D2-9	-	-	48.2	0	50.4	6.6	63.7	0	0	63.9	64	70	N	-	-	-	-	-	N
R5368	29	89.6	D2-9	-	-	48.2	0	50.5	7.3	63.6	0	0	63.9	64	70	N	-	-	-	-	-	N
R5368	30	92.3	D2-9	-	-	48.2	0	50.5	8	63.6	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5368	31	95.0	D2-9	-	-	48.2	0	50.5	8.5	63.6	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5368	32	97.7	D2-9	-	-	48.1	0	50.6	8.9	63.6	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5368	33	100.4	D2-9	-	-	48.1	0	50.6	9.4	63.6	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5368	34	103.1	D2-9	-	-	48.1	0	50.7	9.7	63.6	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5368	35	105.8	D2-9	-	-	48.1	0	50.7	10	63.5	0	0	63.7	63.9	70	N	-	-	-	-	-	N
R5369	1	14.0	D2-9	-	-	34.6	0	49.6	10.9	63.7	0	0	63.8	63.8	70	N	-	-	-	-	-	N
R5369	2	16.7	D2-9	-	-	35.6	0	50.2	10.9	63.6	0	0	63.8	63.8	70	N	-	-	-	-	-	N
R5369	3	19.4	D2-9	-	-	36.3	0	50.7	10.9	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	4	22.1	D2-9	-	-	36.9	0	50.9	10.9	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	5	24.8	D2-9	-	-	37.5	0	51.4	10.9	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	6	27.5	D2-9	-	-	38.1	0	51.9	10.9	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	7	30.2	D2-9	-	-	38.6	0	52.2	10.9	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	8	32.9	D2-9	-	-	39.3	0	52.6	10.8	63.6	0	0	63.9	63.9	70	N	-	-	-	-	-	N
R5369	9	35.6	D2-9	-	-	40.6	0	53	10.8	63.6	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	10	38.3	D2-9	-	-	42.4	0	53.3	10.8	63.5	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	11	41.0	D2-9	-	-	44.5	0	53.6	10.8	63.5	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	12	43.7	D2-9	-	-	45.5	0	53.9	10.8	63.5	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	13	46.4	D2-9	-	-	45.8	0	54.1	10.8	63.5	0	0	64	64	70	N	-	-	-	-	-	N
R5369	14	49.1	D2-9	-	-	46	0	54.4	10.8	63.4	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	15	51.8	D2-9	-	-	46	0	54.5	10.8	63.4	0	0	64	64	70	N	-	-	-	-	-	N
R5369	16	54.5	D2-9	-	-	46	0	54.7	10.8	63.4	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	17	57.2	D2-9	-	-	46	0	54.8	11	63.4	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	18	59.9	D2-9	-	-	46	0	54.9	12.2	63.4	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	19	62.6	D2-9	-	-	46	0	55.1	13.3	63.3	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	20	65.3	D2-9	-	-	46	0	55.2	14.7	63.3	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	21	68.0	D2-9	-	-	46	0	55.3	16.1	63.3	0	0	63.9	64	70	N	-	-	-	-	-	N
R5369	22	70.7	D2-9	-	-	46	0	55.3	17.4	63.2	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5369	23	73.4	D2-9	-	-	46	0	55.4	18.7	63.1	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5369	24	76.1	D2-9	-	-	46	0	55.5	20.2	63.1	0	0	63.8	63.9	70	N	-	-	-	-	-	N
R5369	25	78.8	D2-9	-	-	46	0	55.5	21.7	63	0	0	63.7	63.8	70	N	-	-	-	-	-	N
R5369	26	81.5	D2-9	-	-	46	0	55.5	23.3	63	0	0	63.7	63.8	70	N	-	-	-	-	-	N
R5369	27	84.2	D2-9	-	-	45.9	0	55.6	25	63	0	0	63.7	63.8	70	N	-	-	-	-	-	N
R5369	28	86.9	D2-9	-	-	45.9	0	55.7	27	62.9	0	0	63.7	63.7	70	N	-	-	-	-	-	N
R5369	29	89.6	D2-9	-	-	45.9	0	55.7	29.1	62.9	0	0	63.6	63.7	70	N	-	-	-	-	-	N
R5369	30	92.3	D2-9	-	-	45.9	0	55.8	31.8	62.8	0	0	63.6	63.7	70	N	-	-	-	-	-	N
R5369	31	95.0	D2-9	-	-	45.9	0	55.8	35.4	62.8	0	0	63.6	63.7	70	N	-	-	-	-	-	N
R5369	32	97.7	D2-9	-	-	45.9	0	55.9	38.5	62.8	0	0	63.6	63.7	70	N	-	-	-	-	-	N
R5369	33	100.4	D2-9	-	-	45.9	0	56	40	62.7	0	0	63.5	63.6	70	N	-	-	-	-	-	N
R5369	34	103.1	D2-9	-	-	45.9	0	56.1	40.5	62.6	0	0	63.5	63.6	70	N	-	-	-	-	-	N
R5369	35	105.8	D2-9	-	-	45.9	0	56.4	40.6	62.6	0	0	63.5	63.6	70	N	-	-	-	-	-	N
R5381	1	15.0	D2-12	-	-	58.6	0	67	14.7	0	0	0	67	67.5	70	N	-	-	-	-	-	N
R5381	2	17.7	D2-12	-	-	59	0	67.4	14.7	0	0	0	67.4	68	70	N	-	-	-	-	-	N
R5381	3	20.4	D2-12	-	-	59.4	0	67.7	14.7	0	0	0	67.7	68.3	70	N	-	-	-	-	-	N
R5381	4	23.1	D2-12	-	-	59.8	0	68	14.7	0	0	0	68	68.6	70	N	-	-	-	-	-	N
R5381	5	25.8	D2-12	-	-	60.2	0	68.3	14.6	0	0	0	68.3	68.9	70	N	-	-	-	-	-	N
R5381	6	28.5	D2-12	-	-	60.7	0	68.5	14.6	0	0	0	68.5	69.2	70	N	-	-	-	-	-	N
R5381	7	31.2	D2-12	-	-	61.2	0	68.7	14.6	0	0	0	68.7	69.4	70	N	-	-	-	-	-	N
R5381	8	33.9	D2-12	-	-	61.6	0	68.9	14.5	0	0	0	68.9	69.6	70	N	-	-	-	-	-	N
R5381	9	36.6	D2-12	-	-	61.9	0	68.9	14.5	0	0	0	68.9	69.7	70	N	-	-	-	-	-	N
R5381	10	39.3	D2-12	-	-	62.1	0	69	14.2	0	0	0	69	69.8	70	N	-	-	-	-	-	N
R5381	11	42.0	D2-12	-	-	62.3	0	69.1	14.7	0	0	0	69.1	69.9	70	N	-	-	-	-	-	N
R5381	12	44.7	D2-12	-	-	62.4	0	69.1	14.8	0	0	0	69.1	69.9	70	N	-	-	-	-	-	N
R5381	13	47.4	D2-12	-	-	62.5	0	69.1	15.1	0	0	0	69.1	69.9	70	N	-	-	-	-	-	N
R5381	14	50.1	D2-12	-	-	62.6	0	69.1	15.8	0	0	0	69.1	70	70	N	-	-	-	-	-	N
R5381	15	52.8	D2-12	-	-	62.6	0	69.1	16.6	0	0	0	69.1	70	70	N	-	-	-	-	-	N
R5382	1	15.0	D2-12	-	-	60.9	0	68	17.7	0	0	0	68	68.8	70	N	-	-	-	-	-	N
R5382	2	17.7	D2-12	-	-	61.3	0	68.4	17.7	0	0	0	68.4	69.1	70	N	-	-	-	-	-	N
R5382	3	20.4	D2-12	-	-	61.7	0	68.6	17.6	0	0	0	68.6	69.5	70	N	-	-	-	-	-	N
R5382	4	23.1	D2-12	-	-	62.2	0	68.9	17.6	0	0	0	68.9	69.8	70	N	-	-	-	-	-	N
R5382	5	25.8	D2-12	-	-	62.8	0	69.2	17.6	0	0	0	69.2	70.1	70	N	-	-	-	-	-	N
R5382	6	28.5	D2-12	-	-	63.1	0	69.4	17.6	0	0	0	69.4	70.3	70	N	-	-	-	-	-	N
R5382	7	31.2	D2-12	-	-	63.3	0	69.5	17.5	0	0	0	69.5	70.4	70	N	-	-	-	-	-	N
R5382	8	33.9	D2-12	-	-	63.5	0	69.5	17.5	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	9	36.6	D2-12	-	-	63.6	0	69.5	17.4	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	10	39.3	D2-12	-	-	63.6	0	69.5	17.4	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	11	42.0	D2-12	-	-	63.6	0	69.5	17.3	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	12	44.7	D2-12	-	-	63.6	0	69.5	17.2	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	13	47.4	D2-12	-	-	63.7	0	69.5	17.9	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5382	14	50.1	D2-12	-	-	63.7	0	69.6	18.6	0	0	0	69.6	70.6	70	Y	-	-	-	-	-	Y
R5382	15	52.8	D2-12	-	-	63.7	0	69.5	19.4	0	0	0	69.5	70.5	70	Y	-	-	-	-	-	Y
R5383	1	15.0	D2-12	-	-	69.9	0	55	46.9	51.5	0	0	57	70.1	70	N	-	-	-	-	-	N
R5383	2	17.7	D2-12	-	-	69.8	0	55	46.7	51.5	0	0	57	70	70	N	-	-	-	-	-	N
R5383	3	20.4	D2-12	-	-	69.7	0	55	46.5	51.5	0	0	57	69.9	70	N	-	-	-	-	-	N
R5383	4	23.1	D2-12	-	-	69.6	0	55	46.2	51.5	0	0	57	69.8	70	N	-	-	-	-	-	N
R5383	5	25.8	D2-12	-	-	69.4	0	55.1	46.1	51.5	0	0	57	69.7	70	N	-	-	-	-	-	N
R5383	6	28.5	D2-12	-	-	69.3	0	55.1	45.8	51.5	0	0	57	69.5	70	N	-	-	-	-	-	N
R5383	7	31.2	D2-12	-	-	69.1	0	55.1	45.5	51.5	0	0	57	69.4	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																		
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5383	8	33.9	D2-12	-	-	68.9	0	55.1	45.3	51.5	0	0	57	69.2	70	N	-	-	-	-	-	N
R5383	9	36.6	D2-12	-	-	68.7	0	55.1	45	51.5	0	0	57	69	70	N	-	-	-	-	-	N
R5383	10	39.3	D2-12	-	-	68.6	0	55.1	44.7	51.5	0	0	57	68.9	70	N	-	-	-	-	-	N
R5383	11	42.0	D2-12	-	-	68.4	0	55.1	44.4	51.5	0	0	56.9	68.7	70	N	-	-	-	-	-	N
R5383	12	44.7	D2-12	-	-	68.3	0	55.1	44.1	51.4	0	0	56.9	68.6	70	N	-	-	-	-	-	N
R5383	13	47.4	D2-12	-	-	68.1	0	55.2	43.8	51.4	0	0	56.9	68.4	70	N	-	-	-	-	-	N
R5383	14	50.1	D2-12	-	-	68	0	55.2	43.5	51.4	0	0	56.9	68.3	70	N	-	-	-	-	-	N
R5383	15	52.8	D2-12	-	-	67.9	0	55.2	43.3	51.4	0	0	56.9	68.2	70	N	-	-	-	-	-	N
R5384	1	15.0	D2-12	-	-	70.7	0	51.1	18.8	60.5	0	0	60.9	71.1	70	Y	-	-	-	-	-	Y
R5384	2	17.7	D2-12	-	-	70.7	0	51.1	19.7	60.4	0	0	60.9	71.1	70	Y	-	-	-	-	-	Y
R5384	3	20.4	D2-12	-	-	70.6	0	51.1	20.6	60.4	0	0	60.9	71	70	Y	-	-	-	-	-	Y
R5384	4	23.1	D2-12	-	-	70.5	0	51.1	21.7	60.4	0	0	60.9	70.9	70	Y	-	-	-	-	-	Y
R5384	5	25.8	D2-12	-	-	70.4	0	51.1	22.5	60.3	0	0	60.8	70.8	70	Y	-	-	-	-	-	Y
R5384	6	28.5	D2-12	-	-	70.2	0	51.1	23.5	60.3	0	0	60.8	70.7	70	Y	-	-	-	-	-	Y
R5384	7	31.2	D2-12	-	-	70.1	0	51.1	24.5	60.2	0	0	60.7	70.5	70	Y	-	-	-	-	-	Y
R5384	8	33.9	D2-12	-	-	69.9	0	51.2	25.4	60.1	0	0	60.7	70.4	70	N	-	-	-	-	-	N
R5384	9	36.6	D2-12	-	-	69.8	0	51.2	26.5	60.1	0	0	60.6	70.3	70	N	-	-	-	-	-	N
R5384	10	39.3	D2-12	-	-	69.6	0	51.4	27.6	60	0	0	60.6	70.1	70	N	-	-	-	-	-	N
R5384	11	42.0	D2-12	-	-	69.5	0	51.5	28.7	60	0	0	60.5	70	70	N	-	-	-	-	-	N
R5384	12	44.7	D2-12	-	-	69.3	0	51.7	29.9	59.9	0	0	60.5	69.8	70	N	-	-	-	-	-	N
R5384	13	47.4	D2-12	-	-	69.2	0	51.8	31.1	59.8	0	0	60.4	69.7	70	N	-	-	-	-	-	N
R5384	14	50.1	D2-12	-	-	69	0	51.8	32.6	59.7	0	0	60.3	69.5	70	N	-	-	-	-	-	N
R5384	15	52.8	D2-12	-	-	68.9	0	51.9	34.7	59.6	0	0	60.3	69.4	70	N	-	-	-	-	-	N
R5384	16	55.5	D2-12	-	-	68.7	0	51.9	35.7	59.5	0	0	60.2	69.3	70	N	-	-	-	-	-	N
R5384	17	58.2	D2-12	-	-	68.6	0	51.9	37.2	59.4	0	0	60.1	69.2	70	N	-	-	-	-	-	N
R5384	18	60.9	D2-12	-	-	68.5	0	51.9	38	59.3	0	0	60.1	69.1	70	N	-	-	-	-	-	N
R5384	19	63.6	D2-12	-	-	68.3	0	51.9	38.7	59.2	0	0	60	68.9	70	N	-	-	-	-	-	N
R5384	20	66.3	D2-12	-	-	68.2	0	51.9	39.3	59.1	0	0	59.9	68.8	70	N	-	-	-	-	-	N
R5385	1	15.0	D2-12	-	-	67.6	0	0	0	69.1	0	0	69.1	71.4	70	Y	-	-	-	-	-	Y
R5385	2	17.7	D2-12	-	-	67.6	0	0	0	69.1	0	0	69.1	71.4	70	Y	-	-	-	-	-	Y
R5385	3	20.4	D2-12	-	-	67.5	0	0	0	69.1	0	0	69.1	71.4	70	Y	-	-	-	-	-	Y
R5385	4	23.1	D2-12	-	-	67.4	0	0	0	69	0	0	69	71.3	70	Y	-	-	-	-	-	Y
R5385	5	25.8	D2-12	-	-	67.3	0	0	0	68.9	0	0	68.9	71.2	70	Y	-	-	-	-	-	Y
R5385	6	28.5	D2-12	-	-	67.2	0	0	0	68.9	0	0	68.9	71.1	70	Y	-	-	-	-	-	Y
R5385	7	31.2	D2-12	-	-	67.1	0	0	0	68.8	0	0	68.8	71	70	Y	-	-	-	-	-	Y
R5385	8	33.9	D2-12	-	-	67	0	0	0	68.7	0	0	68.7	70.9	70	Y	-	-	-	-	-	Y
R5385	9	36.6	D2-12	-	-	66.8	0	0	0	68.6	0	0	68.6	70.8	70	Y	-	-	-	-	-	Y
R5385	10	39.3	D2-12	-	-	66.7	0	0	0	68.5	0	0	68.5	70.7	70	Y	-	-	-	-	-	Y
R5385	11	42.0	D2-12	-	-	66.6	0	0	0	68.4	0	0	68.4	70.6	70	Y	-	-	-	-	-	Y
R5385	12	44.7	D2-12	-	-	66.4	0	0	0	68.3	0	0	68.3	70.5	70	Y	-	-	-	-	-	Y
R5385	13	47.4	D2-12	-	-	66.3	0	0	0	68.1	0	0	68.1	70.3	70	N	-	-	-	-	-	N
R5385	14	50.1	D2-12	-	-	66.2	0	0	0	68	0	0	68	70.2	70	N	-	-	-	-	-	N
R5385	15	52.8	D2-12	-	-	66.1	0	0	0	67.9	0	0	67.9	70.1	70	N	-	-	-	-	-	N
R5385	16	55.5	D2-12	-	-	65.9	0	0	0	67.8	0	0	67.8	70	70	N	-	-	-	-	-	N
R5385	17	58.2	D2-12	-	-	65.8	0	0	0	67.7	0	0	67.7	69.8	70	N	-	-	-	-	-	N
R5385	18	60.9	D2-12	-	-	65.7	0	0	0	67.6	0	0	67.6	69.7	70	N	-	-	-	-	-	N
R5385	19	63.6	D2-12	-	-	65.5	0	0	0	67.5	0	0	67.5	69.6	70	N	-	-	-	-	-	N
R5385	20	66.3	D2-12	-	-	65.4	0	0	0	67.4	0	0	67.4	69.5	70	N	-	-	-	-	-	N
R5386	1	15.0	D2-12	-	-	62.3	0	0	0	70.9	0	0	70.9	71.4	70	Y	-	-	-	-	-	Y
R5386	2	17.7	D2-12	-	-	62.4	0	0	0	70.8	0	0	70.8	71.4	70	Y	-	-	-	-	-	Y
R5386	3	20.4	D2-12	-	-	62.5	0	0	0	70.8	0	0	70.8	71.4	70	Y	-	-	-	-	-	Y
R5386	4	23.1	D2-12	-	-	62.6	0	0	0	70.7	0	0	70.7	71.3	70	Y	-	-	-	-	-	Y
R5386	5	25.8	D2-12	-	-	62.6	0	0	0	70.5	0	0	70.5	71.2	70	Y	-	-	-	-	-	Y
R5386	6	28.5	D2-12	-	-	62.6	0	0	0	70.4	0	0	70.4	71.1	70	Y	-	-	-	-	-	Y
R5386	7	31.2	D2-12	-	-	62.6	0	0	0	70.3	0	0	70.3	71	70	Y	-	-	-	-	-	Y
R5386	8	33.9	D2-12	-	-	62.6	0	0	0	70.2	0	0	70.2	70.9	70	Y	-	-	-	-	-	Y
R5386	9	36.6	D2-12	-	-	62.6	0	0	0	70	0	0	70	70.8	70	Y	-	-	-	-	-	Y
R5386	10	39.3	D2-12	-	-	62.5	0	0	0	69.9	0	0	69.9	70.6	70	Y	-	-	-	-	-	Y
R5386	11	42.0	D2-12	-	-	62.5	0	0	0	69.8	0	0	69.8	70.5	70	Y	-	-	-	-	-	Y
R5386	12	44.7	D2-12	-	-	62.4	0	0	0	69.6	0	0	69.6	70.4	70	N	-	-	-	-	-	N
R5386	13	47.4	D2-12	-	-	62.4	0	0	0	69.5	0	0	69.5	70.2	70	N	-	-	-	-	-	N
R5386	14	50.1	D2-12	-	-	62.3	0	0	0	69.3	0	0	69.3	70.1	70	N	-	-	-	-	-	N
R5386	15	52.8	D2-12	-	-	62.3	0	0	0	69.2	0	0	69.2	70	70	N	-	-	-	-	-	N
R5386	16	55.5	D2-12	-	-	62.2	0	0	0	69	0	0	69	69.9	70	N	-	-	-	-	-	N
R5386	17	58.2	D2-12	-	-	62.2	0	0	0	68.9	0	0	68.9	69.7	70	N	-	-	-	-	-	N
R5386	18	60.9	D2-12	-	-	62.2	0	0	0	68.8	0	0	68.8	69.6	70	N	-	-	-	-	-	N
R5386	19	63.6	D2-12	-	-	62.1	0	0	0	68.6	0	0	68.6	69.5	70	N	-	-	-	-	-	N
R5386	20	66.3	D2-12	-	-	62.1	0	0	0	68.5	0	0	68.5	69.4	70	N	-	-	-	-	-	N
R5401	1	17.0	D3-1a	-	-	70.8	0	0	0	64.4	0	0	64.4	71.7	70	Y	-	-	-	-	-	Y
R5401	2	19.7	D3-1a	-	-	70.9	0	0	0	64.4	0	0	64.4	71.8	70	Y	-	-	-	-	-	Y
R5401	3	22.4	D3-1a	-	-	70.9	0	0	0	64.3	0	0	64.3	71.8	70	Y	-	-	-	-	-	Y
R5401	4	25.1	D3-1a	-	-	70.9	0	0	0	64.2	0	0	64.2	71.7	70	Y	-	-	-	-	-	Y
R5401	5	27.8	D3-1a	-	-	70.7	0	0	0	64.1	0	0	64.1	71.6	70	Y	-	-	-	-	-	Y
R5401	6	30.5	D3-1a	-	-	70.6	0	0	0	64	0	0	64	71.4	70	Y	-	-	-	-	-	Y
R5401	7	33.2	D3-1a	-	-	70.4	0	0	0	63.9	0	0	63.9	71.3	70	Y	-	-	-	-	-	Y
R5401	8	35.9	D3-1a	-	-	70.2	0	0	0	63.8	0	0	63.8	71.1	70	Y	-	-	-	-	-	Y
R5401	9	38.6	D3-1a	-	-	70	0	0	0	63.7	0	0	63.7	70.9	70	Y	-	-	-	-	-	Y
R5401	10	41.3	D3-1a	-	-	69.9	0	0	0	63.5	0	0	63.5	70.8	70	Y	-	-	-	-	-	Y
R5401	11	44.0	D3-1a	-	-	69.7	0	0	0	63.3	0	0	63.3	70.6	70	Y	-	-	-	-	-	Y
R5401	12	46.7	D3-1a	-	-	69.5	0	0	0	63.2	0	0	63.2	70.4	70	N	-	-	-	-	-	N
R5401	13	49.4	D3-1a	-	-	69.3	0	0	0	63.1	0	0	63.1	70.3	70	N	-	-	-	-	-	N
R5401	14	52.1	D3-1a	-	-	69.2	0	0	0	62.9	0	0	62.9	70.1	70	N	-	-	-	-	-	N
R5401	15	54.8	D3-1a	-	-	69	0	0	0	62.8	0	0	62.8	70	70	N	-	-	-	-	-	N
R5401	16	57.5	D3-1a	-	-	68.9	0	0	0	62.7	0	0	62.7	69.8	70	N	-	-	-	-	-	N
R5401	17	60.2	D3-1a	-	-	68.7	0	0	0	62.5	0	0	62.5	69.7	70	N	-	-	-	-	-	N
R5401	18	62.9	D3-1a	-	-	68.6	0	0	0	62.3	0	0	62.3	69.5	70	N	-	-	-	-	-	N
R5401	19	65.6	D3-1a	-	-	68.5	0	0	0	62.2	0	0	62.2	69.4	70	N	-	-	-	-	-	N
R5401	20	68.3	D3-1a	-	-	68.3	0	0	0	62.1	0	0	62.1	69.3	70	N	-	-	-	-	-	N
R5401	21	71.0	D3-1a	-	-	68.2	0	0	0	61.9	0	0	61.9	69.1	70	N	-	-	-	-	-	N
R5401	22	73.7	D3-1a	-	-	68.1	0	0	0	61.8	0	0	61.8	69	70	N	-	-	-	-	-	N
R5401	23	76.4	D3-1a	-	-	68	0	0	0	61.7	0	0	61.7	68.9	70	N	-	-	-	-	-	N
R5401	24	79.1	D3-1a	-	-	67.9	0	0	0	61.5	0	0	61.5	68.8	70	N	-	-	-	-	-	N
R5401	25	81.8	D3-1a	-	-	67.8	0	0	0	61.4	0	0	61.4	68.7	70	N	-	-	-	-	-	N
R5402	1	17.0	D3-1a	-	-	66.5	0	18.1	52.8	71.7	0	0	71.8	72.9	70	Y	-	-	-	-	-	Y
R5402	2	19.7	D3-1a	-	-	66.6	0	18.1	52.8	71.6	0	0	71.7	72.8	70	Y	-	-	-	-	-	Y
R5402	3	22.4	D3-1a	-	-	66.6	0	18	52.8	71.5	0	0	71.5	72.7	70	Y	-	-	-	-	-	Y
R5402	4	25.1	D3-1a	-	-	66.5	0	18	52.8	71.3	0	0	71.4	72.6	70	Y	-	-	-	-	-	Y
R5402	5	27.8	D3-1a	-	-	66.5	0	17.6	52.8	71.2	0	0	71.2	72.5	70	Y	-	-	-	-	-	Y
R5402	6	30.5	D3-1a	-	-	66.4	0	17.9	52.8	71	0	0	71	72.3	70	Y	-	-	-	-	-	Y
R5402	7	33.2	D3-1a	-	-	66.3	0	18	52.8	70.8	0	0	70.8	72.1	70	Y	-	-	-	-	-	Y
R5402	8	35.9	D3-1a	-	-	66.2	0	18.2	52.8	70.6	0	0	70.7	72	70	Y	-	-	-	-	-	Y
R5402	9	38.6	D3-1a	-	-	66	0	18.4	52.8	70.4	0	0	70.5	71.8	70	Y	-	-	-	-	-	Y
R5402	10	41.3	D3-1a	-	-	65.9	0	18.6	52.8	70.2	0	0	70.3	71.6	70	Y	-	-	-	-	-	Y
R5402	11	44.0	D3-1a	-	-	65.8	0	18.8	52.8	70	0	0	70.1	71.5	70	Y	-	-	-	-	-	Y
R5402	12	46.7	D3-1a	-	-	65.7	0	19	52.9	69.8	0	0	69.9	71.3	70	Y	-	-	-	-	-	Y
R5402	13	49.4	D3-1a	-	-	65.5	0	19.2	52.9	69.6	0	0	69.7	71.1	70	Y	-	-	-	-	-	Y
R5402	14	52.1	D3-1a	-	-	65.4	0	19.4	53	69.5	0	0	69.6	71	70	Y	-	-	-	-	-	Y
R5402	15	54.8	D3-1a	-	-	65.3	0	19.8	53.2	69.3	0	0	69.4	70.8	70	Y	-	-	-	-	-	Y
R5402	16	57.5	D3-1a	-	-	65.2	0	20	53.5	69.2	0	0	69.3	70.7	70	Y	-	-	-	-	-	Y
R5402	17	60.2	D3-1a	-	-	65	0	20.3	53.8	69	0	0	69.1	70.5	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5402	18	62.9	D3-1a	-	-	64.9	0	20.7	54.1	68.8	0	0	68.9	70.4	70	N	-	-	-	-	-	N
R5402	19	65.6	D3-1a	-	-	64.8	0	21	54.3	68.7	0	0	68.8	70.3	70	N	-	-	-	-	-	N
R5402	20	68.3	D3-1a	-	-	64.7	0	21.4	54.6	68.5	0	0	68.7	70.1	70	N	-	-	-	-	-	N
R5402	21	71.0	D3-1a	-	-	64.5	0	21.6	55	68.4	0	0	68.6	70	70	N	-	-	-	-	-	N
R5402	22	73.7	D3-1a	-	-	64.4	0	22.4	55.2	68.2	0	0	68.5	69.9	70	N	-	-	-	-	-	N
R5402	23	76.4	D3-1a	-	-	64.3	0	23.1	55.5	68.1	0	0	68.3	69.8	70	N	-	-	-	-	-	N
R5402	24	79.1	D3-1a	-	-	64.2	0	23.9	55.7	68	0	0	68.2	69.7	70	N	-	-	-	-	-	N
R5402	25	81.8	D3-1a	-	-	64.1	0	24.6	55.9	67.8	0	0	68.1	69.6	70	N	-	-	-	-	-	N
R5403	1	17.0	D3-1a	-	-	63	0	0	56.2	73.2	0	0	73.3	73.6	70	Y	-	-	-	-	-	Y
R5403	2	19.7	D3-1a	-	-	63.1	0	0	56.2	73	0	0	73.1	73.5	70	Y	-	-	-	-	-	Y
R5403	3	22.4	D3-1a	-	-	63.1	0	0	56.2	72.9	0	0	72.9	73.4	70	Y	-	-	-	-	-	Y
R5403	4	25.1	D3-1a	-	-	63	0	0	56.2	72.7	0	0	72.8	73.2	70	Y	-	-	-	-	-	Y
R5403	5	27.8	D3-1a	-	-	63	0	0	56.2	72.5	0	0	72.6	73.1	70	Y	-	-	-	-	-	Y
R5403	6	30.5	D3-1a	-	-	63	0	0	56.2	72.3	0	0	72.4	72.9	70	Y	-	-	-	-	-	Y
R5403	7	33.2	D3-1a	-	-	62.9	0	0	56.2	72.1	0	0	72.2	72.7	70	Y	-	-	-	-	-	Y
R5403	8	35.9	D3-1a	-	-	62.9	0	0	56.2	71.9	0	0	72	72.5	70	Y	-	-	-	-	-	Y
R5403	9	38.6	D3-1a	-	-	62.9	0	0	56.2	71.7	0	0	71.9	72.4	70	Y	-	-	-	-	-	Y
R5403	10	41.3	D3-1a	-	-	62.8	0	0	56.3	71.5	0	0	71.7	72.2	70	Y	-	-	-	-	-	Y
R5403	11	44.0	D3-1a	-	-	62.7	0	0	56.4	71.3	0	0	71.5	72	70	Y	-	-	-	-	-	Y
R5403	12	46.7	D3-1a	-	-	62.7	0	0	56.6	71.1	0	0	71.3	71.9	70	Y	-	-	-	-	-	Y
R5403	13	49.4	D3-1a	-	-	62.6	0	0	56.8	71	0	0	71.1	71.7	70	Y	-	-	-	-	-	Y
R5403	14	52.1	D3-1a	-	-	62.5	0	0	56.9	70.8	0	0	70.9	71.5	70	Y	-	-	-	-	-	Y
R5403	15	54.8	D3-1a	-	-	62.5	0	0	57.1	70.6	0	0	70.8	71.4	70	Y	-	-	-	-	-	Y
R5403	16	57.5	D3-1a	-	-	62.4	0	0	57.5	70.4	0	0	70.6	71.2	70	Y	-	-	-	-	-	Y
R5403	17	60.2	D3-1a	-	-	62.3	0	0	57.8	70.2	0	0	70.5	71.1	70	Y	-	-	-	-	-	Y
R5403	18	62.9	D3-1a	-	-	62.3	0	0	58.1	70.1	0	0	70.4	71	70	Y	-	-	-	-	-	Y
R5403	19	65.6	D3-1a	-	-	62.2	0	0	58.3	69.9	0	0	70.2	70.8	70	Y	-	-	-	-	-	Y
R5403	20	68.3	D3-1a	-	-	62.1	0	0	58.4	69.7	0	0	70.1	70.7	70	Y	-	-	-	-	-	Y
R5403	21	71.0	D3-1a	-	-	62.1	0	0	58.4	69.6	0	0	69.9	70.6	70	Y	-	-	-	-	-	Y
R5403	22	73.7	D3-1a	-	-	62	0	0	58.5	69.4	0	0	69.8	70.5	70	Y	-	-	-	-	-	Y
R5403	23	76.4	D3-1a	-	-	61.9	0	0	58.4	69.3	0	0	69.7	70.3	70	N	-	-	-	-	-	N
R5403	24	79.1	D3-1a	-	-	61.9	0	0	58.4	69.2	0	0	69.5	70.2	70	N	-	-	-	-	-	N
R5403	25	81.8	D3-1a	-	-	61.8	0	0	58.4	69	0	0	69.4	70.1	70	N	-	-	-	-	-	N
R5403	26	84.5	D3-1a	-	-	61.7	0	0	58.4	68.9	0	0	69.3	70	70	N	-	-	-	-	-	N
R5403	27	87.2	D3-1a	-	-	61.6	0	0	58.4	68.8	0	0	69.2	69.9	70	N	-	-	-	-	-	N
R5403	28	89.9	D3-1a	-	-	61.6	0	0	58.3	68.6	0	0	69	69.7	70	N	-	-	-	-	-	N
R5403	29	92.6	D3-1a	-	-	61.5	0	0	58.3	68.5	0	0	68.9	69.6	70	N	-	-	-	-	-	N
R5403	30	95.3	D3-1a	-	-	61.4	0	0	58.3	68.4	0	0	68.8	69.5	70	N	-	-	-	-	-	N
R5404	1	17.0	D3-1a	-	-	16.3	0	48.7	55.6	74.6	0	0	74.7	74.7	70	Y	-	-	-	-	-	Y
R5404	2	19.7	D3-1a	-	-	16.6	0	49.1	55.6	74.5	0	0	74.5	74.5	70	Y	-	-	-	-	-	Y
R5404	3	22.4	D3-1a	-	-	16.8	0	49.5	55.6	74.3	0	0	74.3	74.3	70	Y	-	-	-	-	-	Y
R5404	4	25.1	D3-1a	-	-	17.1	0	49.8	55.6	74.1	0	0	74.2	74.2	70	Y	-	-	-	-	-	Y
R5404	5	27.8	D3-1a	-	-	17.4	0	50.2	55.6	73.9	0	0	74	74	70	Y	-	-	-	-	-	Y
R5404	6	30.5	D3-1a	-	-	17.6	0	50.5	55.6	73.7	0	0	73.8	73.8	70	Y	-	-	-	-	-	Y
R5404	7	33.2	D3-1a	-	-	17.9	0	50.8	55.6	73.5	0	0	73.6	73.6	70	Y	-	-	-	-	-	Y
R5404	8	35.9	D3-1a	-	-	18.3	0	51.1	55.6	73.3	0	0	73.4	73.4	70	Y	-	-	-	-	-	Y
R5404	9	38.6	D3-1a	-	-	18.6	0	51.4	55.6	73.1	0	0	73.2	73.2	70	Y	-	-	-	-	-	Y
R5404	10	41.3	D3-1a	-	-	19	0	51.6	55.6	72.9	0	0	73	73	70	Y	-	-	-	-	-	Y
R5404	11	44.0	D3-1a	-	-	19.3	0	51.8	55.8	72.8	0	0	72.9	72.9	70	Y	-	-	-	-	-	Y
R5404	12	46.7	D3-1a	-	-	19.7	0	51.9	56	72.5	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5404	13	49.4	D3-1a	-	-	20.1	0	52.1	56.3	72.4	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5404	14	52.1	D3-1a	-	-	20.6	0	52.2	56.6	72.2	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5404	15	54.8	D3-1a	-	-	21	0	52.4	56.9	72	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5404	16	57.5	D3-1a	-	-	21.4	0	52.5	57.3	71.9	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5404	17	60.2	D3-1a	-	-	21.9	0	52.5	57.6	71.7	0	0	71.9	71.9	70	Y	-	-	-	-	-	Y
R5404	18	62.9	D3-1a	-	-	22.4	0	52.6	57.7	71.5	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5404	19	65.6	D3-1a	-	-	22.9	0	52.7	57.8	71.4	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5404	20	68.3	D3-1a	-	-	23.5	0	52.8	57.8	71.2	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5404	21	71.0	D3-1a	-	-	24.1	0	53	57.8	71	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5404	22	73.7	D3-1a	-	-	24.6	0	53.1	57.8	70.9	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5404	23	76.4	D3-1a	-	-	25.2	0	53.3	57.7	70.8	0	0	71	71	70	Y	-	-	-	-	-	Y
R5404	24	79.1	D3-1a	-	-	25.9	0	53.5	57.7	70.6	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5404	25	81.8	D3-1a	-	-	26.6	0	53.9	57.7	70.5	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5404	26	84.5	D3-1a	-	-	27.4	0	54.6	57.7	70.4	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5404	27	87.2	D3-1a	-	-	28.1	0	55.4	57.7	70.3	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5404	28	89.9	D3-1a	-	-	29	0	56.4	57.7	70.1	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5404	29	92.6	D3-1a	-	-	30	0	57.3	57.7	70	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5404	30	95.3	D3-1a	-	-	31.5	0	58	57.8	69.9	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5406	1	17.0	D3-1b	-	-	11.8	0	30.4	57.4	75.1	0	0	75.1	75.1	70	Y	-	-	-	-	-	Y
R5406	2	19.7	D3-1b	-	-	12.2	0	30.4	57.3	74.9	0	0	74.9	74.9	70	Y	-	-	-	-	-	Y
R5406	3	22.4	D3-1b	-	-	12.7	0	30.4	57.3	74.6	0	0	74.7	74.7	70	Y	-	-	-	-	-	Y
R5406	4	25.1	D3-1b	-	-	13.1	0	30.4	57.3	74.4	0	0	74.5	74.5	70	Y	-	-	-	-	-	Y
R5406	5	27.8	D3-1b	-	-	13.5	0	30.4	57.3	74.1	0	0	74.2	74.2	70	Y	-	-	-	-	-	Y
R5406	6	30.5	D3-1b	-	-	14	0	30.3	57.3	73.9	0	0	74	74	70	Y	-	-	-	-	-	Y
R5406	7	33.2	D3-1b	-	-	14.4	0	30.5	57.2	73.6	0	0	73.7	73.7	70	Y	-	-	-	-	-	Y
R5406	8	35.9	D3-1b	-	-	14.8	0	31.2	57.2	73.4	0	0	73.5	73.5	70	Y	-	-	-	-	-	Y
R5406	9	38.6	D3-1b	-	-	15.3	0	31.9	57.2	73.1	0	0	73.2	73.2	70	Y	-	-	-	-	-	Y
R5406	10	41.3	D3-1b	-	-	15.6	0	32.7	57.1	72.9	0	0	73	73	70	Y	-	-	-	-	-	Y
R5406	11	44.0	D3-1b	-	-	16	0	33.5	57.1	72.6	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5406	12	46.7	D3-1b	-	-	16.4	0	34.3	57.1	72.4	0	0	72.6	72.6	70	Y	-	-	-	-	-	Y
R5406	13	49.4	D3-1b	-	-	16.8	0	35.1	57.1	72.2	0	0	72.4	72.4	70	Y	-	-	-	-	-	Y
R5406	14	52.1	D3-1b	-	-	17.2	0	35.9	57	72	0	0	72.2	72.2	70	Y	-	-	-	-	-	Y
R5406	15	54.8	D3-1b	-	-	17.6	0	36.8	57	71.8	0	0	72	72	70	Y	-	-	-	-	-	Y
R5406	16	57.5	D3-1b	-	-	18	0	37.7	56.9	71.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5406	17	60.2	D3-1b	-	-	18.3	0	38.7	56.9	71.5	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5406	18	62.9	D3-1b	-	-	18.7	0	39.7	56.9	71.3	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5406	19	65.6	D3-1b	-	-	19.2	0	40.7	56.9	71.1	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5406	20	68.3	D3-1b	-	-	19.6	0	41.8	56.9	71	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5406	21	71.0	D3-1b	-	-	20.1	0	43	56.8	70.8	0	0	71	71	70	Y	-	-	-	-	-	Y
R5406	22	73.7	D3-1b	-	-	20.5	0	44.2	56.9	70.7	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5406	23	76.4	D3-1b	-	-	20.9	0	45.6	57.1	70.6	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5406	24	79.1	D3-1b	-	-	21.4	0	47.2	57.3	70.4	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5406	25	81.8	D3-1b	-	-	21.8	0	49.1	57.4	70.3	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5406	26	84.5	D3-1b	-	-	22.3	0	51.4	57.5	70.2	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5406	27	87.2	D3-1b	-	-	22.7	0	53.5	57.6	70.1	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5406	28	89.9	D3-1b	-	-	23.2	0	55.5	57.7	69.9	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5406	29	92.6	D3-1b	-	-	23.7	0	57.1	58	69.8	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5406	30	95.3	D3-1b	-	-	24.2	0	58	58.2	69.7	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5407	1	17.0	D3-1b	-	-	0	0	49.5	50.2	73.3	0	0	73.3	73.3	70	Y	-	-	-	-	-	Y
R5407	2	19.7	D3-1b	-	-	0	0	49.9	50.2	73.2	0	0	73.2	73.2	70	Y	-	-	-	-	-	Y
R5407	3	22.4	D3-1b	-	-	0	0	50	50.2	73	0	0	73.1	73.1	70	Y	-	-	-	-	-	Y
R5407	4	25.1	D3-1b	-	-	0	0	50.3	50.2	72.9	0	0	73	73	70	Y	-	-	-	-	-	Y
R5407	5	27.8	D3-1b	-	-	0	0	50.6	50.2	72.8	0	0	72.8	72.8	70	Y	-	-	-	-	-	Y
R5407	6	30.5	D3-1b	-	-	0	0	51	50.2	72.6	0	0	72.7	72.7	70	Y	-	-	-	-	-	Y
R5407	7	33.2	D3-1b	-	-	0	0	51.2	50.2	72.4	0	0	72.5	72.5	70	Y	-	-	-	-	-	Y
R5407	8	35.9	D3-1b	-	-	0	0	51.5	50.1	72.2	0	0	72.3	72.3	70	Y	-	-	-	-	-	Y
R5407	9	38.6	D3-1b	-	-	0	0	51.8	50.1	72.1	0	0	72.1	72.1	70	Y	-	-	-	-	-	Y
R5407	10	41.3	D3-1b	-	-	0	0	52	50.1	71.9	0	0	72	72	70	Y	-	-	-	-	-	Y
R5407	11	44.0	D3-1b	-	-	0	0	52.3	50.1	71.7	0	0	71.8	71.8	70	Y	-	-	-	-	-	Y
R5407	12	46.7	D3-1b	-	-	0	0	52.5	50.1	71.5	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5407	13	49.4	D3-1b	-	-	0	0	52.7	50.1	71.4	0	0	71.5	71.5	70	Y	-	-	-	-	-	Y
R5407	14	52.1	D3-1b	-	-	0	0	52.9	50	71.2	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5407	15	54.8	D3-1b	-	-	0	0	53	50	71	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5407	16	57.5	D3-1b	-	-	0	0	53.1	50	70.9	0	0	71	71	70	Y	-	-	-	-	-	Y
R5407	17	60.2	D3-1b	-	-	0	0	53.3	50	70.7	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5407	18	62.9	D3-1b	-	-	0	0	53.4	49.9	70.6	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5407	19	65.6	D3-1b	-	-	0	0	53.5	49.9	70.4	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5407	20	68.3	D3-1b	-	-	0	0	53.5	50	70.3	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5407	21	71.0	D3-1b	-	-	0	0	53.6	50	70.1	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5407	22	73.7	D3-1b	-	-	0	0	53.6	50	70	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5407	23	76.4	D3-1b	-	-	0	0	53.7	50	69.9	0	0	70	70	70	N	-	-	-	-	-	N
R5407	24	79.1	D3-1b	-	-	0	0	53.8	50.2	69.7	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5407	25	81.8	D3-1b	-	-	0	0	53.9	50.4	69.6	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5407	26	84.5	D3-1b	-	-	0	0	53.9	50.9	69.5	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5407	27	87.2	D3-1b	-	-	0	0	54	51.2	69.4	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5407	28	89.9	D3-1b	-	-	0	0	54.1	51.5	69.3	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5407	29	92.6	D3-1b	-	-	0	0	54.1	51.8	69.1	0	0	69.3	69.3	70	N	-	-	-	-	-	N
R5407	30	95.3	D3-1b	-	-	0	0	54.1	52.2	69	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5408	1	17.0	D3-1b	-	-	44.5	0	0	6.5	71.2	0	0	71.2	71.2	70	Y	-	-	-	-	-	Y
R5408	2	19.7	D3-1b	-	-	44.9	0	0	6.5	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5408	3	22.4	D3-1b	-	-	45.2	0	0	6.5	71	0	0	71	71	70	Y	-	-	-	-	-	Y
R5408	4	25.1	D3-1b	-	-	45.4	0	0	6.5	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5408	5	27.8	D3-1b	-	-	45.7	0	0	6.5	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5408	6	30.5	D3-1b	-	-	45.8	0	0	6.5	70.7	0	0	70.7	70.7	70	Y	-	-	-	-	-	Y
R5408	7	33.2	D3-1b	-	-	45.9	0	0	6.5	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5408	8	35.9	D3-1b	-	-	46.1	0	0	6.5	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5408	9	38.6	D3-1b	-	-	46.2	0	0	6.5	70.4	0	0	70.4	70.4	70	N	-	-	-	-	-	N
R5408	10	41.3	D3-1b	-	-	46.4	0	0	6.5	70.2	0	0	70.2	70.3	70	N	-	-	-	-	-	N
R5408	11	44.0	D3-1b	-	-	46.5	0	0	6.5	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5408	12	46.7	D3-1b	-	-	46.6	0	0	6.5	70	0	0	70	70	70	N	-	-	-	-	-	N
R5408	13	49.4	D3-1b	-	-	46.7	0	0	6.5	69.9	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5408	14	52.1	D3-1b	-	-	47	0	0	6.4	69.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5408	15	54.8	D3-1b	-	-	47.1	0	0	6.4	69.6	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5408	16	57.5	D3-1b	-	-	47.5	0	0	6.4	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5408	17	60.2	D3-1b	-	-	47.5	0	0	6.4	69.4	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5408	18	62.9	D3-1b	-	-	47.6	0	0	6.4	69.2	0	0	69.2	69.3	70	N	-	-	-	-	-	N
R5408	19	65.6	D3-1b	-	-	47.9	0	0	6.4	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5408	20	68.3	D3-1b	-	-	48.3	0	0	6.4	69	0	0	69	69	70	N	-	-	-	-	-	N
R5408	21	71.0	D3-1b	-	-	48.4	0	0	6.4	68.8	0	0	68.8	68.9	70	N	-	-	-	-	-	N
R5408	22	73.7	D3-1b	-	-	48.7	0	0	6.3	68.7	0	0	68.7	68.8	70	N	-	-	-	-	-	N
R5408	23	76.4	D3-1b	-	-	48.9	0	0	6.3	68.6	0	0	68.6	68.7	70	N	-	-	-	-	-	N
R5408	24	79.1	D3-1b	-	-	49.1	0	0	6.3	68.5	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5408	25	81.8	D3-1b	-	-	49.2	0	0	6.3	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5408	26	84.5	D3-1b	-	-	49.2	0	0	6.3	68.3	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5408	27	87.2	D3-1b	-	-	49.5	0	0	6.3	68.2	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5408	28	89.9	D3-1b	-	-	49.6	0	0	6.2	68	0	0	68	68.1	70	N	-	-	-	-	-	N
R5408	29	92.6	D3-1b	-	-	49.8	0	0	6.2	67.9	0	0	67.9	68	70	N	-	-	-	-	-	N
R5408	30	95.3	D3-1b	-	-	49.8	0	0	6.2	67.8	0	0	67.8	67.9	70	N	-	-	-	-	-	N
R5409	1	17.0	D3-1b	-	-	44.7	0	0	5.2	68.8	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5409	2	19.7	D3-1b	-	-	47.6	0	0	5.2	68.8	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5409	3	22.4	D3-1b	-	-	51.9	0	0	5.2	68.7	0	0	68.7	68.8	70	N	-	-	-	-	-	N
R5409	4	25.1	D3-1b	-	-	56.3	0	0	5.2	68.7	0	0	68.7	68.9	70	N	-	-	-	-	-	N
R5409	5	27.8	D3-1b	-	-	57.9	0	0	5.2	68.9	0	0	68.9	69.2	70	N	-	-	-	-	-	N
R5409	6	30.5	D3-1b	-	-	58.4	0	0	5.2	68.9	0	0	68.9	69.3	70	N	-	-	-	-	-	N
R5409	7	33.2	D3-1b	-	-	58.5	0	0	5.2	68.8	0	0	68.8	69.2	70	N	-	-	-	-	-	N
R5409	8	35.9	D3-1b	-	-	58.6	0	0	5.2	68.7	0	0	68.7	69.1	70	N	-	-	-	-	-	N
R5409	9	38.6	D3-1b	-	-	58.6	0	0	5.1	68.6	0	0	68.6	69.1	70	N	-	-	-	-	-	N
R5409	10	41.3	D3-1b	-	-	58.7	0	0	5.1	68.5	0	0	68.5	69	70	N	-	-	-	-	-	N
R5409	11	44.0	D3-1b	-	-	58.8	0	0	5.1	68.4	0	0	68.4	68.8	70	N	-	-	-	-	-	N
R5409	12	46.7	D3-1b	-	-	58.8	0	0	5.1	68.3	0	0	68.3	68.7	70	N	-	-	-	-	-	N
R5409	13	49.4	D3-1b	-	-	58.9	0	0	5.1	68.2	0	0	68.2	68.7	70	N	-	-	-	-	-	N
R5409	14	52.1	D3-1b	-	-	58.9	0	0	5.1	68	0	0	68	68.5	70	N	-	-	-	-	-	N
R5409	15	54.8	D3-1b	-	-	58.9	0	0	5.1	67.9	0	0	67.9	68.4	70	N	-	-	-	-	-	N
R5409	16	57.5	D3-1b	-	-	59	0	0	5.1	67.8	0	0	67.8	68.3	70	N	-	-	-	-	-	N
R5409	17	60.2	D3-1b	-	-	59	0	0	5.1	67.7	0	0	67.7	68.2	70	N	-	-	-	-	-	N
R5409	18	62.9	D3-1b	-	-	59	0	0	5.1	67.5	0	0	67.5	68.1	70	N	-	-	-	-	-	N
R5409	19	65.6	D3-1b	-	-	59	0	0	5.1	67.5	0	0	67.5	68	70	N	-	-	-	-	-	N
R5409	20	68.3	D3-1b	-	-	59.1	0	0	5.1	67.3	0	0	67.3	67.9	70	N	-	-	-	-	-	N
R5409	21	71.0	D3-1b	-	-	59.1	0	0	5.1	67.2	0	0	67.2	67.8	70	N	-	-	-	-	-	N
R5409	22	73.7	D3-1b	-	-	59.1	0	0	5	67.1	0	0	67.1	67.7	70	N	-	-	-	-	-	N
R5409	23	76.4	D3-1b	-	-	59.1	0	0	5	67	0	0	67	67.6	70	N	-	-	-	-	-	N
R5409	24	79.1	D3-1b	-	-	59.1	0	0	5	66.9	0	0	66.9	67.6	70	N	-	-	-	-	-	N
R5409	25	81.8	D3-1b	-	-	59.2	0	0	4.7	66.7	0	0	66.7	67.4	70	N	-	-	-	-	-	N
R5409	26	84.5	D3-1b	-	-	59.1	0	0	5.1	66.6	0	0	66.6	67.3	70	N	-	-	-	-	-	N
R5409	27	87.2	D3-1b	-	-	59.1	0	0	5.3	66.5	0	0	66.5	67.3	70	N	-	-	-	-	-	N
R5409	28	89.9	D3-1b	-	-	59.1	0	0	5.6	66.4	0	0	66.4	67.2	70	N	-	-	-	-	-	N
R5409	29	92.6	D3-1b	-	-	59.1	0	0	5.7	66.3	0	0	66.3	67.1	70	N	-	-	-	-	-	N
R5409	30	95.3	D3-1b	-	-	59	0	0	5.7	66.2	0	0	66.2	67	70	N	-	-	-	-	-	N
R5411	1	26.0	D3-1c	-	-	60.5	0	0	5.6	68.7	0	0	68.7	69.3	70	N	-	-	-	-	-	N
R5411	2	28.7	D3-1c	-	-	61	0	0	5.6	69.3	0	0	69.3	69.9	70	N	-	-	-	-	-	N
R5411	3	31.4	D3-1c	-	-	61.2	0	0	5.6	69.3	0	0	69.3	69.9	70	N	-	-	-	-	-	N
R5411	4	34.1	D3-1c	-	-	61.3	0	0	5.6	69.2	0	0	69.2	69.8	70	N	-	-	-	-	-	N
R5411	5	36.8	D3-1c	-	-	61.5	0	0	5.6	69.1	0	0	69.1	69.8	70	N	-	-	-	-	-	N
R5411	6	39.5	D3-1c	-	-	61.5	0	0	5.6	68.9	0	0	68.9	69.6	70	N	-	-	-	-	-	N
R5411	7	42.2	D3-1c	-	-	61.6	0	0	5.6	68.8	0	0	68.8	69.5	70	N	-	-	-	-	-	N
R5411	8	44.9	D3-1c	-	-	61.7	0	0	5.6	68.6	0	0	68.6	69.4	70	N	-	-	-	-	-	N
R5411	9	47.6	D3-1c	-	-	61.7	0	0	5.6	68.5	0	0	68.5	69.3	70	N	-	-	-	-	-	N
R5411	10	50.3	D3-1c	-	-	61.8	0	0	5.6	68.3	0	0	68.3	69.2	70	N	-	-	-	-	-	N
R5411	11	53.0	D3-1c	-	-	61.8	0	0	5.6	68.2	0	0	68.2	69.1	70	N	-	-	-	-	-	N
R5411	12	55.7	D3-1c	-	-	61.8	0	0	5.6	68	0	0	68	69	70	N	-	-	-	-	-	N
R5411	13	58.4	D3-1c	-	-	61.9	0	0	5.6	67.9	0	0	67.9	68.9	70	N	-	-	-	-	-	N
R5411	14	61.1	D3-1c	-	-	61.9	0	0	5.6	67.8	0	0	67.8	68.7	70	N	-	-	-	-	-	N
R5411	15	63.8	D3-1c	-	-	61.9	0	0	5.5	67.7	0	0	67.7	68.7	70	N	-	-	-	-	-	N
R5411	16	66.5	D3-1c	-	-	61.9	0	0	5.5	67.5	0	0	67.5	68.5	70	N	-	-	-	-	-	N
R5411	17	69.2	D3-1c	-	-	61.8	0	0	4.8	67.4	0	0	67.4	68.4	70	N	-	-	-	-	-	N
R5411	18	71.9	D3-1c	-	-	61.8	0	0	5.6	67.3	0	0	67.3	68.4	70	N	-	-	-	-	-	N
R5411	19	74.6	D3-1c	-	-	61.7	0	0	5.7	67.1	0	0	67.1	68.2	70	N	-	-	-	-	-	N
R5411	20	77.3	D3-1c	-	-	61.7	0	0	5.9	67	0	0	67	68.1	70	N	-	-	-	-	-	N
R5411	21	80.0	D3-1c	-	-	61.7	0	0	6	66.9	0	0	66.9	68.1	70	N	-	-	-	-	-	N
R5411	22	82.7	D3-1c	-	-	61.6	0	0	6.1	66.8	0	0	66.8	67.9	70	N	-	-	-	-	-	N
R5411	23	85.4	D3-1c	-	-	61.6	0	0	6.1	66.7	0	0	66.7	67.8	70	N	-	-	-	-	-	N
R5411	24	88.1	D3-1c	-	-	61.5	0	0	6.1	66.6	0	0	66.6	67.7	70	N	-	-	-	-	-	N
R5411	25	90.8	D3-1c	-	-	61.5	0	0	6.1	66.5	0	0	66.5	67.7	70	N	-	-	-	-	-	N
R5411	26	93.5	D3-1c	-	-	61.5	0	0	6.1	66.4	0	0	66.4	67.6	70	N	-	-	-	-	-	N
R5411	27	96.2	D3-1c	-	-	61.4	0	0	6	66.2	0	0	66.2	67.5	70	N	-	-	-	-	-	N
R5411	28	98.9	D3-1c	-	-	61.4	0	0	6	66.1	0	0	66.1	67.4	70	N	-	-	-	-	-	N
R5411	29	101.6	D3-1c	-	-	61.3	0	0	6	66	0	0	66	67.3	70	N	-	-	-	-	-	N
R5411	30	104.3	D3-1c	-	-	61.3	0	0	6	65.9	0	0	65.9	67.2	70	N	-	-	-	-	-	N
R5412	1	26.0	D3-1c	-	-	65.1	0	0	0	69.3	0	0	69.3	70.7	70	Y	-	-	-	-	-	Y
R5412	2	28.7	D3-1c	-	-	65.3	0	0	0	69.2	0	0	69.2	70.7	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																		Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			
								PD	DD	OTHER	EX	TR						C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5412	3	31.4	D3-1c	-	-	65.4	0	0	0	69	0	0		69	70.6	70	Y	-	-	-	-	-	Y
R5412	4	34.1	D3-1c	-	-	65.4	0	0	0	69	0	0		69	70.6	70	Y	-	-	-	-	-	Y
R5412	5	36.8	D3-1c	-	-	65.5	0	0	0	68.8	0	0		68.8	70.4	70	N	-	-	-	-	-	N
R5412	6	39.5	D3-1c	-	-	65.4	0	0	0	68.7	0	0		68.7	70.4	70	N	-	-	-	-	-	N
R5412	7	42.2	D3-1c	-	-	65.4	0	0	0	68.5	0	0		68.5	70.2	70	N	-	-	-	-	-	N
R5412	8	44.9	D3-1c	-	-	65.3	0	0	0	68.3	0	0		68.3	70.1	70	N	-	-	-	-	-	N
R5412	9	47.6	D3-1c	-	-	65.3	0	0	0	68.2	0	0		68.2	70	70	N	-	-	-	-	-	N
R5412	10	50.3	D3-1c	-	-	65.2	0	0	0	68.1	0	0		68.1	69.9	70	N	-	-	-	-	-	N
R5412	11	53.0	D3-1c	-	-	65.1	0	0	0	68	0	0		68	69.8	70	N	-	-	-	-	-	N
R5412	12	55.7	D3-1c	-	-	65	0	0	0	67.8	0	0		67.8	69.6	70	N	-	-	-	-	-	N
R5412	13	58.4	D3-1c	-	-	64.9	0	0	0	67.6	0	0		67.6	69.5	70	N	-	-	-	-	-	N
R5412	14	61.1	D3-1c	-	-	64.8	0	0	0	67.5	0	0		67.5	69.4	70	N	-	-	-	-	-	N
R5412	15	63.8	D3-1c	-	-	64.7	0	0	0	67.3	0	0		67.3	69.2	70	N	-	-	-	-	-	N
R5412	16	66.5	D3-1c	-	-	64.6	0	0	0	67.2	0	0		67.2	69.1	70	N	-	-	-	-	-	N
R5412	17	69.2	D3-1c	-	-	64.5	0	0	0	67	0	0		67	69	70	N	-	-	-	-	-	N
R5412	18	71.9	D3-1c	-	-	64.4	0	0	0	67	0	0		67	68.9	70	N	-	-	-	-	-	N
R5412	19	74.6	D3-1c	-	-	64.3	0	0	0	66.8	0	0		66.8	68.7	70	N	-	-	-	-	-	N
R5412	20	77.3	D3-1c	-	-	64.2	0	0	0	66.7	0	0		66.7	68.6	70	N	-	-	-	-	-	N
R5412	21	80.0	D3-1c	-	-	64.1	0	0	0	66.6	0	0		66.6	68.5	70	N	-	-	-	-	-	N
R5412	22	82.7	D3-1c	-	-	64	0	0	0	66.4	0	0		66.4	68.4	70	N	-	-	-	-	-	N
R5412	23	85.4	D3-1c	-	-	63.9	0	0	0	66.3	0	0		66.3	68.3	70	N	-	-	-	-	-	N
R5412	24	88.1	D3-1c	-	-	63.8	0	0	0	66.2	0	0		66.2	68.2	70	N	-	-	-	-	-	N
R5412	25	90.8	D3-1c	-	-	63.8	0	0	0	66.2	0	0		66.2	68.1	70	N	-	-	-	-	-	N
R5412	26	93.5	D3-1c	-	-	63.7	0	0	0	66	0	0		66	68	70	N	-	-	-	-	-	N
R5412	27	96.2	D3-1c	-	-	63.6	0	0	0	65.9	0	0		65.9	67.9	70	N	-	-	-	-	-	N
R5412	28	98.9	D3-1c	-	-	63.5	0	0	0	65.8	0	0		65.8	67.8	70	N	-	-	-	-	-	N
R5412	29	101.6	D3-1c	-	-	63.4	0	0	0	65.7	0	0		65.7	67.7	70	N	-	-	-	-	-	N
R5412	30	104.3	D3-1c	-	-	63.3	0	0	0	65.6	0	0		65.6	67.6	70	N	-	-	-	-	-	N
R5413	1	26.0	D3-1c	-	-	68.8	0	0	0	56.2	0	0		56.2	69	70	N	-	-	-	-	-	N
R5413	2	28.7	D3-1c	-	-	69.7	0	0	0	60.4	0	0		60.4	70.2	70	N	-	-	-	-	-	N
R5413	3	31.4	D3-1c	-	-	69.7	0	0	0	61.8	0	0		61.8	70.4	70	N	-	-	-	-	-	N
R5413	4	34.1	D3-1c	-	-	69.7	0	0	0	62	0	0		62	70.4	70	N	-	-	-	-	-	N
R5413	5	36.8	D3-1c	-	-	69.6	0	0	0	61.9	0	0		61.9	70.3	70	N	-	-	-	-	-	N
R5413	6	39.5	D3-1c	-	-	69.4	0	0	0	61.8	0	0		61.8	70.1	70	N	-	-	-	-	-	N
R5413	7	42.2	D3-1c	-	-	69.4	0	0	0	61.7	0	0		61.7	70	70	N	-	-	-	-	-	N
R5413	8	44.9	D3-1c	-	-	69.2	0	0	0	61.6	0	0		61.6	69.9	70	N	-	-	-	-	-	N
R5413	9	47.6	D3-1c	-	-	69.1	0	0	0	61.5	0	0		61.5	69.8	70	N	-	-	-	-	-	N
R5413	10	50.3	D3-1c	-	-	69	0	0	0	61.4	0	0		61.4	69.7	70	N	-	-	-	-	-	N
R5413	11	53.0	D3-1c	-	-	68.9	0	0	0	61.3	0	0		61.3	69.6	70	N	-	-	-	-	-	N
R5413	12	55.7	D3-1c	-	-	68.8	0	0	0	61.1	0	0		61.1	69.5	70	N	-	-	-	-	-	N
R5413	13	58.4	D3-1c	-	-	68.7	0	0	0	61	0	0		61	69.4	70	N	-	-	-	-	-	N
R5413	14	61.1	D3-1c	-	-	68.6	0	0	0	60.9	0	0		60.9	69.3	70	N	-	-	-	-	-	N
R5413	15	63.8	D3-1c	-	-	68.5	0	0	0	60.8	0	0		60.8	69.1	70	N	-	-	-	-	-	N
R5413	16	66.5	D3-1c	-	-	68.4	0	0	0	60.7	0	0		60.7	69	70	N	-	-	-	-	-	N
R5413	17	69.2	D3-1c	-	-	68.2	0	0	0	60.6	0	0		60.6	68.9	70	N	-	-	-	-	-	N
R5413	18	71.9	D3-1c	-	-	68.1	0	0	0	60.5	0	0		60.5	68.8	70	N	-	-	-	-	-	N
R5413	19	74.6	D3-1c	-	-	68	0	0	0	60.4	0	0		60.4	68.7	70	N	-	-	-	-	-	N
R5413	20	77.3	D3-1c	-	-	67.9	0	0	0	60.2	0	0		60.2	68.6	70	N	-	-	-	-	-	N
R5413	21	80.0	D3-1c	-	-	67.8	0	0	0	60.1	0	0		60.1	68.5	70	N	-	-	-	-	-	N
R5413	22	82.7	D3-1c	-	-	67.7	0	0	0	60	0	0		60	68.4	70	N	-	-	-	-	-	N
R5413	23	85.4	D3-1c	-	-	67.6	0	0	0	59.9	0	0		59.9	68.3	70	N	-	-	-	-	-	N
R5413	24	88.1	D3-1c	-	-	67.5	0	0	0	59.8	0	0		59.8	68.2	70	N	-	-	-	-	-	N
R5413	25	90.8	D3-1c	-	-	67.4	0	0	0	59.7	0	0		59.7	68.1	70	N	-	-	-	-	-	N
R5413	26	93.5	D3-1c	-	-	67.3	0	0	0	59.6	0	0		59.6	68	70	N	-	-	-	-	-	N
R5413	27	96.2	D3-1c	-	-	67.2	0	0	0	59.5	0	0		59.5	67.9	70	N	-	-	-	-	-	N
R5413	28	98.9	D3-1c	-	-	67.2	0	0	0	59.4	0	0		59.4	67.8	70	N	-	-	-	-	-	N
R5413	29	101.6	D3-1c	-	-	67.1	0	0	0	59.3	0	0		59.3	67.7	70	N	-	-	-	-	-	N
R5413	30	104.3	D3-1c	-	-	67	0	0	0	59.2	0	0		59.2	67.6	70	N	-	-	-	-	-	N
R5414	1	26.0	D3-1c	-	-	70.7	0	0	0	50	0	0		50	70.7	70	Y	-	-	-	-	-	Y
R5414	2	28.7	D3-1c	-	-	70.6	0	0	0	50.3	0	0		50.3	70.6	70	Y	-	-	-	-	-	Y
R5414	3	31.4	D3-1c	-	-	70.5	0	0	0	50.2	0	0		50.2	70.5	70	Y	-	-	-	-	-	Y
R5414	4	34.1	D3-1c	-	-	70.4	0	0	0	50.3	0	0		50.3	70.4	70	N	-	-	-	-	-	N
R5414	5	36.8	D3-1c	-	-	70.2	0	0	0	50.3	0	0		50.3	70.3	70	N	-	-	-	-	-	N
R5414	6	39.5	D3-1c	-	-	70.1	0	0	0	50.4	0	0		50.4	70.1	70	N	-	-	-	-	-	N
R5414	7	42.2	D3-1c	-	-	70	0	0	0	50.5	0	0		50.5	70	70	N	-	-	-	-	-	N
R5414	8	44.9	D3-1c	-	-	69.8	0	0	0	50.6	0	0		50.6	69.9	70	N	-	-	-	-	-	N
R5414	9	47.6	D3-1c	-	-	69.7	0	0	0	50.6	0	0		50.6	69.7	70	N	-	-	-	-	-	N
R5414	10	50.3	D3-1c	-	-	69.5	0	0	0	50.7	0	0		50.7	69.6	70	N	-	-	-	-	-	N
R5414	11	53.0	D3-1c	-	-	69.4	0	0	0	50.8	0	0		50.8	69.5	70	N	-	-	-	-	-	N
R5414	12	55.7	D3-1c	-	-	69.3	0	0	0	51.1	0	0		51.1	69.3	70	N	-	-	-	-	-	N
R5414	13	58.4	D3-1c	-	-	69.1	0	0	0	51.2	0	0		51.2	69.2	70	N	-	-	-	-	-	N
R5414	14	61.1	D3-1c	-	-	69	0	0	0	51.4	0	0		51.4	69.1	70	N	-	-	-	-	-	N
R5414	15	63.8	D3-1c	-	-	68.9	0	0	0	51.7	0	0		51.7	69	70	N	-	-	-	-	-	N
R5414	16	66.5	D3-1c	-	-	68.8	0	0	0	51.9	0	0		51.9	68.9	70	N	-	-	-	-	-	N
R5414	17	69.2	D3-1c	-	-	68.6	0	0	0	52.1	0	0		52.1	68.7	70	N	-	-	-	-	-	N
R5414	18	71.9	D3-1c	-	-	68.5	0	0	0	52.3	0	0		52.3	68.6	70	N	-	-	-	-	-	N
R5414	19	74.6	D3-1c	-	-	68.4	0	0	0	52.4	0	0		52.4	68.5	70	N	-	-	-	-	-	N
R5414	20	77.3	D3-1c	-	-	68.3	0	0	0	52.4	0	0		52.4	68.4	70	N	-	-	-	-	-	N
R5414	21	80.0	D3-1c	-	-	68.2	0	0	0	52.5	0	0		52.5	68.3	70	N	-	-	-	-	-	N
R5414	22	82.7	D3-1c	-	-	68.1	0	0	0	52.4	0	0		52.4	68.2	70	N	-	-	-	-	-	N
R5414	23	85.4	D3-1c	-	-	68	0	0	0	52.5	0	0		52.5	68.1	70	N	-	-	-	-	-	N
R5414	24	88.1	D3-1c	-	-	67.8	0	0	0	52.5	0	0		52.5	68	70	N	-	-	-	-	-	N
R5414	25	90.8	D3-1c	-	-	67.8	0	0	0	52.4	0	0		52.4	67.9	70	N	-	-	-	-	-	N
R5414	26	93.5	D3-1c	-	-	67.7	0	0	0	52.4	0	0		52.4	67.8	70	N	-	-	-	-	-	N
R5414	27	96.2	D3-1c	-	-	67.6	0	0	0	52.4	0	0		52.4	67.7	70	N	-	-	-	-	-	N
R5414	28	98.9	D3-1c	-	-	67.5	0	0	0	52.3	0	0		52.3	67.6	70	N	-	-	-	-	-	N
R5414	29	101.6	D3-1c	-	-	67.4	0	0	0	52.3	0	0		52.3	67.5	70	N	-	-	-	-	-	N
R5414	30	104.3	D3-1c	-	-	67.3	0	0	0	52.3	0	0		52.3	67.4	70	N	-	-	-	-	-	N
R5421	1	22.5	D3-3	-	-	24	0	49.5	20.4	66.2	0	0		66.3	66.3	70	N	-	-	-	-	-	N
R5421	2	25.5	D3-3	-	-	24	0	49.9	20.3	67.4	0	0		67.5	67.5	70	N	-	-	-	-	-	N
R5421	3	28.5	D3-3	-	-	24	0	50.3	20.3	68.4	0	0		68.4	68.4	70	N	-	-	-	-	-	N
R5421	4	31.5	D3-3	-	-	24	0	50.7	20.3	69.2	0	0		69.2	69.2	70	N	-	-	-	-	-	N
R5421	5	34.5	D3-3	-	-	24	0	50.9	20.4	69.8	0	0		69.8	69.8	70	N	-	-	-	-	-	N
R5421	6	37.5	D3-3	-	-	24	0	51.3	20.6	70.1	0	0		70.1	70.1	70	N	-	-	-	-	-	N
R5421	7	40.5	D3-3	-	-	24	0	51.5	21	70.2	0	0		70.2	70.2	70	N	-	-	-	-	-	N
R5421	8	43.5	D3-3	-	-	24	0	51.8	21.5	70.2	0	0		70.3	70.3	70	N	-	-	-	-	-	N
R5421	9	46.5	D3-3	-	-	24	0	52	22	70.1	0	0		70.2	70.2	70	N	-	-	-	-	-	N
R5421	10	49.5	D3-3	-	-	24	0	52.2	22.6	70	0	0		70.1	70.1	70	N	-	-	-	-	-	N
R5421	11	52.5	D3-3	-	-	24	0	52.4	23.3	69.8	0	0		69.9	69.9	70	N	-	-	-	-	-	N
R5421	12	55.5	D3-3	-	-	23.9	0	52.5	24	69.7	0	0		69.8	69.8	70	N	-	-	-	-	-	N
R5421	13	58.5	D3-3	-	-	23.9	0	52.7	24.7	69.5	0	0		69.6	69.6	70	N	-	-	-	-	-	N
R5421	14	61.5	D3-3	-	-	23.9	0	52.8	25.6	69.4	0	0		69.5	69.5	70	N	-	-	-	-	-	N
R5421	15	64.5	D3-3	-	-	23.9	0	53	26.5	69.2	0	0		69.3	69.3	70	N	-	-	-	-	-	N
R5421	16	67.5	D3-3	-	-	23.9	0	53.1	27.6	69.1	0	0		69.2	69.2	70	N	-	-	-	-	-	N
R5421	17	70.5	D3-3	-	-	23.9	0	53.2	28.7	68.9	0	0		69	69	70	N	-	-	-	-	-	N
R5421	18	73.5	D3-3	-	-	23.8	0	53.4	29.8	68.8	0	0		68.9	68.9	70	N	-	-	-	-	-	N
R5421	19	76.5	D3-3	-	-	23.9	0	53.5	31.3	68.6	0	0		68.7	68.7	70	N	-	-	-	-	-	N
R5421	20	79.5	D3-3	-	-	23.9	0	53.6	32.8	68.4	0	0		68.6	68.6	70	N	-	-	-	-	-	N
R5421	21	82.5	D3-3	-	-	23.9	0	53.8	34.9	68.3	0	0		68.5	68.5	70	N	-	-	-	-	-	N
R5421	22	85.5	D3-3	-	-	23.9	0	54	37.8	68.2	0	0		68.3	68.3	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT												Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	
								PD	DD	OTHER	EX	TR										
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5421	23	88.5	D3-3	-	-	23.9	0	54.4	40.6	68	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5421	24	91.5	D3-3	-	-	24	0	55	42.1	67.9	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5421	25	94.5	D3-3	-	-	24.1	0	55.9	42.7	67.8	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5421	26	97.5	D3-3	-	-	24.1	0	57.2	43.1	67.7	0	0	68	68	70	N	-	-	-	-	-	N
R5421	27	100.5	D3-3	-	-	24.3	0	58.3	43.2	67.6	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5421	28	103.5	D3-3	-	-	24.6	0	58.9	43.5	67.4	0	0	68	68	70	N	-	-	-	-	-	N
R5421	29	106.5	D3-3	-	-	25.1	0	59.2	43.9	67.3	0	0	68	68	70	N	-	-	-	-	-	N
R5421	30	109.5	D3-3	-	-	25.5	0	59.3	44.4	67.3	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5422	1	22.5	D3-3	-	-	0	0	50.6	20	67.3	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5422	2	25.5	D3-3	-	-	0	0	50.9	20	67.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5422	3	28.5	D3-3	-	-	0	0	51.3	19.9	67.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5422	4	31.5	D3-3	-	-	0	0	51.7	20	67.3	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5422	5	34.5	D3-3	-	-	0	0	52	20	67.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5422	6	37.5	D3-3	-	-	0	0	52.2	20.1	67.5	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5422	7	40.5	D3-3	-	-	0	0	52.6	20.3	67.6	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5422	8	43.5	D3-3	-	-	0	0	52.8	20.9	67.7	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5422	9	46.5	D3-3	-	-	0	0	53	21.7	67.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5422	10	49.5	D3-3	-	-	0	0	53.2	22.6	67.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5422	11	52.5	D3-3	-	-	0	0	53.4	23.4	67.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5422	12	55.5	D3-3	-	-	0	0	53.6	24.4	67.6	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5422	13	58.5	D3-3	-	-	0	0	53.8	25.4	67.5	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5422	14	61.5	D3-3	-	-	0	0	53.9	26.5	67.4	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5422	15	64.5	D3-3	-	-	0	0	54	27.6	67.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5422	16	67.5	D3-3	-	-	0	0	54.1	28.9	67.1	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5422	17	70.5	D3-3	-	-	0	0	54.3	30.2	67	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5422	18	73.5	D3-3	-	-	0	0	54.4	31.6	66.9	0	0	67.1	67.1	70	N	-	-	-	-	-	N
R5422	19	76.5	D3-3	-	-	0	0	54.5	33.1	66.8	0	0	67	67	70	N	-	-	-	-	-	N
R5422	20	79.5	D3-3	-	-	0	0	54.6	34.8	66.6	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5422	21	82.5	D3-3	-	-	0	0	54.7	36.8	66.5	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5422	22	85.5	D3-3	-	-	0	0	54.9	39.6	66.4	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5422	23	88.5	D3-3	-	-	0	0	55.3	42.5	66.3	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5422	24	91.5	D3-3	-	-	0	0	55.8	45	66.1	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5422	25	94.5	D3-3	-	-	0	0	56.7	46.5	66	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5422	26	97.5	D3-3	-	-	0	0	57.9	47	65.9	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5422	27	100.5	D3-3	-	-	0	0	58.7	47.3	65.8	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5422	28	103.5	D3-3	-	-	0	0	59.2	47.3	65.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5422	29	106.5	D3-3	-	-	0	0	59.5	47.3	65.6	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5422	30	109.5	D3-3	-	-	0	0	59.6	47.3	65.5	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5423	1	22.5	D3-3	-	-	23.8	0	50.3	20	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5423	2	25.5	D3-3	-	-	23.8	0	50.6	20	69.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5423	3	28.5	D3-3	-	-	23.8	0	51.1	20	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5423	4	31.5	D3-3	-	-	23.8	0	51.4	20	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5423	5	34.5	D3-3	-	-	23.8	0	51.8	19.9	69	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5423	6	37.5	D3-3	-	-	23.8	0	52.1	19.9	68.9	0	0	69	69	70	N	-	-	-	-	-	N
R5423	7	40.5	D3-3	-	-	23.8	0	52.4	19.9	68.9	0	0	69	69	70	N	-	-	-	-	-	N
R5423	8	43.5	D3-3	-	-	23.8	0	52.6	19.9	68.8	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5423	9	46.5	D3-3	-	-	23.8	0	52.9	19.9	68.7	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5423	10	49.5	D3-3	-	-	23.7	0	53.1	20.1	68.6	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5423	11	52.5	D3-3	-	-	23.8	0	53.3	20.7	68.6	0	0	68.7	68.7	70	N	-	-	-	-	-	N
R5423	12	55.5	D3-3	-	-	23.7	0	53.5	21.5	68.5	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5423	13	58.5	D3-3	-	-	23.7	0	53.6	22.8	68.4	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5423	14	61.5	D3-3	-	-	23.7	0	53.8	24.3	68.3	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5423	15	64.5	D3-3	-	-	23.7	0	53.8	25.8	68.2	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5423	16	67.5	D3-3	-	-	23.7	0	53.9	27.4	68.1	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5423	17	70.5	D3-3	-	-	23.6	0	54.1	29.2	68	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5423	18	73.5	D3-3	-	-	23.6	0	54.2	31.2	67.8	0	0	68	68	70	N	-	-	-	-	-	N
R5423	19	76.5	D3-3	-	-	23.7	0	54.3	33.4	67.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5423	20	79.5	D3-3	-	-	23.7	0	54.4	36.2	67.6	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5423	21	82.5	D3-3	-	-	23.7	0	54.5	40.1	67.5	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5423	22	85.5	D3-3	-	-	23.7	0	54.8	43.9	67.4	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5423	23	88.5	D3-3	-	-	23.8	0	55.1	46	67.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	24	91.5	D3-3	-	-	23.8	0	55.7	46.7	67.1	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	25	94.5	D3-3	-	-	23.9	0	56.7	47.2	67	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5423	26	97.5	D3-3	-	-	24	0	57.8	48.1	66.9	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	27	100.5	D3-3	-	-	24.1	0	58.6	48.8	66.9	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	28	103.5	D3-3	-	-	24.2	0	59	49.2	66.8	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	29	106.5	D3-3	-	-	24.4	0	59.2	49.3	66.7	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5423	30	109.5	D3-3	-	-	24.6	0	59.3	49.4	66.6	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5424	1	22.5	D3-3	-	-	0	0	48.7	19.3	70.6	0	0	70.6	70.6	70	**Y**	-	-	-	-	-	**Y**
R5424	2	25.5	D3-3	-	-	0	0	49.1	19.3	70.4	0	0	70.5	70.5	70	**Y**	-	-	-	-	-	**Y**
R5424	3	28.5	D3-3	-	-	0	0	49.6	19.3	70.3	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5424	4	31.5	D3-3	-	-	0	0	49.9	19.3	70.2	0	0	70.2	70.2	70	N	-	-	-	-	-	N
R5424	5	34.5	D3-3	-	-	0	0	50.2	19.3	70	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5424	6	37.5	D3-3	-	-	0	0	50.5	19.3	70	0	0	70	70	70	N	-	-	-	-	-	N
R5424	7	40.5	D3-3	-	-	0	0	50.8	19.3	69.8	0	0	69.9	69.9	70	N	-	-	-	-	-	N
R5424	8	43.5	D3-3	-	-	0	0	51.1	19.3	69.6	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5424	9	46.5	D3-3	-	-	0	0	51.4	19.2	69.5	0	0	69.6	69.6	70	N	-	-	-	-	-	N
R5424	10	49.5	D3-3	-	-	0	0	51.6	19.3	69.3	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5424	11	52.5	D3-3	-	-	0	0	51.8	19.8	69.1	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5424	12	55.5	D3-3	-	-	0	0	51.9	20.8	69	0	0	69	69	70	N	-	-	-	-	-	N
R5424	13	58.5	D3-3	-	-	0	0	52.1	22.1	68.8	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5424	14	61.5	D3-3	-	-	0	0	52.2	23.5	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5424	15	64.5	D3-3	-	-	0	0	52.3	25.1	68.5	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5424	16	67.5	D3-3	-	-	0	0	52.4	26.8	68.3	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5424	17	70.5	D3-3	-	-	0	0	52.6	28.7	68.2	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5424	18	73.5	D3-3	-	-	0	0	52.7	30.7	68	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5424	19	76.5	D3-3	-	-	0	0	52.9	33.1	67.9	0	0	68	68	70	N	-	-	-	-	-	N
R5424	20	79.5	D3-3	-	-	0	0	53.1	36	67.7	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5424	21	82.5	D3-3	-	-	0	0	53.3	40.1	67.6	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5424	22	85.5	D3-3	-	-	0	0	53.6	44.2	67.4	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5424	23	88.5	D3-3	-	-	0	0	54	45.5	67.3	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5424	24	91.5	D3-3	-	-	0	0	54.7	46	67.2	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5424	25	94.5	D3-3	-	-	0	0	56	46.7	67.1	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5424	26	97.5	D3-3	-	-	0	0	57.5	47.9	67	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5424	27	100.5	D3-3	-	-	0	0	58.5	48.6	66.9	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5424	28	103.5	D3-3	-	-	0	0	59	48.7	66.8	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5424	29	106.5	D3-3	-	-	0	0	59.2	48.8	66.7	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5424	30	109.5	D3-3	-	-	0	0	59.4	48.8	66.6	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5441	1	22.5	D3-4	-	-	0	0	44	42.4	71.9	0	0	72	72	70	**Y**	-	-	-	-	-	**Y**
R5441	2	25.5	D3-4	-	-	0	0	44.4	42.4	72	0	0	72	72	70	**Y**	-	-	-	-	-	**Y**
R5441	3	28.5	D3-4	-	-	0	0	44.6	42.4	71.8	0	0	71.8	71.8	70	**Y**	-	-	-	-	-	**Y**
R5441	4	31.5	D3-4	-	-	0	0	44.9	42.4	71.6	0	0	71.6	71.6	70	**Y**	-	-	-	-	-	**Y**
R5441	5	34.5	D3-4	-	-	0	0	45.1	42.3	71.4	0	0	71.4	71.4	70	**Y**	-	-	-	-	-	**Y**
R5441	6	37.5	D3-4	-	-	0	0	45.4	42.3	71.2	0	0	71.2	71.2	70	**Y**	-	-	-	-	-	**Y**
R5441	7	40.5	D3-4	-	-	0	0	45.6	42.3	70.9	0	0	70.9	70.9	70	**Y**	-	-	-	-	-	**Y**
R5441	8	43.5	D3-4	-	-	0	0	45.9	42.3	70.7	0	0	70.7	70.7	70	**Y**	-	-	-	-	-	**Y**
R5441	9	46.5	D3-4	-	-	0	0	46.2	42.3	70.5	0	0	70.5	70.5	70	**Y**	-	-	-	-	-	**Y**
R5441	10	49.5	D3-4	-	-	0	0	46.4	42.3	70.2	0	0	70.3	70.3	70	N	-	-	-	-	-	N
R5441	11	52.5	D3-4	-	-	0	0	46.7	42.3	70	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5441	12	55.5	D3-4	-	-	0	0	46.9	42.3	69.8	0	0	69.9	69.9	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5441	13	58.5	D3-4	-	-	0	0	47.2	42.3	69.6	0	0	69.7	69.7	70	N	-	-	-	-	-	N
R5441	14	61.5	D3-4	-	-	0	0	47.4	42.3	69.4	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5441	15	64.5	D3-4	-	-	0	0	47.5	42.2	69.2	0	0	69.3	69.3	70	N	-	-	-	-	-	N
R5441	16	67.5	D3-4	-	-	0	0	47.7	42.2	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5441	17	70.5	D3-4	-	-	0	0	48	42.2	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5441	18	73.5	D3-4	-	-	0	0	48.2	42.2	68.7	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5441	19	76.5	D3-4	-	-	0	0	48.4	42.2	68.5	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5441	20	79.5	D3-4	-	-	0	0	48.7	42.2	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5441	21	82.5	D3-4	-	-	0	0	49.1	42.1	68.2	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5441	22	85.5	D3-4	-	-	0	0	49.5	42.1	68.1	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5441	23	88.5	D3-4	-	-	0	0	50	42.1	67.9	0	0	68	68	70	N	-	-	-	-	-	N
R5441	24	91.5	D3-4	-	-	0	0	50.7	42.1	67.8	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5441	25	94.5	D3-4	-	-	0	0	51.7	42.1	67.6	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5441	26	97.5	D3-4	-	-	0	0	53.1	42	67.5	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5441	27	100.5	D3-4	-	-	0	0	54.8	42	67.4	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5441	28	103.5	D3-4	-	-	0	0	57	42	67.3	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5441	29	106.5	D3-4	-	-	0	0	58.5	42	67.2	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5441	30	109.5	D3-4	-	-	0	0	59.4	42	67.1	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5442	1	22.5	D3-4	-	-	38.4	0	45.6	9.6	66.6	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5442	2	25.5	D3-4	-	-	39	0	46.1	9.6	68.3	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5442	3	28.5	D3-4	-	-	39.1	0	46.3	9.5	68.8	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5442	4	31.5	D3-4	-	-	39.1	0	46.7	9.5	68.8	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5442	5	34.5	D3-4	-	-	39.1	0	46.9	9.4	68.7	0	0	68.7	68.7	70	N	-	-	-	-	-	N
R5442	6	37.5	D3-4	-	-	39.1	0	47.3	9.3	68.5	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5442	7	40.5	D3-4	-	-	39.1	0	47.6	9.3	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5442	8	43.5	D3-4	-	-	39	0	48	9.2	68.2	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5442	9	46.5	D3-4	-	-	39	0	48.4	8.8	68.1	0	0	68.1	68.2	70	N	-	-	-	-	-	N
R5442	10	49.5	D3-4	-	-	39	0	48.8	9.7	68	0	0	68	68	70	N	-	-	-	-	-	N
R5442	11	52.5	D3-4	-	-	39	0	49.2	10.6	67.8	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5442	12	55.5	D3-4	-	-	39	0	49.5	11.6	67.7	0	0	67.7	67.8	70	N	-	-	-	-	-	N
R5442	13	58.5	D3-4	-	-	39	0	49.9	12.6	67.5	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5442	14	61.5	D3-4	-	-	39	0	50.1	13.7	67.4	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5442	15	64.5	D3-4	-	-	38.9	0	50.4	14.7	67.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5442	16	67.5	D3-4	-	-	38.9	0	50.6	15.7	67.1	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5442	17	70.5	D3-4	-	-	38.9	0	50.9	16.7	67	0	0	67.1	67.1	70	N	-	-	-	-	-	N
R5442	18	73.5	D3-4	-	-	38.9	0	51.2	17.8	66.8	0	0	67	67	70	N	-	-	-	-	-	N
R5442	19	76.5	D3-4	-	-	38.9	0	51.4	18.8	66.7	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5442	20	79.5	D3-4	-	-	38.8	0	51.6	19.8	66.6	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5442	21	82.5	D3-4	-	-	38.8	0	51.8	20.7	66.4	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5442	22	85.5	D3-4	-	-	38.8	0	51.9	21.7	66.3	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5442	23	88.5	D3-4	-	-	38.8	0	52.1	22.7	66.2	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5442	24	91.5	D3-4	-	-	38.8	0	52.2	23.6	66.1	0	0	66.3	66.3	70	N	-	-	-	-	-	N
R5442	25	94.5	D3-4	-	-	38.7	0	52.4	24.6	66	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5442	26	97.5	D3-4	-	-	38.7	0	52.6	25.6	65.9	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5442	27	100.5	D3-4	-	-	38.8	0	53	26.7	65.7	0	0	66	66	70	N	-	-	-	-	-	N
R5442	28	103.5	D3-4	-	-	38.7	0	53.7	27.7	65.7	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5442	29	106.5	D3-4	-	-	38.7	0	54.7	28.8	65.5	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5442	30	109.5	D3-4	-	-	38.8	0	55.6	30.2	65.4	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5443	1	22.5	D3-4	-	-	0	0	40.3	11.6	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5443	2	25.5	D3-4	-	-	0	0	40.9	11.6	67.7	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5443	3	28.5	D3-4	-	-	0	0	41.5	11.6	67.6	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5443	4	31.5	D3-4	-	-	0	0	42.3	11.6	67.6	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5443	5	34.5	D3-4	-	-	0	0	43.2	11.6	67.5	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5443	6	37.5	D3-4	-	-	0	0	44.4	11.5	67.5	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5443	7	40.5	D3-4	-	-	0	0	45.7	11.6	67.5	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5443	8	43.5	D3-4	-	-	0	0	47.4	11.9	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5443	9	46.5	D3-4	-	-	0	0	49.1	12	67.4	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5443	10	49.5	D3-4	-	-	0	0	50.4	12	67.3	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5443	11	52.5	D3-4	-	-	0	0	51.5	12.1	67.2	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5443	12	55.5	D3-4	-	-	0	0	52.2	12.1	67.2	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5443	13	58.5	D3-4	-	-	0	0	52.8	12	67	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5443	14	61.5	D3-4	-	-	0	0	53.2	12	66.9	0	0	67.1	67.1	70	N	-	-	-	-	-	N
R5443	15	64.5	D3-4	-	-	0	0	53.7	12	66.8	0	0	67	67	70	N	-	-	-	-	-	N
R5443	16	67.5	D3-4	-	-	0	0	54.1	12	66.7	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5443	17	70.5	D3-4	-	-	0	0	54.4	12	66.6	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5443	18	73.5	D3-4	-	-	0	0	54.6	12	66.5	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5443	19	76.5	D3-4	-	-	0	0	54.8	12	66.4	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5443	20	79.5	D3-4	-	-	0	0	54.9	12	66.2	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5443	21	82.5	D3-4	-	-	0	0	54.9	12	66.1	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5443	22	85.5	D3-4	-	-	0	0	55.1	11.9	66	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5443	23	88.5	D3-4	-	-	0	0	55.1	11.9	65.9	0	0	66.3	66.3	70	N	-	-	-	-	-	N
R5443	24	91.5	D3-4	-	-	0	0	55.1	11.7	65.8	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5443	25	94.5	D3-4	-	-	0	0	55.1	12.7	65.7	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5443	26	97.5	D3-4	-	-	0	0	55.1	13.7	65.6	0	0	66	66	70	N	-	-	-	-	-	N
R5443	27	100.5	D3-4	-	-	0	0	55.2	14.8	65.5	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R5443	28	103.5	D3-4	-	-	0	0	55.2	15.8	65.4	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5443	29	106.5	D3-4	-	-	0	0	55.2	16.7	65.3	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5443	30	109.5	D3-4	-	-	0	0	55.2	17.9	65.2	0	0	65.6	65.6	70	N	-	-	-	-	-	N
R5444	1	22.5	D3-4	-	-	54	0	39.5	10.9	69	0	0	69	69.1	70	N	-	-	-	-	-	N
R5444	2	25.5	D3-4	-	-	54.2	0	40.3	10.8	69	0	0	69	69.2	70	N	-	-	-	-	-	N
R5444	3	28.5	D3-4	-	-	54.4	0	41.2	10.7	69	0	0	69	69.1	70	N	-	-	-	-	-	N
R5444	4	31.5	D3-4	-	-	54.5	0	42.3	10.6	68.9	0	0	68.9	69.1	70	N	-	-	-	-	-	N
R5444	5	34.5	D3-4	-	-	54.6	0	43.5	10.5	68.8	0	0	68.8	69	70	N	-	-	-	-	-	N
R5444	6	37.5	D3-4	-	-	54.6	0	45	10.3	68.7	0	0	68.7	68.9	70	N	-	-	-	-	-	N
R5444	7	40.5	D3-4	-	-	54.7	0	46.7	10.2	68.6	0	0	68.7	68.8	70	N	-	-	-	-	-	N
R5444	8	43.5	D3-4	-	-	54.7	0	48.7	10.1	68.5	0	0	68.6	68.8	70	N	-	-	-	-	-	N
R5444	9	46.5	D3-4	-	-	54.8	0	50.3	9.6	68.4	0	0	68.5	68.7	70	N	-	-	-	-	-	N
R5444	10	49.5	D3-4	-	-	54.8	0	51.5	10.7	68.3	0	0	68.4	68.6	70	N	-	-	-	-	-	N
R5444	11	52.5	D3-4	-	-	54.8	0	52.4	11.9	68.2	0	0	68.3	68.5	70	N	-	-	-	-	-	N
R5444	12	55.5	D3-4	-	-	54.8	0	53	13.3	68.1	0	0	68.2	68.4	70	N	-	-	-	-	-	N
R5444	13	58.5	D3-4	-	-	54.8	0	53.6	14.6	68	0	0	68.2	68.4	70	N	-	-	-	-	-	N
R5444	14	61.5	D3-4	-	-	54.8	0	54.1	16	67.9	0	0	68.1	68.3	70	N	-	-	-	-	-	N
R5444	15	64.5	D3-4	-	-	54.8	0	54.6	17.3	67.8	0	0	68	68.2	70	N	-	-	-	-	-	N
R5444	16	67.5	D3-4	-	-	54.8	0	55	18.7	67.6	0	0	67.9	68.1	70	N	-	-	-	-	-	N
R5444	17	70.5	D3-4	-	-	54.7	0	55.3	19.8	67.5	0	0	67.8	68	70	N	-	-	-	-	-	N
R5444	18	73.5	D3-4	-	-	54.7	0	55.5	21	67.4	0	0	67.7	67.9	70	N	-	-	-	-	-	N
R5444	19	76.5	D3-4	-	-	54.7	0	55.6	22.1	67.3	0	0	67.6	67.8	70	N	-	-	-	-	-	N
R5444	20	79.5	D3-4	-	-	54.7	0	55.7	23.2	67.2	0	0	67.5	67.7	70	N	-	-	-	-	-	N
R5444	21	82.5	D3-4	-	-	54.7	0	55.8	24.4	67.1	0	0	67.4	67.6	70	N	-	-	-	-	-	N
R5444	22	85.5	D3-4	-	-	54.7	0	55.8	25.4	67	0	0	67.3	67.6	70	N	-	-	-	-	-	N
R5444	23	88.5	D3-4	-	-	54.7	0	55.9	26.4	66.9	0	0	67.2	67.4	70	N	-	-	-	-	-	N
R5444	24	91.5	D3-4	-	-	54.7	0	55.9	27.6	66.8	0	0	67.1	67.4	70	N	-	-	-	-	-	N
R5444	25	94.5	D3-4	-	-	54.7	0	55.9	28.8	66.7	0	0	67	67.3	70	N	-	-	-	-	-	N
R5444	26	97.5	D3-4	-	-	54.6	0	56	29.9	66.6	0	0	66.9	67.2	70	N	-	-	-	-	-	N
R5444	27	100.5	D3-4	-	-	54.6	0	56	31.8	66.5	0	0	66.8	67.1	70	N	-	-	-	-	-	N
R5444	28	103.5	D3-4	-	-	54.6	0	56	32.4	66.4	0	0	66.7	67	70	N	-	-	-	-	-	N
R5444	29	106.5	D3-4	-	-	54.6	0	56	33.7	66.3	0	0	66.7	66.9	70	N	-	-	-	-	-	N
R5444	30	109.5	D3-4	-	-	54.6	0	56	34.8	66.2	0	0	66.6	66.8	70	N	-	-	-	-	-	N
R5461	1	23.0	D3-6	-	-	45.6	0	0	9.1	57.8	0	0	57.8	58	70	N	-	-	-	-	-	N
R5461	2	26.0	D3-6	-	-	47.2	0	0	9.1	60.3	0	0	60.3	60.5	70	N	-	-	-	-	-	N

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																	
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5461	3	29.0	D3-6	-	-	48.5	0	0	9.1	61.5	0	0		61.5	61.7	70	N	-	-	-	-	-	N
R5461	4	32.0	D3-6	-	-	49.3	0	0	9.2	62.5	0	0		62.5	62.7	70	N	-	-	-	-	-	N
R5461	5	35.0	D3-6	-	-	49.8	0	0	9.2	63.2	0	0		63.2	63.4	70	N	-	-	-	-	-	N
R5461	6	38.0	D3-6	-	-	50.1	0	0	9.2	64	0	0		64	64.2	70	N	-	-	-	-	-	N
R5461	7	41.0	D3-6	-	-	50.4	0	0	9.1	64.4	0	0		64.4	64.6	70	N	-	-	-	-	-	N
R5461	8	44.0	D3-6	-	-	50.5	0	0	9.1	64.7	0	0		64.7	64.9	70	N	-	-	-	-	-	N
R5461	9	47.0	D3-6	-	-	50.6	0	0	9.1	64.8	0	0		64.8	65	70	N	-	-	-	-	-	N
R5461	10	50.0	D3-6	-	-	50.8	0	0	9.1	64.9	0	0		64.9	65.1	70	N	-	-	-	-	-	N
R5461	11	53.0	D3-6	-	-	51	0	0	9.1	64.9	0	0		64.9	65.1	70	N	-	-	-	-	-	N
R5461	12	56.0	D3-6	-	-	51.1	0	0	9.1	64.8	0	0		64.8	65	70	N	-	-	-	-	-	N
R5461	13	59.0	D3-6	-	-	51.4	0	0	9.1	64.7	0	0		64.7	64.9	70	N	-	-	-	-	-	N
R5461	14	62.0	D3-6	-	-	51.9	0	0	9	64.6	0	0		64.6	64.8	70	N	-	-	-	-	-	N
R5461	15	65.0	D3-6	-	-	52.3	0	0	9	64.5	0	0		64.5	64.8	70	N	-	-	-	-	-	N
R5461	16	68.0	D3-6	-	-	52.8	0	0	9	64.4	0	0		64.4	64.7	70	N	-	-	-	-	-	N
R5461	17	71.0	D3-6	-	-	53.1	0	0	9	64.3	0	0		64.3	64.6	70	N	-	-	-	-	-	N
R5461	18	74.0	D3-6	-	-	53.5	0	0	9	64.2	0	0		64.2	64.5	70	N	-	-	-	-	-	N
R5461	19	77.0	D3-6	-	-	53.9	0	0	8.9	64.1	0	0		64.1	64.5	70	N	-	-	-	-	-	N
R5461	20	80.0	D3-6	-	-	54.4	0	0	8.9	63.9	0	0		63.9	64.4	70	N	-	-	-	-	-	N
R5461	21	83.0	D3-6	-	-	54.9	0	0	8.9	63.8	0	0		63.8	64.3	70	N	-	-	-	-	-	N
R5461	22	86.0	D3-6	-	-	55.3	0	0	8.9	63.7	0	0		63.7	64.3	70	N	-	-	-	-	-	N
R5461	23	89.0	D3-6	-	-	55.7	0	0	8.8	63.6	0	0		63.6	64.3	70	N	-	-	-	-	-	N
R5461	24	92.0	D3-6	-	-	55.9	0	0	8.8	63.5	0	0		63.5	64.2	70	N	-	-	-	-	-	N
R5461	25	95.0	D3-6	-	-	56.2	0	0	8.8	63.4	0	0		63.4	64.1	70	N	-	-	-	-	-	N
R5461	26	98.0	D3-6	-	-	56.4	0	0	8.8	63.3	0	0		63.3	64.1	70	N	-	-	-	-	-	N
R5461	27	101.0	D3-6	-	-	56.7	0	0	8.7	63.2	0	0		63.2	64.1	70	N	-	-	-	-	-	N
R5461	28	104.0	D3-6	-	-	57.1	0	0	8.7	63.1	0	0		63.1	64.1	70	N	-	-	-	-	-	N
R5461	29	107.0	D3-6	-	-	57.4	0	0	8.6	63.1	0	0		63.1	64.1	70	N	-	-	-	-	-	N
R5461	30	110.0	D3-6	-	-	57.7	0	0	8.6	63	0	0		63	64.1	70	N	-	-	-	-	-	N
R5462	1	14.0	D3-6	-	-	47.4	0	0	5.4	70.9	0	0		70.9	70.9	70	Y	-	-	-	-	-	Y
R5462	2	17.0	D3-6	-	-	48.2	0	0	5.4	70.7	0	0		70.7	70.7	70	Y	-	-	-	-	-	Y
R5462	3	20.0	D3-6	-	-	48.8	0	0	5.4	70.4	0	0		70.4	70.5	70	Y	-	-	-	-	-	Y
R5462	4	23.0	D3-6	-	-	49.2	0	0	5.4	70.1	0	0		70.1	70.2	70	N	-	-	-	-	-	N
R5462	5	26.0	D3-6	-	-	49.9	0	0	5.4	69.8	0	0		69.8	69.9	70	N	-	-	-	-	-	N
R5462	6	29.0	D3-6	-	-	50.5	0	0	5.4	69.6	0	0		69.6	69.6	70	N	-	-	-	-	-	N
R5462	7	32.0	D3-6	-	-	51.2	0	0	5.4	69.3	0	0		69.3	69.4	70	N	-	-	-	-	-	N
R5462	8	35.0	D3-6	-	-	51.8	0	0	5.4	69	0	0		69	69.1	70	N	-	-	-	-	-	N
R5462	9	38.0	D3-6	-	-	52.2	0	0	5.4	68.7	0	0		68.7	68.8	70	N	-	-	-	-	-	N
R5462	10	41.0	D3-6	-	-	52.6	0	0	5.4	68.5	0	0		68.5	68.6	70	N	-	-	-	-	-	N
R5462	11	44.0	D3-6	-	-	52.8	0	0	5.4	68.2	0	0		68.2	68.3	70	N	-	-	-	-	-	N
R5462	12	47.0	D3-6	-	-	53.1	0	0	5.3	68	0	0		68	68.1	70	N	-	-	-	-	-	N
R5462	13	50.0	D3-6	-	-	53.3	0	0	5.3	67.7	0	0		67.7	67.9	70	N	-	-	-	-	-	N
R5462	14	53.0	D3-6	-	-	53.6	0	0	5.3	67.5	0	0		67.5	67.7	70	N	-	-	-	-	-	N
R5462	15	56.0	D3-6	-	-	53.8	0	0	5.3	67.3	0	0		67.3	67.5	70	N	-	-	-	-	-	N
R5462	16	59.0	D3-6	-	-	54	0	0	5.3	67.1	0	0		67.1	67.3	70	N	-	-	-	-	-	N
R5462	17	62.0	D3-6	-	-	54.3	0	0	5.3	67	0	0		67	67.2	70	N	-	-	-	-	-	N
R5462	18	65.0	D3-6	-	-	54.5	0	0	5.3	66.8	0	0		66.8	67	70	N	-	-	-	-	-	N
R5462	19	68.0	D3-6	-	-	54.7	0	0	5.3	66.6	0	0		66.6	66.8	70	N	-	-	-	-	-	N
R5462	20	71.0	D3-6	-	-	54.9	0	0	5.3	66.4	0	0		66.4	66.7	70	N	-	-	-	-	-	N
R5462	21	74.0	D3-6	-	-	55	0	0	5.2	66.2	0	0		66.2	66.6	70	N	-	-	-	-	-	N
R5462	22	77.0	D3-6	-	-	55.2	0	0	5.2	66.1	0	0		66.1	66.4	70	N	-	-	-	-	-	N
R5462	23	80.0	D3-6	-	-	55.4	0	0	5.2	65.9	0	0		65.9	66.3	70	N	-	-	-	-	-	N
R5462	24	83.0	D3-6	-	-	55.6	0	0	5.2	65.8	0	0		65.8	66.2	70	N	-	-	-	-	-	N
R5462	25	86.0	D3-6	-	-	55.7	0	0	5.2	65.6	0	0		65.6	66.1	70	N	-	-	-	-	-	N
R5462	26	89.0	D3-6	-	-	55.9	0	0	5.2	65.5	0	0		65.5	66	70	N	-	-	-	-	-	N
R5462	27	92.0	D3-6	-	-	56	0	0	5.1	65.3	0	0		65.3	65.8	70	N	-	-	-	-	-	N
R5462	28	95.0	D3-6	-	-	56.2	0	0	5.1	65.2	0	0		65.2	65.7	70	N	-	-	-	-	-	N
R5462	29	98.0	D3-6	-	-	56.3	0	0	5.1	65.1	0	0		65.1	65.7	70	N	-	-	-	-	-	N
R5462	30	101.0	D3-6	-	-	56.6	0	0	5.1	65	0	0		65	65.6	70	N	-	-	-	-	-	N
R5463	1	14.0	D3-6	-	-	57.3	0	0	5.6	71.5	0	0		71.5	71.6	70	Y	-	-	-	-	-	Y
R5463	2	17.0	D3-6	-	-	58	0	0	5.6	71.4	0	0		71.4	71.6	70	Y	-	-	-	-	-	Y
R5463	3	20.0	D3-6	-	-	58.4	0	0	5.6	71.2	0	0		71.2	71.4	70	Y	-	-	-	-	-	Y
R5463	4	23.0	D3-6	-	-	58.7	0	0	5.6	70.9	0	0		70.9	71.2	70	Y	-	-	-	-	-	Y
R5463	5	26.0	D3-6	-	-	58.9	0	0	5.6	70.6	0	0		70.6	70.9	70	Y	-	-	-	-	-	Y
R5463	6	29.0	D3-6	-	-	59	0	0	5.6	70.3	0	0		70.3	70.6	70	Y	-	-	-	-	-	Y
R5463	7	32.0	D3-6	-	-	59.1	0	0	5.6	70.1	0	0		70.1	70.4	70	N	-	-	-	-	-	N
R5463	8	35.0	D3-6	-	-	59.2	0	0	5.6	69.8	0	0		69.8	70.1	70	N	-	-	-	-	-	N
R5463	9	38.0	D3-6	-	-	59.3	0	0	5.6	69.5	0	0		69.5	69.9	70	N	-	-	-	-	-	N
R5463	10	41.0	D3-6	-	-	59.3	0	0	5.6	69.2	0	0		69.2	69.6	70	N	-	-	-	-	-	N
R5463	11	44.0	D3-6	-	-	59.4	0	0	5.6	68.9	0	0		68.9	69.4	70	N	-	-	-	-	-	N
R5463	12	47.0	D3-6	-	-	59.5	0	0	5.6	68.7	0	0		68.7	69.2	70	N	-	-	-	-	-	N
R5463	13	50.0	D3-6	-	-	59.5	0	0	5.5	68.4	0	0		68.4	69	70	N	-	-	-	-	-	N
R5463	14	53.0	D3-6	-	-	59.5	0	0	5.5	68.2	0	0		68.2	68.7	70	N	-	-	-	-	-	N
R5463	15	56.0	D3-6	-	-	59.5	0	0	5.5	68	0	0		68	68.5	70	N	-	-	-	-	-	N
R5463	16	59.0	D3-6	-	-	59.6	0	0	5.5	67.7	0	0		67.7	68.4	70	N	-	-	-	-	-	N
R5463	17	62.0	D3-6	-	-	59.6	0	0	5.5	67.6	0	0		67.6	68.2	70	N	-	-	-	-	-	N
R5463	18	65.0	D3-6	-	-	59.6	0	0	5.5	67.3	0	0		67.3	68	70	N	-	-	-	-	-	N
R5463	19	68.0	D3-6	-	-	59.6	0	0	5.5	67.1	0	0		67.1	67.8	70	N	-	-	-	-	-	N
R5463	20	71.0	D3-6	-	-	59.6	0	0	5.5	66.9	0	0		66.9	67.7	70	N	-	-	-	-	-	N
R5463	21	74.0	D3-6	-	-	59.6	0	0	5.5	66.7	0	0		66.7	67.5	70	N	-	-	-	-	-	N
R5463	22	77.0	D3-6	-	-	59.6	0	0	5.4	66.6	0	0		66.6	67.4	70	N	-	-	-	-	-	N
R5463	23	80.0	D3-6	-	-	59.6	0	0	5.4	66.4	0	0		66.4	67.3	70	N	-	-	-	-	-	N
R5463	24	83.0	D3-6	-	-	59.6	0	0	5.4	66.2	0	0		66.2	67.1	70	N	-	-	-	-	-	N
R5463	25	86.0	D3-6	-	-	59.6	0	0	5.4	66.1	0	0		66.1	67	70	N	-	-	-	-	-	N
R5463	26	89.0	D3-6	-	-	59.6	0	0	5.4	65.9	0	0		65.9	66.8	70	N	-	-	-	-	-	N
R5463	27	92.0	D3-6	-	-	59.6	0	0	5.4	65.8	0	0		65.8	66.7	70	N	-	-	-	-	-	N
R5463	28	95.0	D3-6	-	-	59.6	0	0	5.4	65.7	0	0		65.7	66.6	70	N	-	-	-	-	-	N
R5463	29	98.0	D3-6	-	-	59.5	0	0	5.3	65.5	0	0		65.5	66.5	70	N	-	-	-	-	-	N
R5463	30	101.0	D3-6	-	-	59.5	0	0	5.3	65.4	0	0		65.4	66.4	70	N	-	-	-	-	-	N
R5464	1	14.0	D3-6	-	-	51.9	0	0	22.4	73.4	0	0		73.4	73.4	70	Y	-	-	-	-	-	Y
R5464	2	17.0	D3-6	-	-	52.5	0	0	22.4	73.2	0	0		73.2	73.2	70	Y	-	-	-	-	-	Y
R5464	3	20.0	D3-6	-	-	52.8	0	0	22.4	72.8	0	0		72.8	72.9	70	Y	-	-	-	-	-	Y
R5464	4	23.0	D3-6	-	-	53	0	0	22.4	72.4	0	0		72.4	72.5	70	Y	-	-	-	-	-	Y
R5464	5	26.0	D3-6	-	-	53.1	0	0	22.4	72.1	0	0		72.1	72.2	70	Y	-	-	-	-	-	Y
R5464	6	29.0	D3-6	-	-	53.3	0	0	22.4	71.8	0	0		71.8	71.8	70	Y	-	-	-	-	-	Y
R5464	7	32.0	D3-6	-	-	53.4	0	0	22.4	71.4	0	0		71.4	71.4	70	Y	-	-	-	-	-	Y
R5464	8	35.0	D3-6	-	-	53.4	0	0	22.4	71	0	0		71	71.1	70	Y	-	-	-	-	-	Y
R5464	9	38.0	D3-6	-	-	53.6	0	0	22.3	70.8	0	0		70.8	70.8	70	Y	-	-	-	-	-	Y
R5464	10	41.0	D3-6	-	-	53.7	0	0	22.4	70.4	0	0		70.4	70.5	70	Y	-	-	-	-	-	Y
R5464	11	44.0	D3-6	-	-	53.8	0	0	22.4	70.2	0	0		70.2	70.3	70	N	-	-	-	-	-	N
R5464	12	47.0	D3-6	-	-	53.9	0	0	22.4	69.9	0	0		69.9	70	70	N	-	-	-	-	-	N
R5464	13	50.0	D3-6	-	-	53.9	0	0	22.5	69.7	0	0		69.7	69.8	70	N	-	-	-	-	-	N
R5464	14	53.0	D3-6	-	-	54	0	0	22.5	69.4	0	0		69.4	69.6	70	N	-	-	-	-	-	N
R5464	15	56.0	D3-6	-	-	54.1	0	0	22.5	69.2	0	0		69.2	69.3	70	N	-	-	-	-	-	N
R5464	16	59.0	D3-6	-	-	54.1	0	0	22.5	69	0	0		69	69.2	70	N	-	-	-	-	-	N
R5464	17	62.0	D3-6	-	-	54.2	0	0	22.5	68.8	0	0		68.8	68.9	70	N	-	-	-	-	-	N
R5464	18	65.0	D3-6	-	-	54.3	0	0	22.5	68.6	0	0		68.6	68.8	70	N	-	-	-	-	-	N
R5464	19	68.0	D3-6	-	-	54.4	0	0	22.5	68.5	0	0		68.5	68.6	70	N	-	-	-	-	-	N
R5464	20	71.0	D3-6	-	-	54.4	0	0	22.5	68.3	0	0		68.3	68.5	70	N	-	-	-	-	-	N
R5464	21	74.0	D3-6	-	-	54.5	0	0	22.5	68.1	0	0		68.1	68.3	70	N	-	-	-	-	-	N
R5464	22	77.0	D3-6	-	-	54.5	0	0	22.7	68	0	0		68	68.2	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT												Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS PD	NEW ROADS DD	NEW ROADS OTHER	NEW ROADS EX	NEW ROADS TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5464	23	80.0	D3-6	-	-	54.5	0	0	23.4	67.8	0	0	67.8	68	70	N	-	-	-	-	-	N
R5464	24	83.0	D3-6	-	-	54.6	0	0	24.4	67.7	0	0	67.7	67.9	70	N	-	-	-	-	-	N
R5464	25	86.0	D3-6	-	-	54.6	0	0	25.6	67.5	0	0	67.5	67.8	70	N	-	-	-	-	-	N
R5464	26	89.0	D3-6	-	-	54.7	0	0	26.8	67.4	0	0	67.4	67.6	70	N	-	-	-	-	-	N
R5464	27	92.0	D3-6	-	-	54.7	0	0	28.2	67.3	0	0	67.3	67.5	70	N	-	-	-	-	-	N
R5464	28	95.0	D3-6	-	-	54.6	0	0	29.5	67.1	0	0	67.1	67.4	70	N	-	-	-	-	-	N
R5464	29	98.0	D3-6	-	-	54.7	0	0	31	67.1	0	0	67.1	67.3	70	N	-	-	-	-	-	N
R5464	30	101.0	D3-6	-	-	54.7	0	0	32.6	66.9	0	0	66.9	67.1	70	N	-	-	-	-	-	N
R5465	1	23.0	D3-6	-	-	25.5	0	0	22.5	67.6	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5465	2	26.0	D3-6	-	-	25.5	0	0	22.4	68.5	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5465	3	29.0	D3-6	-	-	25.4	0	0	22.5	68.6	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5465	4	32.0	D3-6	-	-	25.4	0	0	22.5	68.6	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5465	5	35.0	D3-6	-	-	25.4	0	0	22.6	68.6	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5465	6	38.0	D3-6	-	-	25.4	0	0	22.7	68.6	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R5465	7	41.0	D3-6	-	-	25.4	0	0	22.9	68.5	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5465	8	44.0	D3-6	-	-	25.4	0	0	23.2	68.5	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5465	9	47.0	D3-6	-	-	25.4	0	0	23.6	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5465	10	50.0	D3-6	-	-	25.4	0	0	24.2	68.3	0	0	68.3	68.3	70	N	-	-	-	-	-	N
R5465	11	53.0	D3-6	-	-	25.4	0	0	24.9	68.2	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5465	12	56.0	D3-6	-	-	25.4	0	0	25.6	68.1	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R5465	13	59.0	D3-6	-	-	25.3	0	0	26.5	68	0	0	68	68	70	N	-	-	-	-	-	N
R5465	14	62.0	D3-6	-	-	25.3	0	0	27.4	67.8	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R5465	15	65.0	D3-6	-	-	25.3	0	0	28.3	67.7	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5465	16	68.0	D3-6	-	-	25.3	0	0	29.3	67.6	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5465	17	71.0	D3-6	-	-	25.2	0	0	30.4	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5465	18	74.0	D3-6	-	-	25.3	0	0	31.6	67.4	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5465	19	77.0	D3-6	-	-	25.3	0	0	33	67.2	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5465	20	80.0	D3-6	-	-	25.3	0	0	34.6	67.1	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5465	21	83.0	D3-6	-	-	25.4	0	0	36.6	67	0	0	67	67	70	N	-	-	-	-	-	N
R5465	22	86.0	D3-6	-	-	25.3	0	0	39.3	66.9	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5465	23	89.0	D3-6	-	-	25.4	0	0	41.2	66.8	0	0	66.8	66.8	70	N	-	-	-	-	-	N
R5465	24	92.0	D3-6	-	-	25.4	0	0	42.4	66.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5465	25	95.0	D3-6	-	-	25.4	0	0	43.5	66.6	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5465	26	98.0	D3-6	-	-	25.5	0	0	44.5	66.5	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5465	27	101.0	D3-6	-	-	25.7	0	0	45.5	66.4	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5465	28	104.0	D3-6	-	-	25.9	0	0	46.6	66.3	0	0	66.3	66.3	70	N	-	-	-	-	-	N
R5465	29	107.0	D3-6	-	-	26.1	0	0	47.5	66.2	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5465	30	110.0	D3-6	-	-	26.5	0	0	48.2	66.1	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5481	1	23.0	D3-7	-	-	59.6	0	48.2	11.1	68.3	0	0	68.3	68.8	70	N	-	-	-	-	-	N
R5481	2	26.0	D3-7	-	-	59.7	0	48.3	11.2	68.2	0	0	68.3	68.8	70	N	-	-	-	-	-	N
R5481	3	29.0	D3-7	-	-	59.7	0	48.4	11.1	68.2	0	0	68.2	68.8	70	N	-	-	-	-	-	N
R5481	4	32.0	D3-7	-	-	59.8	0	48.6	11	68.1	0	0	68.2	68.8	70	N	-	-	-	-	-	N
R5481	5	35.0	D3-7	-	-	59.8	0	48.7	11.1	68	0	0	68.1	68.7	70	N	-	-	-	-	-	N
R5481	6	38.0	D3-7	-	-	59.8	0	48.8	11	68	0	0	68	68.6	70	N	-	-	-	-	-	N
R5481	7	41.0	D3-7	-	-	59.7	0	49	10.9	67.9	0	0	67.9	68.5	70	N	-	-	-	-	-	N
R5481	8	44.0	D3-7	-	-	59.7	0	49.2	10.8	67.8	0	0	67.9	68.5	70	N	-	-	-	-	-	N
R5481	9	47.0	D3-7	-	-	59.7	0	49.5	10.7	67.7	0	0	67.8	68.4	70	N	-	-	-	-	-	N
R5481	10	50.0	D3-7	-	-	59.6	0	49.6	10.6	67.6	0	0	67.7	68.3	70	N	-	-	-	-	-	N
R5481	11	53.0	D3-7	-	-	59.6	0	49.7	10.4	67.5	0	0	67.6	68.2	70	N	-	-	-	-	-	N
R5481	12	56.0	D3-7	-	-	59.6	0	49.9	10.3	67.4	0	0	67.5	68.2	70	N	-	-	-	-	-	N
R5481	13	59.0	D3-7	-	-	59.5	0	50.2	10.5	67.3	0	0	67.4	68.1	70	N	-	-	-	-	-	N
R5481	14	62.0	D3-7	-	-	59.5	0	50.4	11.9	67.2	0	0	67.3	68	70	N	-	-	-	-	-	N
R5481	15	65.0	D3-7	-	-	59.4	0	50.8	13.6	67.2	0	0	67.3	67.9	70	N	-	-	-	-	-	N
R5481	16	68.0	D3-7	-	-	59.4	0	51.1	15.4	67.1	0	0	67.2	67.8	70	N	-	-	-	-	-	N
R5481	17	71.0	D3-7	-	-	59.3	0	51.5	17.2	67	0	0	67.1	67.8	70	N	-	-	-	-	-	N
R5481	18	74.0	D3-7	-	-	59.3	0	51.8	19.1	66.9	0	0	67	67.7	70	N	-	-	-	-	-	N
R5481	19	77.0	D3-7	-	-	59.3	0	52	21	66.8	0	0	66.9	67.6	70	N	-	-	-	-	-	N
R5481	20	80.0	D3-7	-	-	59.2	0	52.2	22.9	66.7	0	0	66.8	67.5	70	N	-	-	-	-	-	N
R5481	21	83.0	D3-7	-	-	59.2	0	52.3	24.8	66.6	0	0	66.7	67.4	70	N	-	-	-	-	-	N
R5481	22	86.0	D3-7	-	-	59.1	0	52.4	26.9	66.5	0	0	66.6	67.4	70	N	-	-	-	-	-	N
R5481	23	89.0	D3-7	-	-	59.1	0	52.5	29	66.4	0	0	66.6	67.3	70	N	-	-	-	-	-	N
R5481	24	92.0	D3-7	-	-	59	0	52.6	31.7	66.3	0	0	66.4	67.2	70	N	-	-	-	-	-	N
R5481	25	95.0	D3-7	-	-	59	0	52.6	34.2	66.2	0	0	66.4	67.1	70	N	-	-	-	-	-	N
R5481	26	98.0	D3-7	-	-	59	0	52.7	36.4	66.1	0	0	66.3	67	70	N	-	-	-	-	-	N
R5481	27	101.0	D3-7	-	-	58.9	0	52.8	37.1	66	0	0	66.2	66.9	70	N	-	-	-	-	-	N
R5481	28	104.0	D3-7	-	-	58.9	0	52.9	37.5	65.9	0	0	66.1	66.9	70	N	-	-	-	-	-	N
R5481	29	107.0	D3-7	-	-	58.8	0	52.9	37.6	65.8	0	0	66	66.8	70	N	-	-	-	-	-	N
R5481	30	110.0	D3-7	-	-	58.8	0	53	37.6	65.7	0	0	65.9	66.7	70	N	-	-	-	-	-	N
R5482	1	23.0	D3-7	-	-	57	0	20.7	13.9	67.5	0	0	67.5	67.8	70	N	-	-	-	-	-	N
R5482	2	26.0	D3-7	-	-	57.1	0	20.8	14.1	67.3	0	0	67.3	67.7	70	N	-	-	-	-	-	N
R5482	3	29.0	D3-7	-	-	57.2	0	20.7	14.4	67.1	0	0	67.1	67.5	70	N	-	-	-	-	-	N
R5482	4	32.0	D3-7	-	-	57.3	0	20.8	14.8	66.8	0	0	66.8	67.3	70	N	-	-	-	-	-	N
R5482	5	35.0	D3-7	-	-	57.3	0	20.8	15.1	66.7	0	0	66.7	67.1	70	N	-	-	-	-	-	N
R5482	6	38.0	D3-7	-	-	57.4	0	20.9	15.4	66.4	0	0	66.4	67	70	N	-	-	-	-	-	N
R5482	7	41.0	D3-7	-	-	57.5	0	20.9	15.8	66.3	0	0	66.3	66.8	70	N	-	-	-	-	-	N
R5482	8	44.0	D3-7	-	-	57.6	0	21.1	16.2	66.1	0	0	66.1	66.7	70	N	-	-	-	-	-	N
R5482	9	47.0	D3-7	-	-	57.7	0	21.1	16.5	65.9	0	0	65.9	66.5	70	N	-	-	-	-	-	N
R5482	10	50.0	D3-7	-	-	58	0	21.2	16.9	65.7	0	0	65.7	66.4	70	N	-	-	-	-	-	N
R5482	11	53.0	D3-7	-	-	58.7	0	21.4	17.4	65.6	0	0	65.6	66.4	70	N	-	-	-	-	-	N
R5482	12	56.0	D3-7	-	-	59.6	0	21.5	17.7	65.5	0	0	65.5	66.5	70	N	-	-	-	-	-	N
R5482	13	59.0	D3-7	-	-	60.2	0	21.6	18.2	65.3	0	0	65.3	66.5	70	N	-	-	-	-	-	N
R5482	14	62.0	D3-7	-	-	60.6	0	21.7	18.5	65.2	0	0	65.2	66.5	70	N	-	-	-	-	-	N
R5482	15	65.0	D3-7	-	-	60.9	0	21.8	19.1	65.1	0	0	65.1	66.5	70	N	-	-	-	-	-	N
R5482	16	68.0	D3-7	-	-	61.2	0	21.9	19.5	64.9	0	0	64.9	66.5	70	N	-	-	-	-	-	N
R5482	17	71.0	D3-7	-	-	61.5	0	22.1	19.9	64.8	0	0	64.8	66.5	70	N	-	-	-	-	-	N
R5482	18	74.0	D3-7	-	-	61.7	0	22.3	20.4	64.7	0	0	64.7	66.4	70	N	-	-	-	-	-	N
R5482	19	77.0	D3-7	-	-	61.9	0	22.6	20.9	64.6	0	0	64.6	66.4	70	N	-	-	-	-	-	N
R5482	20	80.0	D3-7	-	-	62	0	22.8	21.3	64.4	0	0	64.4	66.4	70	N	-	-	-	-	-	N
R5482	21	83.0	D3-7	-	-	62.2	0	23.1	21.8	64.3	0	0	64.3	66.4	70	N	-	-	-	-	-	N
R5482	22	86.0	D3-7	-	-	62.3	0	23.4	22.4	64.2	0	0	64.2	66.4	70	N	-	-	-	-	-	N
R5482	23	89.0	D3-7	-	-	62.4	0	23.7	22.8	64.1	0	0	64.1	66.4	70	N	-	-	-	-	-	N
R5482	24	92.0	D3-7	-	-	62.6	0	24	23.3	64	0	0	64	66.4	70	N	-	-	-	-	-	N
R5482	25	95.0	D3-7	-	-	62.6	0	24.3	23.9	63.9	0	0	63.9	66.3	70	N	-	-	-	-	-	N
R5482	26	98.0	D3-7	-	-	62.7	0	24.6	24.4	63.8	0	0	63.8	66.3	70	N	-	-	-	-	-	N
R5482	27	101.0	D3-7	-	-	62.7	0	24.9	25	63.7	0	0	63.7	66.2	70	N	-	-	-	-	-	N
R5482	28	104.0	D3-7	-	-	62.8	0	25.2	25.6	63.6	0	0	63.6	66.2	70	N	-	-	-	-	-	N
R5482	29	107.0	D3-7	-	-	62.8	0	25.5	26.2	63.5	0	0	63.5	66.2	70	N	-	-	-	-	-	N
R5482	30	110.0	D3-7	-	-	62.8	0	25.8	26.9	63.4	0	0	63.4	66.1	70	N	-	-	-	-	-	N
R5483	1	23.0	D3-7	-	-	53	0	3.8	10	66.8	0	0	66.8	67	70	N	-	-	-	-	-	N
R5483	2	26.0	D3-7	-	-	53.3	0	3.8	9.9	66.7	0	0	66.7	66.9	70	N	-	-	-	-	-	N
R5483	3	29.0	D3-7	-	-	53.4	0	3.7	10	66.5	0	0	66.5	66.7	70	N	-	-	-	-	-	N
R5483	4	32.0	D3-7	-	-	53.6	0	3.8	10	66.4	0	0	66.4	66.6	70	N	-	-	-	-	-	N
R5483	5	35.0	D3-7	-	-	53.7	0	4.1	10	66.3	0	0	66.3	66.5	70	N	-	-	-	-	-	N
R5483	6	38.0	D3-7	-	-	53.9	0	4.1	10	66.2	0	0	66.2	66.4	70	N	-	-	-	-	-	N
R5483	7	41.0	D3-7	-	-	54.1	0	4.2	10	66.1	0	0	66.1	66.3	70	N	-	-	-	-	-	N
R5483	8	44.0	D3-7	-	-	54.3	0	4.3	10	66	0	0	66	66.3	70	N	-	-	-	-	-	N
R5483	9	47.0	D3-7	-	-	54.6	0	4.3	9.9	65.8	0	0	65.8	66.1	70	N	-	-	-	-	-	N
R5483	10	50.0	D3-7	-	-	55	0	4.4	9.9	65.7	0	0	65.7	66	70	N	-	-	-	-	-	N
R5483	11	53.0	D3-7	-	-	55.9	0	4.4	9.9	65.5	0	0	65.5	66	70	N	-	-	-	-	-	N
R5483	12	56.0	D3-7	-	-	57.1	0	4.5	9.9	65.4	0	0	65.4	66	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R5483	13	59.0	D3-7	-	-	58	0	4.5	9.8	65.3	0	0	65.3	66	70	N	-	-	-	-	-	N
R5483	14	62.0	D3-7	-	-	58.5	0	4.6	9.8	65.1	0	0	65.1	66	70	N	-	-	-	-	-	N
R5483	15	65.0	D3-7	-	-	58.9	0	4.6	9.8	65	0	0	65	65.9	70	N	-	-	-	-	-	N
R5483	16	68.0	D3-7	-	-	59.3	0	4.6	9.8	64.8	0	0	64.8	65.9	70	N	-	-	-	-	-	N
R5483	17	71.0	D3-7	-	-	59.6	0	4.6	9.7	64.7	0	0	64.7	65.8	70	N	-	-	-	-	-	N
R5483	18	74.0	D3-7	-	-	60	0	4.7	9.7	64.5	0	0	64.5	65.8	70	N	-	-	-	-	-	N
R5483	19	77.0	D3-7	-	-	60.3	0	4.6	9.7	64.4	0	0	64.4	65.9	70	N	-	-	-	-	-	N
R5483	20	80.0	D3-7	-	-	60.6	0	4.3	9.6	64.3	0	0	64.3	65.9	70	N	-	-	-	-	-	N
R5483	21	83.0	D3-7	-	-	60.9	0	4.4	9.6	64.2	0	0	64.2	65.9	70	N	-	-	-	-	-	N
R5483	22	86.0	D3-7	-	-	61.1	0	4.6	9.6	64.2	0	0	64.2	65.9	70	N	-	-	-	-	-	N
R5483	23	89.0	D3-7	-	-	61.3	0	4.6	9.5	64.1	0	0	64.1	65.9	70	N	-	-	-	-	-	N
R5483	24	92.0	D3-7	-	-	61.5	0	4.7	9.5	64	0	0	64	65.9	70	N	-	-	-	-	-	N
R5483	25	95.0	D3-7	-	-	61.6	0	4.7	9.4	63.9	0	0	63.9	65.9	70	N	-	-	-	-	-	N
R5483	26	98.0	D3-7	-	-	61.7	0	4.7	9.4	63.8	0	0	63.8	65.9	70	N	-	-	-	-	-	N
R5483	27	101.0	D3-7	-	-	61.8	0	4.7	9.4	63.7	0	0	63.7	65.8	70	N	-	-	-	-	-	N
R5483	28	104.0	D3-7	-	-	61.8	0	4.6	9.3	63.6	0	0	63.6	65.8	70	N	-	-	-	-	-	N
R5483	29	107.0	D3-7	-	-	61.9	0	4.6	9.3	63.5	0	0	63.5	65.8	70	N	-	-	-	-	-	N
R5483	30	110.0	D3-7	-	-	61.9	0	4.6	9.3	63.4	0	0	63.4	65.7	70	N	-	-	-	-	-	N
R5501	1	14.5	D3-8	-	-	51.3	0	0	0	60	0	0	60	60.6	70	N	-	-	-	-	-	N
R5501	2	17.2	D3-8	-	-	54.3	0	0	0	60.6	0	0	60.6	61.5	70	N	-	-	-	-	-	N
R5501	3	19.9	D3-8	-	-	59	0	0	0	61.3	0	0	61.3	63.3	70	N	-	-	-	-	-	N
R5501	4	22.6	D3-8	-	-	62.6	0	0	0	62.8	0	0	62.8	65.7	70	N	-	-	-	-	-	N
R5501	5	25.3	D3-8	-	-	63.9	0	0	0	63.1	0	0	63.1	66.6	70	N	-	-	-	-	-	N
R5501	6	28.0	D3-8	-	-	64.4	0	0	0	63.2	0	0	63.2	66.9	70	N	-	-	-	-	-	N
R5501	7	30.7	D3-8	-	-	64.7	0	0	0	63.1	0	0	63.1	67	70	N	-	-	-	-	-	N
R5501	8	33.4	D3-8	-	-	65.1	0	0	0	63.2	0	0	63.2	67.3	70	N	-	-	-	-	-	N
R5501	9	36.1	D3-8	-	-	65.5	0	0	0	63.1	0	0	63.1	67.5	70	N	-	-	-	-	-	N
R5501	10	38.8	D3-8	-	-	65.7	0	0	0	63	0	0	63	67.6	70	N	-	-	-	-	-	N
R5501	11	41.5	D3-8	-	-	66	0	0	0	62.9	0	0	62.9	67.7	70	N	-	-	-	-	-	N
R5501	12	44.2	D3-8	-	-	66.2	0	0	0	62.8	0	0	62.8	67.8	70	N	-	-	-	-	-	N
R5501	13	46.9	D3-8	-	-	66.2	0	0	0	62.7	0	0	62.7	67.8	70	N	-	-	-	-	-	N
R5501	14	49.6	D3-8	-	-	66.3	0	0	0	62.6	0	0	62.6	67.9	70	N	-	-	-	-	-	N
R5501	15	52.3	D3-8	-	-	66.3	0	0	0	62.5	0	0	62.5	67.8	70	N	-	-	-	-	-	N
R5501	16	55.0	D3-8	-	-	66.3	0	0	0	62.3	0	0	62.3	67.8	70	N	-	-	-	-	-	N
R5501	17	57.7	D3-8	-	-	66.2	0	0	0	62.2	0	0	62.2	67.7	70	N	-	-	-	-	-	N
R5501	18	60.4	D3-8	-	-	66.2	0	0	0	62.1	0	0	62.1	67.6	70	N	-	-	-	-	-	N
R5501	19	63.1	D3-8	-	-	66.2	0	0	0	62	0	0	62	67.6	70	N	-	-	-	-	-	N
R5501	20	65.8	D3-8	-	-	66.1	0	0	0	61.9	0	0	61.9	67.5	70	N	-	-	-	-	-	N
R5501	21	68.5	D3-8	-	-	66	0	0	0	61.8	0	0	61.8	67.4	70	N	-	-	-	-	-	N
R5501	22	71.2	D3-8	-	-	66	0	0	0	61.7	0	0	61.7	67.4	70	N	-	-	-	-	-	N
R5501	23	73.9	D3-8	-	-	65.9	0	0	0	61.6	0	0	61.6	67.3	70	N	-	-	-	-	-	N
R5501	24	76.6	D3-8	-	-	65.8	0	0	0	61.4	0	0	61.4	67.2	70	N	-	-	-	-	-	N
R5501	25	79.3	D3-8	-	-	65.8	0	0	0	61.3	0	0	61.3	67.1	70	N	-	-	-	-	-	N
R5501	26	82.0	D3-8	-	-	65.7	0	0	0	61.2	0	0	61.2	67	70	N	-	-	-	-	-	N
R5501	27	84.7	D3-8	-	-	65.7	0	0	0	61.1	0	0	61.1	67	70	N	-	-	-	-	-	N
R5501	28	87.4	D3-8	-	-	65.6	0	0	0	61	0	0	61	66.9	70	N	-	-	-	-	-	N
R5501	29	90.1	D3-8	-	-	65.5	0	0	0	60.9	0	0	60.9	66.8	70	N	-	-	-	-	-	N
R5501	30	92.8	D3-8	-	-	65.5	0	0	0	60.8	0	0	60.8	66.8	70	N	-	-	-	-	-	N
R5502	1	14.5	D3-8	-	-	59.7	0	0	22.5	70.2	0	0	70.2	70.5	70	Y	-	-	-	-	-	Y
R5502	2	17.2	D3-8	-	-	60.4	0	0	22.5	70.3	0	0	70.3	70.7	70	Y	-	-	-	-	-	Y
R5502	3	19.9	D3-8	-	-	60.8	0	0	22.5	70.2	0	0	70.2	70.7	70	Y	-	-	-	-	-	Y
R5502	4	22.6	D3-8	-	-	61	0	0	22.5	70.2	0	0	70.2	70.7	70	Y	-	-	-	-	-	Y
R5502	5	25.3	D3-8	-	-	61.1	0	0	22.5	70.2	0	0	70.2	70.7	70	Y	-	-	-	-	-	Y
R5502	6	28.0	D3-8	-	-	61.2	0	0	22.5	70	0	0	70	70.5	70	Y	-	-	-	-	-	Y
R5502	7	30.7	D3-8	-	-	61.2	0	0	22.5	69.9	0	0	69.9	70.5	70	Y	-	-	-	-	-	Y
R5502	8	33.4	D3-8	-	-	61.2	0	0	22.4	69.7	0	0	69.7	70.3	70	N	-	-	-	-	-	N
R5502	9	36.1	D3-8	-	-	61.3	0	0	22.5	69.5	0	0	69.5	70.1	70	N	-	-	-	-	-	N
R5502	10	38.8	D3-8	-	-	61.3	0	0	22.5	69.4	0	0	69.4	70	70	N	-	-	-	-	-	N
R5502	11	41.5	D3-8	-	-	61.3	0	0	22.5	69.2	0	0	69.2	69.9	70	N	-	-	-	-	-	N
R5502	12	44.2	D3-8	-	-	61.4	0	0	22.6	69.1	0	0	69.1	69.7	70	N	-	-	-	-	-	N
R5502	13	46.9	D3-8	-	-	61.4	0	0	22.7	68.9	0	0	68.9	69.6	70	N	-	-	-	-	-	N
R5502	14	49.6	D3-8	-	-	61.5	0	0	22.7	68.7	0	0	68.7	69.4	70	N	-	-	-	-	-	N
R5502	15	52.3	D3-8	-	-	61.5	0	0	22.8	68.6	0	0	68.6	69.4	70	N	-	-	-	-	-	N
R5502	16	55.0	D3-8	-	-	61.5	0	0	22.8	68.4	0	0	68.4	69.2	70	N	-	-	-	-	-	N
R5502	17	57.7	D3-8	-	-	61.6	0	0	22.9	68.2	0	0	68.2	69.1	70	N	-	-	-	-	-	N
R5502	18	60.4	D3-8	-	-	61.6	0	0	23	68	0	0	68	68.9	70	N	-	-	-	-	-	N
R5502	19	63.1	D3-8	-	-	61.6	0	0	23.1	67.9	0	0	67.9	68.8	70	N	-	-	-	-	-	N
R5502	20	65.8	D3-8	-	-	61.5	0	0	23.2	67.8	0	0	67.8	68.7	70	N	-	-	-	-	-	N
R5502	21	68.5	D3-8	-	-	61.5	0	0	23.3	67.7	0	0	67.7	68.6	70	N	-	-	-	-	-	N
R5502	22	71.2	D3-8	-	-	61.5	0	0	23.4	67.5	0	0	67.5	68.5	70	N	-	-	-	-	-	N
R5502	23	73.9	D3-8	-	-	61.4	0	0	23.6	67.4	0	0	67.4	68.4	70	N	-	-	-	-	-	N
R5502	24	76.6	D3-8	-	-	61.4	0	0	23.9	67.2	0	0	67.2	68.2	70	N	-	-	-	-	-	N
R5502	25	79.3	D3-8	-	-	61.3	0	0	24.3	67.1	0	0	67.1	68.1	70	N	-	-	-	-	-	N
R5502	26	82.0	D3-8	-	-	61.3	0	0	24.8	66.9	0	0	66.9	68	70	N	-	-	-	-	-	N
R5502	27	84.7	D3-8	-	-	61.2	0	0	25.4	66.8	0	0	66.8	67.9	70	N	-	-	-	-	-	N
R5502	28	87.4	D3-8	-	-	61.2	0	0	26	66.7	0	0	66.7	67.8	70	N	-	-	-	-	-	N
R5502	29	90.1	D3-8	-	-	61.1	0	0	26.7	66.6	0	0	66.6	67.7	70	N	-	-	-	-	-	N
R5502	30	92.8	D3-8	-	-	61.1	0	0	27.4	66.5	0	0	66.5	67.6	70	N	-	-	-	-	-	N
R5503	1	14.5	D3-8	-	-	24	0	0	21.5	71.3	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y
R5503	2	17.2	D3-8	-	-	24.7	0	0	21.5	71.1	0	0	71.1	71.1	70	Y	-	-	-	-	-	Y
R5503	3	19.9	D3-8	-	-	25.3	0	0	21.5	70.8	0	0	70.8	70.8	70	Y	-	-	-	-	-	Y
R5503	4	22.6	D3-8	-	-	26	0	0	21.5	70.5	0	0	70.5	70.5	70	Y	-	-	-	-	-	Y
R5503	5	25.3	D3-8	-	-	26.8	0	0	21.5	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5503	6	28.0	D3-8	-	-	27.5	0	0	21.5	69.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5503	7	30.7	D3-8	-	-	28.2	0	0	21.5	69.5	0	0	69.5	69.5	70	N	-	-	-	-	-	N
R5503	8	33.4	D3-8	-	-	28.8	0	0	21.5	69.2	0	0	69.2	69.2	70	N	-	-	-	-	-	N
R5503	9	36.1	D3-8	-	-	29.5	0	0	21.5	68.9	0	0	68.9	68.9	70	N	-	-	-	-	-	N
R5503	10	38.8	D3-8	-	-	30.2	0	0	21.5	68.7	0	0	68.7	68.7	70	N	-	-	-	-	-	N
R5503	11	41.5	D3-8	-	-	31	0	0	21.5	68.4	0	0	68.4	68.4	70	N	-	-	-	-	-	N
R5503	12	44.2	D3-8	-	-	31.8	0	0	21.6	68.2	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5503	13	46.9	D3-8	-	-	32.6	0	0	21.6	67.9	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5503	14	49.6	D3-8	-	-	33.4	0	0	21.6	67.7	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R5503	15	52.3	D3-8	-	-	34.4	0	0	21.7	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R5503	16	55.0	D3-8	-	-	35.4	0	0	21.7	67.3	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R5503	17	57.7	D3-8	-	-	36.4	0	0	21.8	67.1	0	0	67.1	67.1	70	N	-	-	-	-	-	N
R5503	18	60.4	D3-8	-	-	37.6	0	0	21.8	66.9	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R5503	19	63.1	D3-8	-	-	39.1	0	0	21.8	66.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5503	20	65.8	D3-8	-	-	40.6	0	0	21.9	66.6	0	0	66.6	66.6	70	N	-	-	-	-	-	N
R5503	21	68.5	D3-8	-	-	42.6	0	0	21.9	66.4	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5503	22	71.2	D3-8	-	-	44	0	0	21.9	66.2	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5503	23	73.9	D3-8	-	-	45.3	0	0	22	66.1	0	0	66.1	66.1	70	N	-	-	-	-	-	N
R5503	24	76.6	D3-8	-	-	46.1	0	0	22.1	65.9	0	0	65.9	66	70	N	-	-	-	-	-	N
R5503	25	79.3	D3-8	-	-	46.8	0	0	22.6	65.8	0	0	65.8	65.8	70	N	-	-	-	-	-	N
R5503	26	82.0	D3-8	-	-	47.3	0	0	23.1	65.6	0	0	65.6	65.7	70	N	-	-	-	-	-	N
R5503	27	84.7	D3-8	-	-	47.6	0	0	23.8	65.5	0	0	65.5	65.6	70	N	-	-	-	-	-	N
R5503	28	87.4	D3-8	-	-	47.9	0	0	24.5	65.4	0	0	65.4	65.4	70	N	-	-	-	-	-	N
R5503	29	90.1	D3-8	-	-	48.2	0	0	25.2	65.2	0	0	65.2	65.3	70	N	-	-	-	-	-	N
R5503	30	92.8	D3-8	-	-	48.5	0	0	26	65.1	0	0	65.1	65.2	70	N	-	-	-	-	-	N
R5504	1	14.5	D3-8	-	-	23.8	0	13.9	20.5	71.6	0	0	71.6	71.6	70	Y	-	-	-	-	-	Y
R5504	2	17.2	D3-8	-	-	24.5	0	13.9	20.5	71.3	0	0	71.3	71.3	70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5504	3	19.9	D3-8	-	-	25.3	0	13.9	20.4	70.9	0	0	70.9	70.9	70	Y	-	-	-	-	-	Y
R5504	4	22.6	D3-8	-	-	26.2	0	13.9	20.4	70.6	0	0	70.6	70.6	70	Y	-	-	-	-	-	Y
R5504	5	25.3	D3-8	-	-	27.1	0	13.9	20.4	70.1	0	0	70.1	70.1	70	N	-	-	-	-	-	N
R5504	6	28.0	D3-8	-	-	28	0	13.7	20.4	69.8	0	0	69.8	69.8	70	N	-	-	-	-	-	N
R5504	7	30.7	D3-8	-	-	28.9	0	13.7	20.4	69.4	0	0	69.4	69.4	70	N	-	-	-	-	-	N
R5504	8	33.4	D3-8	-	-	29.7	0	13.9	20.4	69.1	0	0	69.1	69.1	70	N	-	-	-	-	-	N
R5504	9	36.1	D3-8	-	-	30.5	0	13.9	20.4	68.8	0	0	68.8	68.8	70	N	-	-	-	-	-	N
R5504	10	38.8	D3-8	-	-	31.3	0	14	20.6	68.5	0	0	68.5	68.5	70	N	-	-	-	-	-	N
R5504	11	41.5	D3-8	-	-	32.2	0	14	20.6	68.2	0	0	68.2	68.2	70	N	-	-	-	-	-	N
R5504	12	44.2	D3-8	-	-	33.2	0	13.8	20.6	67.9	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R5504	13	46.9	D3-8	-	-	34.2	0	13.9	20.6	67.6	0	0	67.6	67.6	70	N	-	-	-	-	-	N
R5504	14	49.6	D3-8	-	-	35.2	0	14.1	20.6	67.4	0	0	67.4	67.4	70	N	-	-	-	-	-	N
R5504	15	52.3	D3-8	-	-	36.3	0	14.1	20.6	67.2	0	0	67.2	67.2	70	N	-	-	-	-	-	N
R5504	16	55.0	D3-8	-	-	37.5	0	14.1	20.6	67	0	0	67	67	70	N	-	-	-	-	-	N
R5504	17	57.7	D3-8	-	-	38.9	0	14.2	20.6	66.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R5504	18	60.4	D3-8	-	-	40.8	0	14.2	20.6	66.5	0	0	66.5	66.5	70	N	-	-	-	-	-	N
R5504	19	63.1	D3-8	-	-	42.5	0	14.2	20.6	66.4	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R5504	20	65.8	D3-8	-	-	44.5	0	14.2	20.6	66.2	0	0	66.2	66.2	70	N	-	-	-	-	-	N
R5504	21	68.5	D3-8	-	-	46.2	0	14.3	20.6	66	0	0	66	66	70	N	-	-	-	-	-	N
R5504	22	71.2	D3-8	-	-	47.1	0	14.3	20.6	65.8	0	0	65.8	65.9	70	N	-	-	-	-	-	N
R5504	23	73.9	D3-8	-	-	47.9	0	14	20.6	65.7	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R5504	24	76.6	D3-8	-	-	48.4	0	14.2	20.7	65.6	0	0	65.6	65.6	70	N	-	-	-	-	-	N
R5504	25	79.3	D3-8	-	-	48.8	0	14.3	20.8	65.4	0	0	65.4	65.5	70	N	-	-	-	-	-	N
R5504	26	82.0	D3-8	-	-	49.1	0	14.5	21	65.2	0	0	65.2	65.3	70	N	-	-	-	-	-	N
R5504	27	84.7	D3-8	-	-	49.6	0	14.7	21.8	65.1	0	0	65.1	65.2	70	N	-	-	-	-	-	N
R5504	28	87.4	D3-8	-	-	50.1	0	14.9	22.7	65	0	0	65	65.1	70	N	-	-	-	-	-	N
R5504	29	90.1	D3-8	-	-	50.5	0	15	23.7	64.9	0	0	64.9	65	70	N	-	-	-	-	-	N
R5504	30	92.8	D3-8	-	-	50.8	0	15.2	24.6	64.8	0	0	64.8	64.9	70	N	-	-	-	-	-	N
R5505	1	14.5	D3-8	-	-	38.1	0	0	17.8	43.5	0	0	43.5	44.6	70	N	-	-	-	-	-	N
R5505	2	17.2	D3-8	-	-	40	0	0	17.8	47.1	0	0	47.1	47.9	70	N	-	-	-	-	-	N
R5505	3	19.9	D3-8	-	-	42	0	0	17.8	50.5	0	0	50.5	51	70	N	-	-	-	-	-	N
R5505	4	22.6	D3-8	-	-	44.8	0	0	17.8	53.8	0	0	53.8	54.3	70	N	-	-	-	-	-	N
R5505	5	25.3	D3-8	-	-	47.4	0	0	17.7	56.8	0	0	56.8	57.3	70	N	-	-	-	-	-	N
R5505	6	28.0	D3-8	-	-	49.4	0	0	17.8	58	0	0	58	58.5	70	N	-	-	-	-	-	N
R5505	7	30.7	D3-8	-	-	50.5	0	0	17.8	58.6	0	0	58.6	59.2	70	N	-	-	-	-	-	N
R5505	8	33.4	D3-8	-	-	51.1	0	0	17.8	59.2	0	0	59.2	59.9	70	N	-	-	-	-	-	N
R5505	9	36.1	D3-8	-	-	51.4	0	0	17.8	59.8	0	0	59.8	60.4	70	N	-	-	-	-	-	N
R5505	10	38.8	D3-8	-	-	51.7	0	0	17.8	60.3	0	0	60.3	60.9	70	N	-	-	-	-	-	N
R5505	11	41.5	D3-8	-	-	52	0	0	17.8	60.9	0	0	60.9	61.4	70	N	-	-	-	-	-	N
R5505	12	44.2	D3-8	-	-	52.3	0	0	17.8	61.3	0	0	61.3	61.8	70	N	-	-	-	-	-	N
R5505	13	46.9	D3-8	-	-	52.6	0	0	17.8	61.6	0	0	61.6	62.1	70	N	-	-	-	-	-	N
R5505	14	49.6	D3-8	-	-	52.9	0	0	17.9	61.9	0	0	61.9	62.4	70	N	-	-	-	-	-	N
R5505	15	52.3	D3-8	-	-	53	0	0	17.9	62.1	0	0	62.1	62.6	70	N	-	-	-	-	-	N
R5505	16	55.0	D3-8	-	-	53.2	0	0	17.9	62.2	0	0	62.2	62.7	70	N	-	-	-	-	-	N
R5505	17	57.7	D3-8	-	-	53.3	0	0	17.9	62.4	0	0	62.4	62.9	70	N	-	-	-	-	-	N
R5505	18	60.4	D3-8	-	-	53.3	0	0	17.9	62.4	0	0	62.4	62.9	70	N	-	-	-	-	-	N
R5505	19	63.1	D3-8	-	-	53.4	0	0	17.9	62.4	0	0	62.4	62.9	70	N	-	-	-	-	-	N
R5505	20	65.8	D3-8	-	-	53.4	0	0	17.9	62.4	0	0	62.4	62.9	70	N	-	-	-	-	-	N
R5505	21	68.5	D3-8	-	-	53.4	0	0	17.9	62.3	0	0	62.3	62.9	70	N	-	-	-	-	-	N
R5505	22	71.2	D3-8	-	-	53.3	0	0	17.8	62.3	0	0	62.3	62.8	70	N	-	-	-	-	-	N
R5505	23	73.9	D3-8	-	-	53.3	0	0	17.9	62.2	0	0	62.2	62.8	70	N	-	-	-	-	-	N
R5505	24	76.6	D3-8	-	-	53.3	0	0	18	62.2	0	0	62.2	62.7	70	N	-	-	-	-	-	N
R5505	25	79.3	D3-8	-	-	53.3	0	0	18.2	62.1	0	0	62.1	62.7	70	N	-	-	-	-	-	N
R5506	1	14.5	D3-8	-	-	72	0	17.5	7.8	0	0	0	17.9	72	70	Y	-	-	-	-	-	Y
R5506	2	17.2	D3-8	-	-	72.4	0	17.5	7.8	0	0	0	17.9	72.4	70	Y	-	-	-	-	-	Y
R5506	3	19.9	D3-8	-	-	72.4	0	17.5	7.8	0	0	0	17.9	72.4	70	Y	-	-	-	-	-	Y
R5506	4	22.6	D3-8	-	-	72.4	0	17.5	7.8	0	0	0	17.9	72.4	70	Y	-	-	-	-	-	Y
R5506	5	25.3	D3-8	-	-	72.2	0	17.5	7.8	0	0	0	17.9	72.2	70	Y	-	-	-	-	-	Y
R5506	6	28.0	D3-8	-	-	72	0	17.5	7.8	0	0	0	17.9	72	70	Y	-	-	-	-	-	Y
R5506	7	30.7	D3-8	-	-	71.9	0	17.5	7.8	0	0	0	17.9	71.9	70	Y	-	-	-	-	-	Y
R5506	8	33.4	D3-8	-	-	71.7	0	17.5	7.8	0	0	0	17.9	71.7	70	Y	-	-	-	-	-	Y
R5506	9	36.1	D3-8	-	-	71.5	0	17.5	7.8	0	0	0	17.9	71.5	70	Y	-	-	-	-	-	Y
R5506	10	38.8	D3-8	-	-	71.3	0	17.5	7.8	0	0	0	17.9	71.3	70	Y	-	-	-	-	-	Y
R5506	11	41.5	D3-8	-	-	71.1	0	17.5	7.8	0	0	0	17.9	71.1	70	Y	-	-	-	-	-	Y
R5506	12	44.2	D3-8	-	-	70.9	0	17.5	7.8	0	0	0	17.9	70.9	70	Y	-	-	-	-	-	Y
R5506	13	46.9	D3-8	-	-	70.7	0	17.5	7.8	0	0	0	17.9	70.7	70	Y	-	-	-	-	-	Y
R5506	14	49.6	D3-8	-	-	70.6	0	17.5	7.8	0	0	0	17.9	70.6	70	Y	-	-	-	-	-	Y
R5506	15	52.3	D3-8	-	-	70.4	0	17.5	7.8	0	0	0	17.9	70.4	70	N	-	-	-	-	-	N
R5506	16	55.0	D3-8	-	-	70.3	0	17.4	7.8	0	0	0	17.9	70.3	70	N	-	-	-	-	-	N
R5506	17	57.7	D3-8	-	-	70.1	0	17.4	7.7	0	0	0	17.8	70.1	70	N	-	-	-	-	-	N
R5506	18	60.4	D3-8	-	-	70	0	17.4	7.7	0	0	0	17.8	70	70	N	-	-	-	-	-	N
R5506	19	63.1	D3-8	-	-	69.8	0	17.4	7.7	0	0	0	17.8	69.8	70	N	-	-	-	-	-	N
R5506	20	65.8	D3-8	-	-	69.7	0	17.4	7.7	0	0	0	17.8	69.7	70	N	-	-	-	-	-	N
R5506	21	68.5	D3-8	-	-	69.6	0	17.4	7.7	0	0	0	17.8	69.6	70	N	-	-	-	-	-	N
R5506	22	71.2	D3-8	-	-	69.4	0	17.4	7.7	0	0	0	17.8	69.4	70	N	-	-	-	-	-	N
R5506	23	73.9	D3-8	-	-	69.3	0	17.4	7.7	0	0	0	17.8	69.3	70	N	-	-	-	-	-	N
R5506	24	76.6	D3-8	-	-	69.2	0	17.4	7.7	0	0	0	17.8	69.2	70	N	-	-	-	-	-	N
R5506	25	79.3	D3-8	-	-	69	0	17.2	7.7	0	0	0	17.7	69	70	N	-	-	-	-	-	N
R5507	1	14.5	D3-8	-	-	72.4	0	14.8	0	0	0	0	14.8	72.4	70	Y	-	-	-	-	-	Y
R5507	2	17.2	D3-8	-	-	72.8	0	14.8	0	0	0	0	14.8	72.8	70	Y	-	-	-	-	-	Y
R5507	3	19.9	D3-8	-	-	72.9	0	14.8	0	0	0	0	14.8	72.9	70	Y	-	-	-	-	-	Y
R5507	4	22.6	D3-8	-	-	72.8	0	14.8	0	0	0	0	14.8	72.8	70	Y	-	-	-	-	-	Y
R5507	5	25.3	D3-8	-	-	72.6	0	14.8	0	0	0	0	14.8	72.6	70	Y	-	-	-	-	-	Y
R5507	6	28.0	D3-8	-	-	72.5	0	14.8	0	0	0	0	14.8	72.5	70	Y	-	-	-	-	-	Y
R5507	7	30.7	D3-8	-	-	72.3	0	14.8	0	0	0	0	14.8	72.3	70	Y	-	-	-	-	-	Y
R5507	8	33.4	D3-8	-	-	72.1	0	14.8	0	0	0	0	14.8	72.1	70	Y	-	-	-	-	-	Y
R5507	9	36.1	D3-8	-	-	72	0	14.7	0	0	0	0	14.7	72	70	Y	-	-	-	-	-	Y
R5507	10	38.8	D3-8	-	-	71.8	0	14.7	0	0	0	0	14.7	71.8	70	Y	-	-	-	-	-	Y
R5507	11	41.5	D3-8	-	-	71.6	0	14.7	0	0	0	0	14.7	71.6	70	Y	-	-	-	-	-	Y
R5507	12	44.2	D3-8	-	-	71.4	0	14.7	0	0	0	0	14.7	71.4	70	Y	-	-	-	-	-	Y
R5507	13	46.9	D3-8	-	-	71.3	0	14.7	0	0	0	0	14.7	71.3	70	Y	-	-	-	-	-	Y
R5507	14	49.6	D3-8	-	-	71.1	0	14.7	0	0	0	0	14.7	71.1	70	Y	-	-	-	-	-	Y
R5507	15	52.3	D3-8	-	-	71	0	14.7	0	0	0	0	14.7	71	70	Y	-	-	-	-	-	Y
R5507	16	55.0	D3-8	-	-	70.8	0	14.7	0	0	0	0	14.7	70.8	70	Y	-	-	-	-	-	Y
R5507	17	57.7	D3-8	-	-	70.6	0	14.7	0	0	0	0	14.7	70.6	70	Y	-	-	-	-	-	Y
R5507	18	60.4	D3-8	-	-	70.5	0	14.7	0	0	0	0	14.7	70.5	70	Y	-	-	-	-	-	Y
R5507	19	63.1	D3-8	-	-	70.3	0	14.7	0	0	0	0	14.7	70.3	70	N	-	-	-	-	-	N
R5507	20	65.8	D3-8	-	-	70.2	0	14.7	0	0	0	0	14.7	70.2	70	N	-	-	-	-	-	N
R5507	21	68.5	D3-8	-	-	70	0	14.7	0	0	0	0	14.7	70	70	N	-	-	-	-	-	N
R5507	22	71.2	D3-8	-	-	69.9	0	14.7	0	0	0	0	14.7	69.9	70	N	-	-	-	-	-	N
R5507	23	73.9	D3-8	-	-	69.8	0	14.7	0	0	0	0	14.7	69.8	70	N	-	-	-	-	-	N
R5507	24	76.6	D3-8	-	-	69.6	0	14.7	0	0	0	0	14.7	69.6	70	N	-	-	-	-	-	N
R5507	25	79.3	D3-8	-	-	69.5	0	14.6	0	0	0	0	14.6	69.5	70	N	-	-	-	-	-	N
R5508	1	14.5	D3-8	-	-	61	0	0	16.9	42.3	0	0	42.3	61	70	N	-	-	-	-	-	N
R5508	2	17.2	D3-8	-	-	61.8	0	0	16.9	46.1	0	0	46.1	61.9	70	N	-	-	-	-	-	N
R5508	3	19.9	D3-8	-	-	63.3	0	0	16.9	49	0	0	49	63.4	70	N	-	-	-	-	-	N
R5508	4	22.6	D3-8	-	-	65.4	0	0	16.9	50.7	0	0	50.7	65.6	70	N	-	-	-	-	-	N
R5508	5	25.3	D3-8	-	-	67.6	0	0	16.9	52.9	0	0	52.9	67.7	70	N	-	-	-	-	-	N
R5508	6	28.0	D3-8	-	-	68.4	0	0	16.9	55.3	0	0	55.3	68.6	70	N	-	-	-	-	-	N
R5508	7	30.7	D3-8	-	-	68.6	0	0	16.9	57.4	0	0	57.4	68.9	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5508	8	33.4	D3-8	-	-	68.6	0	0	16.9	58.5	0	0	58.5	69	70	N	-	-	-	-	-	N
R5508	9	36.1	D3-8	-	-	68.5	0	0	16.9	59.2	0	0	59.2	69	70	N	-	-	-	-	-	N
R5508	10	38.8	D3-8	-	-	68.4	0	0	16.9	59.4	0	0	59.4	68.9	70	N	-	-	-	-	-	N
R5508	11	41.5	D3-8	-	-	68.3	0	0	17	59.4	0	0	59.4	68.8	70	N	-	-	-	-	-	N
R5508	12	44.2	D3-8	-	-	68.1	0	0	17	59.6	0	0	59.6	68.7	70	N	-	-	-	-	-	N
R5508	13	46.9	D3-8	-	-	68	0	0	17.1	59.6	0	0	59.6	68.6	70	N	-	-	-	-	-	N
R5508	14	49.6	D3-8	-	-	67.9	0	0	17.1	59.6	0	0	59.6	68.5	70	N	-	-	-	-	-	N
R5508	15	52.3	D3-8	-	-	67.8	0	0	17.1	59.6	0	0	59.6	68.4	70	N	-	-	-	-	-	N
R5508	16	55.0	D3-8	-	-	67.6	0	0	17.2	59.6	0	0	59.6	68.3	70	N	-	-	-	-	-	N
R5508	17	57.7	D3-8	-	-	67.5	0	0	17.1	59.5	0	0	59.5	68.2	70	N	-	-	-	-	-	N
R5508	18	60.4	D3-8	-	-	67.4	0	0	17.2	59.5	0	0	59.5	68.1	70	N	-	-	-	-	-	N
R5508	19	63.1	D3-8	-	-	67.3	0	0	17.2	59.5	0	0	59.5	68	70	N	-	-	-	-	-	N
R5508	20	65.8	D3-8	-	-	67.2	0	0	17.2	59.5	0	0	59.5	67.9	70	N	-	-	-	-	-	N
R5508	21	68.5	D3-8	-	-	67.1	0	0	17.2	59.5	0	0	59.5	67.8	70	N	-	-	-	-	-	N
R5508	22	71.2	D3-8	-	-	67	0	0	17.2	59.4	0	0	59.4	67.7	70	N	-	-	-	-	-	N
R5508	23	73.9	D3-8	-	-	66.8	0	0	17.1	59.4	0	0	59.4	67.5	70	N	-	-	-	-	-	N
R5508	24	76.6	D3-8	-	-	66.7	0	0	17.3	59.3	0	0	59.3	67.5	70	N	-	-	-	-	-	N
R5508	25	79.3	D3-8	-	-	66.6	0	0	17.5	59.3	0	0	59.3	67.4	70	N	-	-	-	-	-	N
R5521	1	10.5	D3-11	-	-	21.2	0	0	16.2	71.2	0	0	71.2	71.2	65	Y	-	-	-	-	-	Y
R5521	2	13.2	D3-11	-	-	21.2	0	0	16.2	71.1	0	0	71.1	71.1	65	Y	-	-	-	-	-	Y
R5521	3	15.9	D3-11	-	-	21.2	0	0	16.2	70.8	0	0	70.8	70.8	65	Y	-	-	-	-	-	Y
R5521	4	18.6	D3-11	-	-	21.2	0	0	16.2	70.5	0	0	70.5	70.5	65	Y	-	-	-	-	-	Y
R5521	5	21.3	D3-11	-	-	21.2	0	0	16.2	70.2	0	0	70.2	70.2	65	Y	-	-	-	-	-	Y
R5521	6	24.0	D3-11	-	-	21.2	0	0	16.2	69.8	0	0	69.8	69.8	65	Y	-	-	-	-	-	Y
R5521	7	26.7	D3-11	-	-	21.2	0	0	16.2	69.5	0	0	69.5	69.5	65	Y	-	-	-	-	-	Y
R5521	8	29.4	D3-11	-	-	21.2	0	0	16.2	69.1	0	0	69.1	69.1	65	Y	-	-	-	-	-	Y
R5522	1	10.5	D3-11	-	-	64.7	0	16.5	9	51.4	0	0	51.4	64.9	65	N	-	-	-	-	-	N
R5522	2	13.2	D3-11	-	-	66.6	0	16.5	9	51.4	0	0	51.4	66.7	65	Y	-	-	-	-	-	Y
R5522	3	15.9	D3-11	-	-	67.5	0	16.5	9	51.4	0	0	51.4	67.6	65	Y	-	-	-	-	-	Y
R5522	4	18.6	D3-11	-	-	68	0	16.5	9	51.4	0	0	51.4	68.1	65	Y	-	-	-	-	-	Y
R5522	5	21.3	D3-11	-	-	68.2	0	16.5	9	51.4	0	0	51.4	68.3	65	Y	-	-	-	-	-	Y
R5522	6	24.0	D3-11	-	-	68.2	0	16.5	9	51.4	0	0	51.4	68.3	65	Y	-	-	-	-	-	Y
R5522	7	26.7	D3-11	-	-	68.3	0	16.5	9	51.4	0	0	51.4	68.4	65	Y	-	-	-	-	-	Y
R5522	8	29.4	D3-11	-	-	68.3	0	16.5	9	51.4	0	0	51.4	68.3	65	Y	-	-	-	-	-	Y
R5523	1	10.5	D3-11	-	-	55.7	0	0	16.7	66.5	0	0	66.5	66.9	65	Y	-	-	-	-	-	Y
R5523	2	13.2	D3-11	-	-	57.6	0	0	16.7	66.5	0	0	66.5	67	65	Y	-	-	-	-	-	Y
R5523	3	15.9	D3-11	-	-	58.8	0	0	16.7	66.3	0	0	66.3	67	65	Y	-	-	-	-	-	Y
R5523	4	18.6	D3-11	-	-	59.3	0	0	16.7	66.1	0	0	66.1	66.9	65	Y	-	-	-	-	-	Y
R5523	5	21.3	D3-11	-	-	59.6	0	0	16.7	65.8	0	0	65.8	66.8	65	Y	-	-	-	-	-	Y
R5523	6	24.0	D3-11	-	-	59.8	0	0	16.7	65.6	0	0	65.6	66.6	65	Y	-	-	-	-	-	Y
R5523	7	26.7	D3-11	-	-	59.9	0	0	16.7	65.3	0	0	65.3	66.4	65	Y	-	-	-	-	-	Y
R5523	8	29.4	D3-11	-	-	59.9	0	0	16.7	65	0	0	65	66.2	65	Y	-	-	-	-	-	Y
R5524	1	10.5	D3-11	-	-	52.5	0	18.2	8.8	67.1	0	0	67.1	67.2	65	Y	-	-	-	-	-	Y
R5524	2	13.2	D3-11	-	-	53.4	0	18.2	8.8	67	0	0	67	67.2	65	Y	-	-	-	-	-	Y
R5524	3	15.9	D3-11	-	-	54.2	0	18.2	8.8	66.9	0	0	66.9	67.1	65	Y	-	-	-	-	-	Y
R5524	4	18.6	D3-11	-	-	54.8	0	18.2	8.9	66.6	0	0	66.6	66.9	65	Y	-	-	-	-	-	Y
R5524	5	21.3	D3-11	-	-	55.1	0	18.2	8.9	66.4	0	0	66.4	66.7	65	Y	-	-	-	-	-	Y
R5524	6	24.0	D3-11	-	-	55.4	0	18.2	9	66.1	0	0	66.1	66.5	65	Y	-	-	-	-	-	Y
R5524	7	26.7	D3-11	-	-	55.6	0	18.2	9.1	65.8	0	0	65.8	66.2	65	Y	-	-	-	-	-	Y
R5524	8	29.4	D3-11	-	-	55.8	0	18.2	9.1	65.6	0	0	65.6	66	65	Y	-	-	-	-	-	Y
R5541	1	10.5	D3-12	-	-	60.8	0	32.6	11.8	66.6	0	0	66.6	67.6	65	Y	-	-	-	-	-	Y
R5541	2	13.2	D3-12	-	-	61.5	0	32.6	11.8	66.6	0	0	66.6	67.8	65	Y	-	-	-	-	-	Y
R5541	3	15.9	D3-12	-	-	62.1	0	32.6	11.8	66.6	0	0	66.6	67.9	65	Y	-	-	-	-	-	Y
R5541	4	18.6	D3-12	-	-	62.4	0	32.6	11.8	66.6	0	0	66.6	68	65	Y	-	-	-	-	-	Y
R5541	5	21.3	D3-12	-	-	62.7	0	32.6	11.8	66.6	0	0	66.6	68.1	65	Y	-	-	-	-	-	Y
R5541	6	24.0	D3-12	-	-	62.9	0	32.7	11.8	66.6	0	0	66.6	68.1	65	Y	-	-	-	-	-	Y
R5541	7	26.7	D3-12	-	-	63	0	32.7	11.8	66.6	0	0	66.6	68.2	65	Y	-	-	-	-	-	Y
R5541	8	29.4	D3-12	-	-	63	0	32.7	11.7	66.5	0	0	66.5	68.1	65	Y	-	-	-	-	-	Y
R5542	1	10.5	D3-12	-	-	63.5	0	24.4	10.6	66.3	0	0	66.3	68.1	65	Y	-	-	-	-	-	Y
R5542	2	13.2	D3-12	-	-	64.7	0	24.4	10.6	66.3	0	0	66.3	68.5	65	Y	-	-	-	-	-	Y
R5542	3	15.9	D3-12	-	-	65.4	0	24.4	10.6	66.3	0	0	66.3	68.9	65	Y	-	-	-	-	-	Y
R5542	4	18.6	D3-12	-	-	65.8	0	24.4	10.6	66.2	0	0	66.2	69	65	Y	-	-	-	-	-	Y
R5542	5	21.3	D3-12	-	-	66	0	24.4	10.6	66.2	0	0	66.2	69.1	65	Y	-	-	-	-	-	Y
R5542	6	24.0	D3-12	-	-	66	0	24.4	10.6	66.2	0	0	66.2	69.1	65	Y	-	-	-	-	-	Y
R5542	7	26.7	D3-12	-	-	66.1	0	24.4	10.6	66.2	0	0	66.2	69.1	65	Y	-	-	-	-	-	Y
R5542	8	29.4	D3-12	-	-	66.1	0	24.4	10.6	66.1	0	0	66.1	69.1	65	Y	-	-	-	-	-	Y
R5543	1	10.5	D3-12	-	-	65.6	0	23.9	10.5	59.5	0	0	59.5	66.5	65	Y	-	-	-	-	-	Y
R5543	2	13.2	D3-12	-	-	67.1	0	23.9	10.5	59.5	0	0	59.5	67.8	65	Y	-	-	-	-	-	Y
R5543	3	15.9	D3-12	-	-	67.9	0	24	10.4	59.5	0	0	59.5	68.5	65	Y	-	-	-	-	-	Y
R5543	4	18.6	D3-12	-	-	68.3	0	24	10.4	59.5	0	0	59.5	68.8	65	Y	-	-	-	-	-	Y
R5543	5	21.3	D3-12	-	-	68.5	0	24	10.4	59.4	0	0	59.4	69	65	Y	-	-	-	-	-	Y
R5543	6	24.0	D3-12	-	-	68.6	0	24	10.4	59.4	0	0	59.4	69.1	65	Y	-	-	-	-	-	Y
R5543	7	26.7	D3-12	-	-	68.5	0	24	10.4	59.4	0	0	59.4	69	65	Y	-	-	-	-	-	Y
R5543	8	29.4	D3-12	-	-	68.5	0	24	10.4	59.4	0	0	59.4	69	65	Y	-	-	-	-	-	Y
R5544	1	10.5	D3-12	-	-	52.5	0	0	13.8	66	0	0	66	66.2	65	Y	-	-	-	-	-	Y
R5544	2	13.2	D3-12	-	-	53.8	0	0	13.8	66	0	0	66	66.3	65	Y	-	-	-	-	-	Y
R5544	3	15.9	D3-12	-	-	54.8	0	0	13.8	65.8	0	0	65.8	66.2	65	Y	-	-	-	-	-	Y
R5544	4	18.6	D3-12	-	-	55.4	0	0	13.8	65.7	0	0	65.7	66.1	65	Y	-	-	-	-	-	Y
R5544	5	21.3	D3-12	-	-	55.8	0	0	13.8	65.5	0	0	65.5	65.9	65	Y	-	-	-	-	-	Y
R5544	6	24.0	D3-12	-	-	56.1	0	0	13.8	65.2	0	0	65.2	65.7	65	Y	-	-	-	-	-	Y
R5544	7	26.7	D3-12	-	-	56.2	0	0	13.8	65	0	0	65	65.5	65	Y	-	-	-	-	-	Y
R5544	8	29.4	D3-12	-	-	56.4	0	0	13.8	64.8	0	0	64.8	65.4	65	N	-	-	-	-	-	N
R5801	1	7.7	The Church of Christ in China Sheung Shui Church	76.4	77.2	76.6	0	46	0	0	0	0	46	76.6	65	Y	-0.6	N	N	0.0	N	N
R5801	2	10.4	The Church of Christ in China Sheung Shui Church	76.2	77.1	76.5	0	48.2	0	0	0	0	48.2	76.6	65	Y	-0.5	N	N	0.1	N	N
R5801	3	13.1	The Church of Christ in China Sheung Shui Church	75.8	76.7	76.3	0	51	0	0	0	0	51	76.3	65	Y	-0.4	N	N	0.0	N	N
R5801	4	15.8	The Church of Christ in China Sheung Shui Church	75.4	76.2	76	0	53.7	0	0	0	0	53.7	76.1	65	Y	-0.1	N	N	0.1	N	N
R5801	5	18.5	The Church of Christ in China Sheung Shui Church	74.9	75.7	75.7	0	55.5	0	0	0	0	55.5	75.8	65	Y	0.1	N	N	0.1	N	N
R5802	1	7.7	The Church of Christ in China Sheung Shui Church	71.8	72.3	72.1	0	30.5	0	8.1	0	0	30.6	72.1	65	Y	-0.2	N	N	0.0	N	N
R5802	2	10.4	The Church of Christ in China Sheung Shui Church	71.8	72.3	72.1	0	31.6	0	8.3	0	0	31.6	72.1	65	Y	-0.2	N	N	0.0	N	N
R5802	3	13.1	The Church of Christ in China Sheung Shui Church	71.7	72.2	72.1	0	33	0	8.3	0	0	33.1	72.1	65	Y	-0.1	N	N	0.0	N	N
R5802	4	15.8	The Church of Christ in China Sheung Shui Church	71.7	72.1	72	0	34	0	8.4	0	0	34	72	65	Y	-0.1	N	N	0.0	N	N
R5802	5	18.5	The Church of Christ in China Sheung Shui Church	71.6	72	72	0	35.5	0	8.4	0	0	35.5	72	65	Y	0.0	N	N	0.0	N	N
R5821	1	15.2	Tsui Lai Garden	74.3	74.3	74.7	0	46.4	35.3	43.1	0	0	48.3	74.7	70	Y	0.4	N	N	0.0	N	N
R5821	2	18.2	Tsui Lai Garden	74.1	74.1	74.4	0	46.6	37.5	45.8	0	0	49.5	74.5	70	Y	0.4	N	N	0.1	N	N
R5821	3	21.2	Tsui Lai Garden	73.7	73.7	74.1	0	46.6	39.4	47.2	0	0	50.3	74.1	70	Y	0.4	N	N	0.0	N	N
R5821	4	24.2	Tsui Lai Garden	73.3	73.3	73.7	0	46.6	40.2	48.2	0	0	50.9	73.7	70	Y	0.4	N	N	0.0	N	N
R5821	5	27.2	Tsui Lai Garden	72.9	72.9	73.3	0	46.6	40.5	48.7	0	0	51.2	73.3	70	Y	0.4	N	N	0.0	N	N
R5821	6	30.2	Tsui Lai Garden	72.5	72.5	72.9	0	46.6	40.7	49.2	0	0	51.5	72.9	70	Y	0.4	N	N	0.0	N	N
R5821	7	33.2	Tsui Lai Garden	72.2	72.2	72.5	0	46.6	40.7	49.6	0	0	51.8	72.6	70	Y	0.4	N	N	0.1	N	N
R5821	8	36.2	Tsui Lai Garden	71.8	71.8	72.2	0	46.6	40.7	50	0	0	52	72.2	70	Y	0.4	N	N	0.0	N	N
R5821	9	39.2	Tsui Lai Garden	71.4	71.4	71.8	0	46.6	40.7	50.4	0	0	52.2	71.8	70	Y	0.4	N	N	0.0	N	N
R5821	10	42.2	Tsui Lai Garden	71.1	71.1	71.5	0	46.6	40.7	50.6	0	0	52.3	71.5	70	Y	0.4	N	N	0.0	N	N
R5821	11	45.2	Tsui Lai Garden	70.8	70.9	71.2	0	46.6	40.7	50.8	0	0	52.5	71.3	70	Y	0.4	N	N	0.1	N	N
R5821	12	48.2	Tsui Lai Garden	70.6	70.6	70.9	0	46.6	40.7	51	0	0	52.6	71	70	Y	0.4	N	N	0.1	N	N
R5821	13	51.2	Tsui Lai Garden	70.3	70.3	70.6	0	46.6	40.7	51.2	0	0	52.7	70.7	70	Y	0.4	N	N	0.1	N	N
R5821	14	54.2	Tsui Lai Garden	70	70	70.4	0	46.6	40.7	51.3	0	0	52.8	70.4	70	N	0.4	N	N	0.0	N	N
R5821	15	57.2	Tsui Lai Garden	69.8	69.8	70.2	0	46.6	40.7	51.4	0	0	52.9	70.2	70	N	0.4	N	N	0.0	N	N
R5821	16	60.2	Tsui Lai Garden	69.6	69.6	69.9	0	46.6	40.6	51.4	0	0	52.9	70	70	N	0.4	N	N	0.1	N	N
R5821	17	63.2	Tsui Lai Garden	69.4	69.4	69.7	0	46.6	40.6	51.5	0	0	53	69.8	70	N	0.4	N	N	0.1	N	N
R5821	18	66.2	Tsui Lai Garden	69.2	69.2	69.5	0	46.6	40.6	51.5	0	0	53	69.6	70	N	0.4	N	N	0.1	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5821	19	69.2	Tsui Lai Garden	69	69	69.3	0	46.6	40.6	51.5	0	0	53	69.4	70	N	0.4	N	N	0.1	N	N
R5821	20	72.2	Tsui Lai Garden	68.8	68.8	69.2	0	46.6	40.6	51.5	0	0	53	69.3	70	N	0.5	N	N	0.1	N	N
R5821	21	75.2	Tsui Lai Garden	68.6	68.7	69	0	46.6	40.6	51.5	0	0	53	69.1	70	N	0.4	N	N	0.1	N	N
R5821	22	78.2	Tsui Lai Garden	68.5	68.5	68.8	0	46.6	40.6	51.5	0	0	53	68.9	70	N	0.4	N	N	0.1	N	N
R5821	23	81.2	Tsui Lai Garden	68.3	68.3	68.6	0	46.6	40.6	51.5	0	0	53	68.7	70	N	0.4	N	N	0.1	N	N
R5821	24	84.2	Tsui Lai Garden	68.2	68.2	68.5	0	46.6	40.5	51.5	0	0	53	68.6	70	N	0.4	N	N	0.1	N	N
R5821	25	87.2	Tsui Lai Garden	68	68	68.3	0	46.5	40.5	51.5	0	0	53	68.5	70	N	0.5	N	N	0.2	N	N
R5821	26	90.2	Tsui Lai Garden	67.8	67.9	68.1	0	46.5	40.5	51.5	0	0	53	68.3	70	N	0.4	N	N	0.2	N	N
R5821	27	93.2	Tsui Lai Garden	67.7	67.8	68.1	0	46.5	40.5	51.5	0	0	53	68.2	70	N	0.4	N	N	0.1	N	N
R5821	28	96.2	Tsui Lai Garden	67.6	67.6	67.9	0	46.5	40.5	51.6	0	0	53	68	70	N	0.4	N	N	0.1	N	N
R5821	29	99.2	Tsui Lai Garden	67.5	67.5	67.8	0	46.4	40.5	51.6	0	0	53	67.9	70	N	0.4	N	N	0.1	N	N
R5821	30	102.2	Tsui Lai Garden	67.4	67.4	67.7	0	46.4	40.4	51.6	0	0	53	67.8	70	N	0.4	N	N	0.1	N	N
R5822	1	15.2	Tsui Lai Garden	75	75	75.4	0	38.2	35.6	42.8	0	0	44.7	75.4	70	Y	0.4	N	N	0.0	N	N
R5822	2	18.2	Tsui Lai Garden	74.6	74.6	75	0	41.6	37.9	44.8	0	0	47.1	75	70	Y	0.4	N	N	0.0	N	N
R5822	3	21.2	Tsui Lai Garden	74.2	74.2	74.6	0	42.9	39.8	46.6	0	0	48.8	74.6	70	Y	0.4	N	N	0.0	N	N
R5822	4	24.2	Tsui Lai Garden	73.7	73.7	74.1	0	43.4	40.6	47.9	0	0	49.8	74.1	70	Y	0.4	N	N	0.0	N	N
R5822	5	27.2	Tsui Lai Garden	73.2	73.2	73.6	0	43.6	40.9	48.8	0	0	50.4	73.6	70	Y	0.4	N	N	0.0	N	N
R5822	6	30.2	Tsui Lai Garden	72.7	72.7	73.1	0	43.6	41	49.4	0	0	50.9	73.1	70	Y	0.4	N	N	0.0	N	N
R5822	7	33.2	Tsui Lai Garden	72.3	72.3	72.7	0	43.7	41.1	50	0	0	51.3	72.8	70	Y	0.5	N	N	0.1	N	N
R5822	8	36.2	Tsui Lai Garden	72	72	72.3	0	43.7	41.1	50.5	0	0	51.7	72.4	70	Y	0.4	N	N	0.1	N	N
R5822	9	39.2	Tsui Lai Garden	71.6	71.6	71.9	0	43.8	41.1	50.8	0	0	52	72	70	Y	0.4	N	N	0.1	N	N
R5822	10	42.2	Tsui Lai Garden	71.2	71.2	71.6	0	43.9	41.1	51.1	0	0	52.2	71.6	70	Y	0.4	N	N	0.0	N	N
R5822	11	45.2	Tsui Lai Garden	70.9	70.9	71.3	0	44.1	41	51.3	0	0	52.4	71.3	70	Y	0.4	N	N	0.0	N	N
R5822	12	48.2	Tsui Lai Garden	70.6	70.6	71	0	44.3	41	51.6	0	0	52.6	71.1	70	Y	0.5	N	N	0.1	N	N
R5822	13	51.2	Tsui Lai Garden	70.3	70.3	70.7	0	44.6	41	51.7	0	0	52.8	70.8	70	Y	0.5	N	N	0.1	N	N
R5822	14	54.2	Tsui Lai Garden	70	70	70.4	0	45	41	51.8	0	0	53	70.5	70	Y	0.5	N	N	0.1	N	N
R5822	15	57.2	Tsui Lai Garden	69.8	69.9	70.2	0	45.3	41	52	0	0	53.1	70.3	70	N	0.4	N	N	0.1	N	N
R5822	16	60.2	Tsui Lai Garden	69.6	69.6	69.9	0	45.6	41	52	0	0	53.2	70	70	N	0.4	N	N	0.1	N	N
R5822	17	63.2	Tsui Lai Garden	69.4	69.4	69.7	0	45.8	41	52.1	0	0	53.3	69.8	70	N	0.4	N	N	0.1	N	N
R5822	18	66.2	Tsui Lai Garden	69.2	69.2	69.5	0	45.9	41	52.2	0	0	53.4	69.6	70	N	0.4	N	N	0.1	N	N
R5822	19	69.2	Tsui Lai Garden	68.9	68.9	69.3	0	46	41	52.2	0	0	53.4	69.4	70	N	0.5	N	N	0.1	N	N
R5822	20	72.2	Tsui Lai Garden	68.7	68.7	69.1	0	46.1	41	52.2	0	0	53.4	69.2	70	N	0.5	N	N	0.1	N	N
R5822	21	75.2	Tsui Lai Garden	68.5	68.5	68.9	0	46.1	40.9	52.2	0	0	53.4	69	70	N	0.5	N	N	0.1	N	N
R5822	22	78.2	Tsui Lai Garden	68.4	68.4	68.8	0	46.1	40.9	52.2	0	0	53.4	68.9	70	N	0.5	N	N	0.1	N	N
R5822	23	81.2	Tsui Lai Garden	68.2	68.3	68.6	0	46.1	40.9	52.2	0	0	53.4	68.7	70	N	0.4	N	N	0.1	N	N
R5822	24	84.2	Tsui Lai Garden	68.1	68.1	68.4	0	46.1	40.9	52.2	0	0	53.4	68.5	70	N	0.4	N	N	0.1	N	N
R5822	25	87.2	Tsui Lai Garden	67.9	67.9	68.2	0	46.1	40.9	52.2	0	0	53.4	68.4	70	N	0.5	N	N	0.2	N	N
R5822	26	90.2	Tsui Lai Garden	67.8	67.8	68.1	0	46.1	40.9	52.2	0	0	53.4	68.3	70	N	0.5	N	N	0.2	N	N
R5822	27	93.2	Tsui Lai Garden	67.6	67.6	67.9	0	46.1	40.9	52.3	0	0	53.5	68.1	70	N	0.5	N	N	0.2	N	N
R5822	28	96.2	Tsui Lai Garden	67.5	67.5	67.8	0	46.1	40.8	52.3	0	0	53.5	68	70	N	0.5	N	N	0.2	N	N
R5822	29	99.2	Tsui Lai Garden	67.3	67.3	67.7	0	46.1	40.8	52.3	0	0	53.5	67.8	70	N	0.5	N	N	0.1	N	N
R5822	30	102.2	Tsui Lai Garden	67.2	67.2	67.6	0	46	40.8	52.3	0	0	53.5	67.7	70	N	0.5	N	N	0.1	N	N
R5823	1	15.2	Tsui Lai Garden	74.9	74.9	75.3	0	35.5	39.3	42.8	0	0	44.9	75.3	70	Y	0.4	N	N	0.0	N	N
R5823	2	18.2	Tsui Lai Garden	74.5	74.5	74.9	0	37.1	40	44.3	0	0	46.2	74.9	70	Y	0.4	N	N	0.0	N	N
R5823	3	21.2	Tsui Lai Garden	74.1	74.1	74.5	0	37.7	40.8	45.7	0	0	47.4	74.5	70	Y	0.4	N	N	0.0	N	N
R5823	4	24.2	Tsui Lai Garden	73.6	73.6	74	0	38	41.2	47.3	0	0	48.7	74	70	Y	0.4	N	N	0.0	N	N
R5823	5	27.2	Tsui Lai Garden	73.1	73.1	73.5	0	38.4	41.5	48.5	0	0	49.7	73.5	70	Y	0.4	N	N	0.0	N	N
R5823	6	30.2	Tsui Lai Garden	72.7	72.7	73.1	0	38.6	41.5	49.4	0	0	50.4	73.1	70	Y	0.4	N	N	0.0	N	N
R5823	7	33.2	Tsui Lai Garden	72.3	72.3	72.6	0	38.9	41.5	50.1	0	0	50.9	72.7	70	Y	0.4	N	N	0.1	N	N
R5823	8	36.2	Tsui Lai Garden	71.9	71.9	72.3	0	39.2	41.4	50.6	0	0	51.4	72.3	70	Y	0.4	N	N	0.0	N	N
R5823	9	39.2	Tsui Lai Garden	71.6	71.6	72	0	39.5	41.4	51	0	0	51.7	72	70	Y	0.4	N	N	0.0	N	N
R5823	10	42.2	Tsui Lai Garden	71.2	71.2	71.6	0	39.8	41.4	51.4	0	0	52.1	71.6	70	Y	0.4	N	N	0.0	N	N
R5823	11	45.2	Tsui Lai Garden	70.9	70.9	71.3	0	40.3	41.4	51.7	0	0	52.4	71.3	70	Y	0.4	N	N	0.0	N	N
R5823	12	48.2	Tsui Lai Garden	70.6	70.6	71	0	40.7	41.4	51.9	0	0	52.6	71.1	70	Y	0.5	N	N	0.1	N	N
R5823	13	51.2	Tsui Lai Garden	70.3	70.3	70.7	0	41.2	41.4	52.1	0	0	52.8	70.8	70	Y	0.5	N	N	0.1	N	N
R5823	14	54.2	Tsui Lai Garden	70	70	70.4	0	41.8	41.4	52.2	0	0	52.9	70.5	70	Y	0.5	N	N	0.1	N	N
R5823	15	57.2	Tsui Lai Garden	69.8	69.8	70.1	0	42.5	41.4	52.3	0	0	53	70.2	70	N	0.4	N	N	0.1	N	N
R5823	16	60.2	Tsui Lai Garden	69.6	69.6	69.9	0	43.1	41.4	52.4	0	0	53.2	70	70	N	0.4	N	N	0.1	N	N
R5823	17	63.2	Tsui Lai Garden	69.4	69.4	69.8	0	43.7	41.4	52.4	0	0	53.2	69.8	70	N	0.4	N	N	0.0	N	N
R5823	18	66.2	Tsui Lai Garden	69.1	69.1	69.5	0	44.1	41.4	52.4	0	0	53.3	69.6	70	N	0.5	N	N	0.1	N	N
R5823	19	69.2	Tsui Lai Garden	68.9	68.9	69.3	0	44.5	41.4	52.5	0	0	53.4	69.4	70	N	0.5	N	N	0.1	N	N
R5823	20	72.2	Tsui Lai Garden	68.7	68.7	69.1	0	44.8	41.3	52.5	0	0	53.4	69.2	70	N	0.5	N	N	0.1	N	N
R5823	21	75.2	Tsui Lai Garden	68.5	68.5	68.9	0	44.9	41.3	52.5	0	0	53.5	69	70	N	0.5	N	N	0.1	N	N
R5823	22	78.2	Tsui Lai Garden	68.4	68.4	68.8	0	45	41.3	52.5	0	0	53.5	68.9	70	N	0.5	N	N	0.1	N	N
R5823	23	81.2	Tsui Lai Garden	68.2	68.2	68.6	0	45.1	41.3	52.5	0	0	53.5	68.7	70	N	0.5	N	N	0.1	N	N
R5823	24	84.2	Tsui Lai Garden	68.1	68.1	68.4	0	45.2	41.3	52.5	0	0	53.5	68.6	70	N	0.5	N	N	0.2	N	N
R5823	25	87.2	Tsui Lai Garden	67.9	67.9	68.2	0	45.2	41.3	52.5	0	0	53.5	68.4	70	N	0.5	N	N	0.2	N	N
R5823	26	90.2	Tsui Lai Garden	67.8	67.8	68.1	0	45.2	41.3	52.5	0	0	53.5	68.3	70	N	0.5	N	N	0.2	N	N
R5823	27	93.2	Tsui Lai Garden	67.6	67.6	67.9	0	45.3	41.3	52.5	0	0	53.5	68.1	70	N	0.5	N	N	0.2	N	N
R5823	28	96.2	Tsui Lai Garden	67.5	67.5	67.8	0	45.3	41.2	52.5	0	0	53.5	68	70	N	0.5	N	N	0.2	N	N
R5823	29	99.2	Tsui Lai Garden	67.3	67.3	67.7	0	45.2	41.2	52.5	0	0	53.5	67.8	70	N	0.5	N	N	0.1	N	N
R5823	30	102.2	Tsui Lai Garden	67.2	67.2	67.6	0	45.2	41.2	52.5	0	0	53.6	67.7	70	N	0.5	N	N	0.1	N	N
R5832	1	16.8	The Cornwall	75.8	76	74.6	0	46.5	43.3	0	0	0	48.2	74.7	70	Y	-1.3	N	N	0.1	N	N
R5832	2	19.8	The Cornwall	75.8	75.9	74.6	0	47.1	43.3	0	0	0	48.6	74.6	70	Y	-1.3	N	N	0.0	N	N
R5832	3	22.8	The Cornwall	75.8	75.9	74.6	0	47.8	43.3	0	0	0	49.1	74.6	70	Y	-1.3	N	N	0.0	N	N
R5832	4	25.8	The Cornwall	75.7	75.8	74.5	0	48.6	43.3	0	0	0	49.7	74.5	70	Y	-1.3	N	N	0.0	N	N
R5832	5	28.8	The Cornwall	75.6	75.8	74.5	0	49.4	43.3	0	0	0	50.4	74.5	70	Y	-1.3	N	N	0.0	N	N
R5832	6	31.8	The Cornwall	75.6	75.7	74.4	0	50.7	43.3	0	0	0	51.5	74.4	70	Y	-1.3	N	N	0.0	N	N
R5832	7	34.8	The Cornwall	75.5	75.7	74.3	0	51.3	43.3	0	0	0	52	74.4	70	Y	-1.3	N	N	0.1	N	N
R5832	8	37.8	The Cornwall	75.4	75.6	74.3	0	51.7	43.4	0	0	0	52.3	74.3	70	Y	-1.3	N	N	0.0	N	N
R5832	9	40.8	The Cornwall	75.3	75.5	74.2	0	52	43.4	0	0	0	52.5	74.2	70	Y	-1.3	N	N	0.0	N	N
R5832	10	43.8	The Cornwall	75.3	75.4	74.1	0	52.2	43.4	0	0	0	52.7	74.1	70	Y	-1.3	N	N	0.0	N	N
R5832	11	46.8	The Cornwall	75.2	75.3	74	0	52.4	43.4	0	0	0	52.9	74	70	Y	-1.3	N	N	0.0	N	N
R5832	12	49.8	The Cornwall	75	75.2	73.9	0	52.7	43.3	0	0	0	53.1	73.9	70	Y	-1.3	N	N	0.0	N	N
R5836	1	12.8	Pui Ling School	76.7	76.9	75.3	0	16.6	0	0	0	0	16.6	75.3	65	Y	-1.6	N	N	0.0	N	N
R5836	2	16.8	Pui Ling School	76.7	76.9	75.3	0	16.6	0	0	0	0	16.6	75.3	65	Y	-1.6	N	N	0.0	N	N
R5836	3	20.8	Pui Ling School	76.6	76.8	75.2	0	16.5	0	0	0	0	16.5	75.2	65	Y	-1.6	N	N	0.0	N	N
R5841	1	10.1	Fung Kai Care and Attention Home for the Elderly	76.9	76.8	77.3	0	37.6	16.1	43	0	0	44.1	77.3	55	Y	0.5	N	N	0.0	N	N
R5841	2	14.1	Fung Kai Care and Attention Home for the Elderly	76.4	76.4	76.8	0	38	16.6	44.1	0	0	45	76.8	55	Y	0.4	N	N	0.0	N	N
R5841	3	18.1	Fung Kai Care and Attention Home for the Elderly	75.6	75.6	76	0	38.7	17.5	45.7	0	0	46.5	76	55	Y	0.4	N	N	0.0	N	N
R5841	4	22.1	Fung Kai Care and Attention Home for the Elderly	74.8	74.7	75.2	0	39.3	18.3	47.4	0	0	48	75.2	55	Y	0.5	N	N	0.0	N	N
R5841	5	26.1	Fung Kai Care and Attention Home for the Elderly	73.9	73.9	74.3	0	39.9	19.3	49.2	0	0	49.7	74.3	55	Y	0.4	N	N	0.0	N	N
R5841	6	30.1	Fung Kai Care and Attention Home for the Elderly	73.2	73.1	73.6	0	40.4	20.2	50.4	0	0	50.8	73.6	55	Y	0.5	N	N	0.0	N	N
R5841	7	34.1	Fung Kai Care and Attention Home for the Elderly	72.5	72.5	72.9	0	40.8	21.3	51.3	0	0	51.7	73	55	Y	0.5	N	N	0.1	N	N
R5841	8	38.1	Fung Kai Care and Attention Home for the Elderly	72	72	72.4	0	41.2	22.4	51.9	0	0	52.3	72.5	55	Y	0.5	N	N	0.1	N	N
R5861	1	9.3	Lee Chi Tat Memorial School	71.7	71.7	72.1	0	15.5	11.4	46.8	0	0	46.8	72.1	65	Y	0.4	N	N	0.0	N	N
R5861	2	13.3	Lee Chi Tat Memorial School	71.6	71.6	72	0	15.4	12.5	47.2	0	0	47.2	72	65	Y	0.4	N	N	0.0	N	N
R5861	3	17.3	Lee Chi Tat Memorial School	71.4	71.4	71.8	0	15.8	13.5	47.8	0	0	47.8	71.9	65	Y	0.5	N	N	0.1	N	N
R5861	4	21.3	Lee Chi Tat Memorial School	71.3	71.3	71.7	0	17.2	14.7	48.7	0	0	48.7	71.7	65	Y	0.4	N	N	0.0	N	N
R5861	5	25.3	Lee Chi Tat Memorial School	71.1	71.1	71.5	0	18.8	16	49.9	0	0	49.9	71.6	65	Y	0.5	N	N	0.1	N	N
R5861	6	29.3	Lee Chi Tat Memorial School	70.9	70.8	71.3	0	20.5	17.4	50.9	0	0	50.9	71.3	65	Y	0.5	N	N	0.0	N	N
R5861	7	33.3	Lee Chi Tat Memorial School	70.5	70.5	70.9	0	22.5	18.9	51.7	0	0	51.7	71	65	Y	0.5	N	N	0.1	N	N
R5862	1	9.3	Lee Chi Tat Memorial School	72.1	72.1	72.5	0	20.3	18	47	0	0	47	72.5	65	Y	0.4	N	N	0.0	N	N
R5862	2	13.3	Lee Chi Tat Memorial School	72	72	72.4	0	20.2	17.9	47.3	0	0	47.3	72.4	65	Y	0.4	N	N	0.0	N	N
R5862	3	17.3	Lee Chi Tat Memorial School	71.8	71.8	72.2	0	20.2	18.2	47.7	0	0	47.7	72.2	65	Y	0.4	N	N	0.0	N	N
R5862	4	21.3	Lee Chi Tat Memorial School	71.6	71.5	72	0	20.4	18.9	48.2	0	0	48.2	72	65	Y	0.5	N	N	0.0	N	N
R5862	5	25.3	Lee Chi Tat Memorial School	71.3	71.2	71.7	0	21.2	20.3	49	0	0	49.1	71.7	65	Y	0.5	N	N	0.0	N	N
R5862	6	29.3	Lee Chi Tat Memorial School	71	70.9	71.3	0	23	22	49.8	0	0	49.8	71.4	65	Y	0.5	N	N	0.1	N	N
R5862	7	33.3	Lee Chi Tat Memorial School	70.7	70.6	71	0	25.1	23.9	50.5	0	0	50.5	71.1	65	Y	0.5	N	N	0.1	N	N
R5881	1	11.3	Sam Sheung Temple	73.5	74	74.1	0	0	0	10.3	0	0	10.3	74.1	65	Y	0.1	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R5881	2	15.3	Sam Sheung Temple	73.5	74	74.1	0	0	0	10.3	0	0	10.3	74.1		65	Y	0.1	N	N	0.0	N	N
R5882	1	11.3	Sam Sheung Temple	74.9	75.2	75.2	0	0	0	0	0	0	0	75.2		65	Y	0.0	N	N	0.0	N	N
R5882	2	15.3	Sam Sheung Temple	74.9	75.2	75.2	0	0	0	0	0	0	0	75.2		65	Y	0.0	N	N	0.0	N	N
R5883	1	11.3	Sam Sheung Temple	63	63.6	63.8	0	0	13.4	43.4	0	0	43.4	63.9		65	N	0.3	N	N	0.1	N	N
R5883	2	15.3	Sam Sheung Temple	65.1	65.7	65.9	0	0	13.4	45.3	0	0	45.3	65.9		65	Y	0.2	N	N	0.0	N	N
R5901	1	19.8	Union Plaza	64.4	64.7	64.6	0	0	0	44.6	0	0	44.6	64.7		70	N	0.0	N	N	0.1	N	N
R5901	2	22.8	Union Plaza	70.2	70.3	70.2	0	0	0	45.3	0	0	45.3	70.2		70	N	-0.1	N	N	0.0	N	N
R5901	3	25.8	Union Plaza	73.6	73.6	73.4	0	0	0	45.7	0	0	45.7	73.4		70	Y	-0.2	N	N	0.0	N	N
R5901	4	28.8	Union Plaza	74	74.1	73.8	0	0	0	46.1	0	0	46.1	73.8		70	Y	-0.3	N	N	0.0	N	N
R5901	5	31.8	Union Plaza	73.8	73.9	73.6	0	0	0	46.4	0	0	46.4	73.6		70	Y	-0.3	N	N	0.0	N	N
R5901	6	34.8	Union Plaza	73.6	73.6	73.4	0	0	0	46.8	0	0	46.8	73.4		70	Y	-0.2	N	N	0.0	N	N
R5901	7	37.8	Union Plaza	73.3	73.4	73.1	0	0	0	47	0	0	47	73.2		70	Y	-0.2	N	N	0.1	N	N
R5901	8	40.8	Union Plaza	73.1	73.1	72.9	0	0	0	47.1	0	0	47.1	72.9		70	Y	-0.2	N	N	0.0	N	N
R5901	9	43.8	Union Plaza	72.8	72.8	72.6	0	0	0	47.3	0	0	47.3	72.6		70	Y	-0.2	N	N	0.0	N	N
R5901	10	46.8	Union Plaza	72.6	72.6	72.4	0	0	0	47.3	0	0	47.3	72.5		70	Y	-0.1	N	N	0.1	N	N
R5901	11	49.8	Union Plaza	72.3	72.4	72.2	0	0	0	47.4	0	0	47.4	72.2		70	Y	-0.2	N	N	0.0	N	N
R5901	12	52.8	Union Plaza	72.1	72.2	72	0	0	0	47.4	0	0	47.4	72.1		70	Y	-0.1	N	N	0.1	N	N
R5901	13	55.8	Union Plaza	71.9	72	71.8	0	0	0	47.4	0	0	47.4	71.8		70	Y	-0.2	N	N	0.0	N	N
R5901	14	58.8	Union Plaza	71.8	71.9	71.7	0	0	0	47.5	0	0	47.5	71.7		70	Y	-0.2	N	N	0.0	N	N
R5901	15	61.8	Union Plaza	71.6	71.7	71.5	0	0	0	47.4	0	0	47.4	71.6		70	Y	-0.1	N	N	0.1	N	N
R5901	16	64.8	Union Plaza	71.5	71.6	71.4	0	0	0	47.5	0	0	47.5	71.4		70	Y	-0.2	N	N	0.0	N	N
R5901	17	67.8	Union Plaza	71.3	71.4	71.2	0	0	0	47.5	0	0	47.5	71.3		70	Y	-0.1	N	N	0.1	N	N
R5901	18	70.8	Union Plaza	71.2	71.3	71.1	0	0	0	47.5	0	0	47.5	71.1		70	Y	-0.2	N	N	0.0	N	N
R5901	19	73.8	Union Plaza	71	71.2	71	0	0	0	47.6	0	0	47.6	71		70	Y	-0.2	N	N	0.0	N	N
R5901	20	76.8	Union Plaza	70.9	71	70.8	0	0	0	47.6	0	0	47.6	70.9		70	Y	-0.1	N	N	0.1	N	N
R5902	1	19.8	Union Plaza	65.3	65.5	65.3	0	0	0	29.9	0	0	29.9	65.3		70	N	-0.2	N	N	0.0	N	N
R5902	2	22.8	Union Plaza	71.2	71.2	71	0	0	0	31.5	0	0	31.5	71		70	Y	-0.2	N	N	0.0	N	N
R5902	3	25.8	Union Plaza	74.1	74	73.8	0	0	0	33.6	0	0	33.6	73.8		70	Y	-0.2	N	N	0.0	N	N
R5902	4	28.8	Union Plaza	74.2	74.2	74	0	0	0	36.4	0	0	36.4	74		70	Y	-0.2	N	N	0.0	N	N
R5902	5	31.8	Union Plaza	74	73.9	73.7	0	0	0	39.1	0	0	39.1	73.7		70	Y	-0.2	N	N	0.0	N	N
R5902	6	34.8	Union Plaza	73.6	73.6	73.4	0	0	0	40.1	0	0	40.1	73.4		70	Y	-0.2	N	N	0.0	N	N
R5902	7	37.8	Union Plaza	73.3	73.3	73.1	0	0	0	40.5	0	0	40.5	73.1		70	Y	-0.2	N	N	0.0	N	N
R5902	8	40.8	Union Plaza	73	73	72.8	0	0	0	40.6	0	0	40.6	72.8		70	Y	-0.2	N	N	0.0	N	N
R5902	9	43.8	Union Plaza	72.8	72.8	72.6	0	0	0	40.6	0	0	40.6	72.6		70	Y	-0.2	N	N	0.0	N	N
R5902	10	46.8	Union Plaza	72.5	72.6	72.4	0	0	0	40.5	0	0	40.5	72.4		70	Y	-0.2	N	N	0.0	N	N
R5902	11	49.8	Union Plaza	72.3	72.4	72.2	0	0	0	40.5	0	0	40.5	72.2		70	Y	-0.2	N	N	0.0	N	N
R5902	12	52.8	Union Plaza	72.1	72.2	71.9	0	0	0	40.5	0	0	40.5	71.9		70	Y	-0.3	N	N	0.0	N	N
R5902	13	55.8	Union Plaza	71.9	71.9	71.7	0	0	0	40.5	0	0	40.5	71.7		70	Y	-0.2	N	N	0.0	N	N
R5902	14	58.8	Union Plaza	71.7	71.8	71.6	0	0	0	40.5	0	0	40.5	71.6		70	Y	-0.2	N	N	0.0	N	N
R5902	15	61.8	Union Plaza	71.5	71.6	71.4	0	0	0	40.5	0	0	40.5	71.4		70	Y	-0.2	N	N	0.0	N	N
R5902	16	64.8	Union Plaza	71.4	71.4	71.2	0	0	0	40.5	0	0	40.5	71.2		70	Y	-0.2	N	N	0.0	N	N
R5902	17	67.8	Union Plaza	71.2	71.3	71.1	0	0	0	40.5	0	0	40.5	71.1		70	Y	-0.2	N	N	0.0	N	N
R5902	18	70.8	Union Plaza	71	71.1	70.9	0	0	0	40.5	0	0	40.5	70.9		70	Y	-0.2	N	N	0.0	N	N
R5902	19	73.8	Union Plaza	70.9	71	70.8	0	0	0	40.4	0	0	40.4	70.8		70	Y	-0.2	N	N	0.0	N	N
R5902	20	76.8	Union Plaza	70.7	70.8	70.6	0	0	0	40.4	0	0	40.4	70.6		70	Y	-0.2	N	N	0.0	N	N
R5921	1	16.5	Louver Mansion	78	78.9	79	0	23.1	0	28.1	0	0	29.3	79		70	Y	0.1	N	N	0.0	N	N
R5921	2	19.5	Louver Mansion	77.7	78.6	78.7	0	23.1	0	29.6	0	0	30.5	78.7		70	Y	0.1	N	N	0.0	N	N
R5921	3	22.5	Louver Mansion	77.4	78.3	78.4	0	23.1	0	31.8	0	0	32.4	78.4		70	Y	0.1	N	N	0.0	N	N
R5921	4	25.5	Louver Mansion	77	77.9	78.1	0	23.1	0	34.7	0	0	35	78.1		70	Y	0.2	N	N	0.0	N	N
R5921	5	28.5	Louver Mansion	76.6	77.5	77.7	0	23.1	0	39.6	0	0	39.7	77.7		70	Y	0.2	N	N	0.0	N	N
R5961	1	17.3	Luen Cheong Building	76.9	77.6	77.9	0	23	0	26.4	0	0	28.1	77.9		70	Y	0.3	N	N	0.0	N	N
R5961	2	20.3	Luen Cheong Building	76.6	77.3	77.6	0	23	0	26.5	0	0	28.1	77.6		70	Y	0.3	N	N	0.0	N	N
R5961	3	23.3	Luen Cheong Building	76.3	77	77.3	0	23	0	26.5	0	0	28.1	77.3		70	Y	0.3	N	N	0.0	N	N
R5961	4	26.3	Luen Cheong Building	75.9	76.7	76.9	0	23	0	26.5	0	0	28.1	76.9		70	Y	0.2	N	N	0.0	N	N
R5961	5	29.3	Luen Cheong Building	75.6	76.3	76.6	0	23	0	26.5	0	0	28.1	76.6		70	Y	0.3	N	N	0.0	N	N
R5962	1	17.3	Luen Cheong Building	70	70.6	70.8	0	0	0	26	0	0	26	70.8		70	Y	0.2	N	N	0.0	N	N
R5962	2	20.3	Luen Cheong Building	70	70.5	70.8	0	0	0	26	0	0	26	70.8		70	Y	0.3	N	N	0.0	N	N
R5962	3	23.3	Luen Cheong Building	69.9	70.5	70.7	0	0	0	26	0	0	26	70.7		70	Y	0.2	N	N	0.0	N	N
R5962	4	26.3	Luen Cheong Building	69.9	70.4	70.6	0	0	0	26	0	0	26	70.6		70	Y	0.2	N	N	0.0	N	N
R5962	5	29.3	Luen Cheong Building	69.8	70.3	70.6	0	0	0	26	0	0	26	70.6		70	Y	0.3	N	N	0.0	N	N
R6001	1	13.2	Proposed Site for Housing Development	-	-	65.4	0	74.8	0	0	60.3	0	74.9	75.4		70	Y	-	-	-	-	-	Y
R6001	2	15.9	Proposed Site for Housing Development	-	-	65.5	0	75	0	0	60.6	0	75.1	75.6		70	Y	-	-	-	-	-	Y
R6001	3	18.6	Proposed Site for Housing Development	-	-	65.5	0	75.2	0	0	60.8	0	75.3	75.8		70	Y	-	-	-	-	-	Y
R6001	4	21.3	Proposed Site for Housing Development	-	-	65.5	0	75.6	0	0	61.1	0	75.7	76.1		70	Y	-	-	-	-	-	Y
R6001	5	24.0	Proposed Site for Housing Development	-	-	65.6	0	75.8	0	0	61.2	0	76	76.4		70	Y	-	-	-	-	-	Y
R6001	6	26.7	Proposed Site for Housing Development	-	-	65.7	0	75.9	0	0	61.4	0	76.1	76.5		70	Y	-	-	-	-	-	Y
R6001	7	29.4	Proposed Site for Housing Development	-	-	65.6	0	76	0	0	61.5	0	76.1	76.5		70	Y	-	-	-	-	-	Y
R6001	8	32.1	Proposed Site for Housing Development	-	-	65.6	0	76	0	0	61.6	0	76.1	76.5		70	Y	-	-	-	-	-	Y
R6001	9	34.8	Proposed Site for Housing Development	-	-	65.6	0	75.9	0	0	61.6	0	76.1	76.4		70	Y	-	-	-	-	-	Y
R6001	10	37.5	Proposed Site for Housing Development	-	-	65.6	0	75.8	0	0	61.7	0	76	76.4		70	Y	-	-	-	-	-	Y
R6001	11	40.2	Proposed Site for Housing Development	-	-	65.6	0	75.7	0	0	61.8	0	75.9	76.3		70	Y	-	-	-	-	-	Y
R6001	12	42.9	Proposed Site for Housing Development	-	-	65.5	0	75.6	0	0	61.8	0	75.8	76.2		70	Y	-	-	-	-	-	Y
R6001	13	45.6	Proposed Site for Housing Development	-	-	65.5	0	75.5	0	0	61.8	0	75.7	76.1		70	Y	-	-	-	-	-	Y
R6001	14	48.3	Proposed Site for Housing Development	-	-	65.4	0	75.4	0	0	61.8	0	75.6	76		70	Y	-	-	-	-	-	Y
R6001	15	51.0	Proposed Site for Housing Development	-	-	65.4	0	75.3	0	0	61.8	0	75.5	75.9		70	Y	-	-	-	-	-	Y
R6001	16	53.7	Proposed Site for Housing Development	-	-	65.3	0	75.2	0	0	61.8	0	75.4	75.8		70	Y	-	-	-	-	-	Y
R6001	17	56.4	Proposed Site for Housing Development	-	-	65.3	0	75.1	0	0	61.8	0	75.3	75.7		70	Y	-	-	-	-	-	Y
R6001	18	59.1	Proposed Site for Housing Development	-	-	65.2	0	74.9	0	0	61.8	0	75.1	75.6		70	Y	-	-	-	-	-	Y
R6001	19	61.8	Proposed Site for Housing Development	-	-	65.2	0	74.8	0	0	61.8	0	75	75.4		70	Y	-	-	-	-	-	Y
R6001	20	64.5	Proposed Site for Housing Development	-	-	65.1	0	74.7	0	0	61.8	0	74.9	75.3		70	Y	-	-	-	-	-	Y
R6001	21	67.2	Proposed Site for Housing Development	-	-	65.1	0	74.5	0	0	61.7	0	74.8	75.2		70	Y	-	-	-	-	-	Y
R6001	22	69.9	Proposed Site for Housing Development	-	-	65	0	74.4	0	0	61.7	0	74.7	75.1		70	Y	-	-	-	-	-	Y
R6001	23	72.6	Proposed Site for Housing Development	-	-	65	0	74.3	0	0	61.7	0	74.5	75		70	Y	-	-	-	-	-	Y
R6001	24	75.3	Proposed Site for Housing Development	-	-	65	0	74.2	0	0	61.6	0	74.4	74.9		70	Y	-	-	-	-	-	Y
R6001	25	78.0	Proposed Site for Housing Development	-	-	64.9	0	74.1	0	0	61.6	0	74.3	74.8		70	Y	-	-	-	-	-	Y
R6001	26	80.7	Proposed Site for Housing Development	-	-	64.8	0	74	0	0	61.6	0	74.2	74.7		70	Y	-	-	-	-	-	Y
R6001	27	83.4	Proposed Site for Housing Development	-	-	64.8	0	73.8	0	0	61.6	0	74.1	74.6		70	Y	-	-	-	-	-	Y
R6001	28	86.1	Proposed Site for Housing Development	-	-	64.7	0	73.7	0	0	61.6	0	74	74.5		70	Y	-	-	-	-	-	Y
R6001	29	88.8	Proposed Site for Housing Development	-	-	64.6	0	73.6	0	0	61.6	0	73.9	74.4		70	Y	-	-	-	-	-	Y
R6001	30	91.5	Proposed Site for Housing Development	-	-	64.6	0	73.5	0	0	61.5	0	73.8	74.3		70	Y	-	-	-	-	-	Y
R6002	1	13.2	Proposed Site for Housing Development	-	-	67	0	74.7	0	0	60.2	0	74.8	75.5		70	Y	-	-	-	-	-	Y
R6002	2	15.9	Proposed Site for Housing Development	-	-	67	0	74.8	0	0	60.7	0	75	75.6		70	Y	-	-	-	-	-	Y
R6002	3	18.6	Proposed Site for Housing Development	-	-	67	0	75.1	0	0	61.1	0	75.2	75.8		70	Y	-	-	-	-	-	Y
R6002	4	21.3	Proposed Site for Housing Development	-	-	67	0	75.4	0	0	61.3	0	75.6	76.1		70	Y	-	-	-	-	-	Y
R6002	5	24.0	Proposed Site for Housing Development	-	-	67	0	75.7	0	0	61.5	0	75.9	76.4		70	Y	-	-	-	-	-	Y
R6002	6	26.7	Proposed Site for Housing Development	-	-	67.1	0	75.9	0	0	61.6	0	76.1	76.6		70	Y	-	-	-	-	-	Y
R6002	7	29.4	Proposed Site for Housing Development	-	-	67	0	75.9	0	0	61.7	0	76.1	76.6		70	Y	-	-	-	-	-	Y
R6002	8	32.1	Proposed Site for Housing Development	-	-	67	0	75.9	0	0	61.8	0	76.1	76.6		70	Y	-	-	-	-	-	Y
R6002	9	34.8	Proposed Site for Housing Development	-	-	67	0	75.9	0	0	61.9	0	76	76.6		70	Y	-	-	-	-	-	Y
R6002	10	37.5	Proposed Site for Housing Development	-	-	66.9	0	75.8	0	0	61.9	0	76	76.5		70	Y	-	-	-	-	-	Y
R6002	11	40.2	Proposed Site for Housing Development	-	-	66.9	0	75.7	0	0	61.9	0	75.9	76.4		70	Y	-	-	-	-	-	Y
R6002	12	42.9	Proposed Site for Housing Development	-	-	66.8	0	75.7	0	0	61.9	0	75.8	76.3		70	Y	-	-	-	-	-	Y
R6002	13	45.6	Proposed Site for Housing Development	-	-	66.7	0	75.6	0	0	61.8	0	75.7	76.2		70	Y	-	-	-	-	-	Y
R6002	14	48.3	Proposed Site for Housing Development	-	-	66.7	0	75.4	0	0	61.9	0	75.6	76.2		70	Y	-	-	-	-	-	Y
R6002	15	51.0	Proposed Site for Housing Development	-	-	66.6	0	75.3	0	0	61.8	0	75.5	76		70	Y	-	-	-	-	-	Y
R6002	16	53.7	Proposed Site for Housing Development	-	-	66.5	0	75.2	0	0	61.8	0	75.4	75.9		70	Y	-	-	-	-	-	Y
R6002	17	56.4	Proposed Site for Housing Development	-	-	66.5	0	75.1	0	0	61.8	0	75.3	75.8		70	Y	-	-	-	-	-	Y
R6002	18	59.1	Proposed Site for Housing Development	-	-	66.4	0	75	0	0	61.7	0	75.2	75.7		70	Y	-	-	-	-	-	Y
R6002	19	61.8	Proposed Site for Housing Development	-	-	66.4	0	74.8	0	0	61.8	0	75	75.6		70	Y	-	-	-	-	-	Y
R6002	20	64.5	Proposed Site for Housing Development	-	-	66.3	0	74.7	0	0	61.7	0	74.9	75.5		70	Y	-	-	-	-	-	Y

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT															
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R6002	21	67.2	Proposed Site for Housing Development	-	-	66.2	0	74.6	0	0	61.7	0	74.8	75.4	70	Y	-	-	-	-	-	Y
R6002	22	69.9	Proposed Site for Housing Development	-	-	66.1	0	74.5	0	0	61.7	0	74.7	75.3	70	Y	-	-	-	-	-	Y
R6002	23	72.6	Proposed Site for Housing Development	-	-	66	0	74.4	0	0	61.7	0	74.6	75.2	70	Y	-	-	-	-	-	Y
R6002	24	75.3	Proposed Site for Housing Development	-	-	65.9	0	74.2	0	0	61.6	0	74.5	75	70	Y	-	-	-	-	-	Y
R6002	25	78.0	Proposed Site for Housing Development	-	-	65.8	0	74.1	0	0	61.6	0	74.4	74.9	70	Y	-	-	-	-	-	Y
R6002	26	80.7	Proposed Site for Housing Development	-	-	65.8	0	74	0	0	61.6	0	74.2	74.8	70	Y	-	-	-	-	-	Y
R6002	27	83.4	Proposed Site for Housing Development	-	-	65.8	0	73.9	0	0	61.5	0	74.1	74.7	70	Y	-	-	-	-	-	Y
R6002	28	86.1	Proposed Site for Housing Development	-	-	65.7	0	73.8	0	0	61.5	0	74	74.6	70	Y	-	-	-	-	-	Y
R6002	29	88.8	Proposed Site for Housing Development	-	-	65.6	0	73.7	0	0	61.6	0	73.9	74.5	70	Y	-	-	-	-	-	Y
R6002	30	91.5	Proposed Site for Housing Development	-	-	65.5	0	73.6	0	0	61.5	0	73.8	74.4	70	Y	-	-	-	-	-	Y
R6041	1	8.8	Shek Wu Hui Jockey Club Clinic	76.2	77.1	76.2	0	8.2	0	34.9	0	0	34.9	76.2	55	Y	-0.9	N	N	0.0	N	N
R6041	2	12.8	Shek Wu Hui Jockey Club Clinic	75.9	76.8	76	0	8.2	0	35.2	0	0	35.2	76	55	Y	-0.8	N	N	0.0	N	N
R6041	3	16.8	Shek Wu Hui Jockey Club Clinic	75.5	76.4	75.5	0	8.2	0	35.7	0	0	35.7	75.5	55	Y	-0.9	N	N	0.0	N	N
R6042	1	13.5	Shek Wu Hui Jockey Club Clinic	75	75.9	75.1	0	12	0	24.9	0	0	25.1	75.1	55	Y	-0.8	N	N	0.0	N	N
R6042	2	17.5	Shek Wu Hui Jockey Club Clinic	74.6	75.5	74.7	0	12.3	0	26.6	0	0	26.7	74.7	55	Y	-0.8	N	N	0.0	N	N
R6061	1	13.7	Tai Ping Estate	73	73.1	72.4	0	0	0	26.4	0	0	26.4	72.4	70	Y	-0.7	N	N	0.0	N	N
R6061	2	16.7	Tai Ping Estate	72.9	72.9	72.3	0	0	0	27.2	0	0	27.2	72.3	70	Y	-0.6	N	N	0.0	N	N
R6061	3	19.7	Tai Ping Estate	72.7	72.8	72.1	0	0	0	27.9	0	0	27.9	72.1	70	Y	-0.7	N	N	0.0	N	N
R6061	4	22.7	Tai Ping Estate	72.6	72.6	71.9	0	0	0	28.8	0	0	28.8	71.9	70	Y	-0.7	N	N	0.0	N	N
R6061	5	25.7	Tai Ping Estate	72.4	72.4	71.8	0	0	0	29.5	0	0	29.5	71.8	70	Y	-0.6	N	N	0.0	N	N
R6061	6	28.7	Tai Ping Estate	72.2	72.3	71.6	0	0	0	30.5	0	0	30.5	71.6	70	Y	-0.7	N	N	0.0	N	N
R6061	7	31.7	Tai Ping Estate	72.1	72.1	71.5	0	0	0	31.6	0	0	31.6	71.5	70	Y	-0.6	N	N	0.0	N	N
R6061	8	34.7	Tai Ping Estate	71.9	72	71.3	0	0	0	32.8	0	0	32.8	71.3	70	Y	-0.7	N	N	0.0	N	N
R6061	9	37.7	Tai Ping Estate	71.8	71.8	71.2	0	0	0	33.4	0	0	33.4	71.2	70	Y	-0.6	N	N	0.0	N	N
R6061	10	40.7	Tai Ping Estate	71.6	71.7	71	0	0	0	34.5	0	0	34.5	71	70	Y	-0.7	N	N	0.0	N	N
R6061	11	43.7	Tai Ping Estate	71.4	71.5	70.8	0	0	0	35.6	0	0	35.6	70.8	70	Y	-0.7	N	N	0.0	N	N
R6061	12	46.7	Tai Ping Estate	71.3	71.4	70.7	0	0	0	36.7	0	0	36.7	70.7	70	Y	-0.7	N	N	0.0	N	N
R6061	13	49.7	Tai Ping Estate	71.1	71.2	70.5	0	0	0	38	0	0	38	70.5	70	Y	-0.7	N	N	0.0	N	N
R6061	14	52.7	Tai Ping Estate	70.9	71	70.3	0	0	0	39.5	0	0	39.5	70.3	70	N	-0.7	N	N	0.0	N	N
R6061	15	55.7	Tai Ping Estate	70.8	70.9	70.2	0	0	0	40.6	0	0	40.6	70.2	70	N	-0.7	N	N	0.0	N	N
R6061	16	58.7	Tai Ping Estate	70.6	70.8	70.1	0	0	0	41.3	0	0	41.3	70.1	70	N	-0.7	N	N	0.0	N	N
R6061	17	61.7	Tai Ping Estate	70.5	70.6	69.9	0	0	0	41.6	0	0	41.6	69.9	70	N	-0.7	N	N	0.0	N	N
R6061	18	64.7	Tai Ping Estate	70.4	70.5	69.8	0	0	0	41.8	0	0	41.8	69.8	70	N	-0.7	N	N	0.0	N	N
R6061	19	67.7	Tai Ping Estate	70.2	70.4	69.7	0	0	0	42	0	0	42	69.7	70	N	-0.7	N	N	0.0	N	N
R6061	20	70.7	Tai Ping Estate	70.1	70.2	69.5	0	0	0	42.1	0	0	42.1	69.5	70	N	-0.7	N	N	0.0	N	N
R6061	21	73.7	Tai Ping Estate	70	70.1	69.4	0	0	0	42.1	0	0	42.1	69.4	70	N	-0.7	N	N	0.0	N	N
R6061	22	76.7	Tai Ping Estate	69.8	70	69.3	0	0	0	42.1	0	0	42.1	69.3	70	N	-0.7	N	N	0.0	N	N
R6061	23	79.7	Tai Ping Estate	69.7	69.9	69.2	0	0	0	42.2	0	0	42.2	69.2	70	N	-0.7	N	N	0.0	N	N
R6061	24	82.7	Tai Ping Estate	69.6	69.8	69.1	0	0	0	42.3	0	0	42.3	69.1	70	N	-0.7	N	N	0.0	N	N
R6061	25	85.7	Tai Ping Estate	69.5	69.7	69	0	0	0	42.2	0	0	42.2	69	70	N	-0.7	N	N	0.0	N	N
R6061	26	88.7	Tai Ping Estate	69.4	69.5	68.8	0	0	0	42.2	0	0	42.2	68.9	70	N	-0.6	N	N	0.1	N	N
R6061	27	91.7	Tai Ping Estate	69.3	69.4	68.7	0	0	0	42.2	0	0	42.2	68.7	70	N	-0.7	N	N	0.0	N	N
R6061	28	94.7	Tai Ping Estate	69.2	69.3	68.6	0	0	0	42.2	0	0	42.2	68.7	70	N	-0.6	N	N	0.1	N	N
R6061	29	97.7	Tai Ping Estate	69	69.2	68.5	0	0	0	42.2	0	0	42.2	68.5	70	N	-0.7	N	N	0.0	N	N
R6061	30	100.7	Tai Ping Estate	69	69.1	68.4	0	0	0	42.2	0	0	42.2	68.5	70	N	-0.6	N	N	0.1	N	N
R6062	1	13.7	Tai Ping Estate	75.3	75.2	73.7	0	0	0	38.7	0	0	38.7	73.7	70	Y	-1.5	N	N	0.0	N	N
R6062	2	16.7	Tai Ping Estate	75	74.9	73.4	0	0	0	40.4	0	0	40.4	73.4	70	Y	-1.5	N	N	0.0	N	N
R6062	3	19.7	Tai Ping Estate	74.7	74.6	73.1	0	0	0	42.6	0	0	42.6	73.1	70	Y	-1.5	N	N	0.0	N	N
R6062	4	22.7	Tai Ping Estate	74.3	74.2	72.8	0	0	0	45.2	0	0	45.2	72.8	70	Y	-1.4	N	N	0.0	N	N
R6062	5	25.7	Tai Ping Estate	74	73.9	72.4	0	0	0	47.7	0	0	47.7	72.4	70	Y	-1.5	N	N	0.0	N	N
R6062	6	28.7	Tai Ping Estate	73.6	73.5	72	0	0	0	48.7	0	0	48.7	72.1	70	Y	-1.4	N	N	0.1	N	N
R6062	7	31.7	Tai Ping Estate	73.4	73.3	71.8	0	0	0	49.1	0	0	49.1	71.8	70	Y	-1.5	N	N	0.0	N	N
R6062	8	34.7	Tai Ping Estate	73.1	73	71.5	0	0	0	49.4	0	0	49.4	71.5	70	Y	-1.5	N	N	0.0	N	N
R6062	9	37.7	Tai Ping Estate	72.8	72.7	71.2	0	0	0	49.5	0	0	49.5	71.2	70	Y	-1.5	N	N	0.0	N	N
R6062	10	40.7	Tai Ping Estate	72.6	72.5	70.9	0	0	0	49.6	0	0	49.6	70.9	70	Y	-1.6	N	N	0.0	N	N
R6062	11	43.7	Tai Ping Estate	72.3	72.2	70.7	0	0	0	49.7	0	0	49.7	70.7	70	Y	-1.5	N	N	0.0	N	N
R6062	12	46.7	Tai Ping Estate	72.1	72	70.4	0	0	0	49.8	0	0	49.8	70.4	70	N	-1.6	N	N	0.0	N	N
R6062	13	49.7	Tai Ping Estate	71.9	71.8	70.2	0	0	0	49.8	0	0	49.8	70.2	70	N	-1.6	N	N	0.0	N	N
R6062	14	52.7	Tai Ping Estate	71.7	71.6	70	0	0	0	49.9	0	0	49.9	70	70	N	-1.6	N	N	0.0	N	N
R6062	15	55.7	Tai Ping Estate	71.5	71.4	69.7	0	0	0	50	0	0	50	69.8	70	N	-1.6	N	N	0.1	N	N
R6062	16	58.7	Tai Ping Estate	71.3	71.2	69.6	0	0	0	50	0	0	50	69.6	70	N	-1.6	N	N	0.0	N	N
R6062	17	61.7	Tai Ping Estate	71	71	69.3	0	0	0	50	0	0	50	69.4	70	N	-1.6	N	N	0.1	N	N
R6062	18	64.7	Tai Ping Estate	70.9	70.8	69.1	0	0	0	50	0	0	50	69.2	70	N	-1.6	N	N	0.1	N	N
R6062	19	67.7	Tai Ping Estate	70.7	70.6	68.9	0	0	0	50	0	0	50	69	70	N	-1.6	N	N	0.1	N	N
R6062	20	70.7	Tai Ping Estate	70.5	70.4	68.8	0	0	0	50	0	0	50	68.8	70	N	-1.6	N	N	0.0	N	N
R6062	21	73.7	Tai Ping Estate	70.4	70.3	68.6	0	0	0	50	0	0	50	68.7	70	N	-1.6	N	N	0.1	N	N
R6062	22	76.7	Tai Ping Estate	70.2	70.1	68.5	0	0	0	50	0	0	50	68.5	70	N	-1.6	N	N	0.0	N	N
R6062	23	79.7	Tai Ping Estate	70.1	70	68.3	0	0	0	50	0	0	50	68.4	70	N	-1.6	N	N	0.1	N	N
R6062	24	82.7	Tai Ping Estate	69.9	69.8	68.1	0	0	0	50	0	0	50	68.2	70	N	-1.6	N	N	0.1	N	N
R6062	25	85.7	Tai Ping Estate	69.8	69.7	68	0	0	0	50	0	0	50	68.1	70	N	-1.6	N	N	0.1	N	N
R6062	26	88.7	Tai Ping Estate	69.7	69.6	67.9	0	0	0	49.9	0	0	49.9	67.9	70	N	-1.7	N	N	0.0	N	N
R6062	27	91.7	Tai Ping Estate	69.5	69.4	67.7	0	0	0	49.9	0	0	49.9	67.8	70	N	-1.6	N	N	0.1	N	N
R6062	28	94.7	Tai Ping Estate	69.4	69.3	67.6	0	0	0	49.9	0	0	49.9	67.7	70	N	-1.6	N	N	0.1	N	N
R6062	29	97.7	Tai Ping Estate	69.3	69.2	67.5	0	0	0	49.8	0	0	49.8	67.5	70	N	-1.7	N	N	0.0	N	N
R6062	30	100.7	Tai Ping Estate	69.2	69.1	67.4	0	0	0	49.8	0	0	49.8	67.5	70	N	-1.6	N	N	0.1	N	N
R6063	1	13.7	Tai Ping Estate	73.8	74	74.5	0	0	12.3	55.2	0	0	55.2	74.6	70	Y	0.6	N	N	0.1	N	N
R6063	2	16.7	Tai Ping Estate	73.7	74	74.5	0	0	12.3	55.3	0	0	55.3	74.5	70	Y	0.5	N	N	0.0	N	N
R6063	3	19.7	Tai Ping Estate	73.6	73.8	74.4	0	0	12.3	55.3	0	0	55.3	74.4	70	Y	0.6	N	N	0.0	N	N
R6063	4	22.7	Tai Ping Estate	73.5	73.7	74.2	0	0	12.3	55.3	0	0	55.3	74.3	70	Y	0.6	N	N	0.1	N	N
R6063	5	25.7	Tai Ping Estate	73.3	73.5	74.1	0	0	12.3	55.3	0	0	55.3	74.2	70	Y	0.7	N	N	0.1	N	N
R6063	6	28.7	Tai Ping Estate	73.2	73.4	74	0	0	12.3	55.3	0	0	55.3	74	70	Y	0.6	N	N	0.0	N	N
R6063	7	31.7	Tai Ping Estate	72.9	73.2	73.8	0	0	12	55.3	0	0	55.3	73.9	70	Y	0.7	N	N	0.1	N	N
R6063	8	34.7	Tai Ping Estate	72.8	73	73.7	0	0	12.9	55.3	0	0	55.3	73.7	70	Y	0.7	N	N	0.0	N	N
R6063	9	37.7	Tai Ping Estate	72.6	72.9	73.5	0	0	13.7	55.4	0	0	55.4	73.6	70	Y	0.7	N	N	0.1	N	N
R6063	10	40.7	Tai Ping Estate	72.4	72.7	73.4	0	0	14.7	55.4	0	0	55.4	73.4	70	Y	0.7	N	N	0.0	N	N
R6063	11	43.7	Tai Ping Estate	72.3	72.6	73.2	0	0	15.7	55.3	0	0	55.3	73.3	70	Y	0.7	N	N	0.1	N	N
R6063	12	46.7	Tai Ping Estate	72.1	72.4	73	0	0	16.8	55.3	0	0	55.3	73.1	70	Y	0.7	N	N	0.1	N	N
R6063	13	49.7	Tai Ping Estate	72	72.2	72.9	0	0	18	55.3	0	0	55.3	73	70	Y	0.8	N	N	0.1	N	N
R6063	14	52.7	Tai Ping Estate	71.8	72.1	72.7	0	0	19	55.3	0	0	55.3	72.8	70	Y	0.7	N	N	0.1	N	N
R6063	15	55.7	Tai Ping Estate	71.6	71.9	72.6	0	0	20.2	55.3	0	0	55.3	72.7	70	Y	0.8	N	N	0.1	N	N
R6063	16	58.7	Tai Ping Estate	71.5	71.8	72.5	0	0	21.5	55.3	0	0	55.3	72.5	70	Y	0.7	N	N	0.0	N	N
R6063	17	61.7	Tai Ping Estate	71.3	71.6	72.3	0	0	22.9	55.3	0	0	55.3	72.4	70	Y	0.8	N	N	0.1	N	N
R6063	18	64.7	Tai Ping Estate	71.1	71.4	72.1	0	0	24.2	55.3	0	0	55.3	72.2	70	Y	0.8	N	N	0.1	N	N
R6063	19	67.7	Tai Ping Estate	71	71.3	72	0	0	25.8	55.3	0	0	55.3	72.1	70	Y	0.8	N	N	0.1	N	N
R6063	20	70.7	Tai Ping Estate	70.8	71.2	71.9	0	0	27.4	55.2	0	0	55.2	71.9	70	Y	0.7	N	N	0.0	N	N
R6063	21	73.7	Tai Ping Estate	70.7	71	71.7	0	0	29.2	55.2	0	0	55.2	71.8	70	Y	0.8	N	N	0.1	N	N
R6063	22	76.7	Tai Ping Estate	70.6	70.9	71.6	0	0	31.3	55.2	0	0	55.2	71.7	70	Y	0.8	N	N	0.1	N	N
R6063	23	79.7	Tai Ping Estate	70.5	70.8	71.5	0	0	33.8	55.2	0	0	55.2	71.6	70	Y	0.8	N	N	0.1	N	N
R6063	24	82.7	Tai Ping Estate	70.3	70.6	71.3	0	0	37.1	55.2	0	0	55.2	71.4	70	Y	0.8	N	N	0.1	N	N
R6063	25	85.7	Tai Ping Estate	70.2	70.5	71.2	0	0	40.3	55.1	0	0	55.3	71.3	70	Y	0.8	N	N	0.1	N	N
R6063	26	88.7	Tai Ping Estate	70.1	70.4	71.1	0	0	41.6	55.1	0	0	55.3	71.2	70	Y	0.8	N	N	0.1	N	N
R6063	27	91.7	Tai Ping Estate	70	70.3	71	0	0	41.9	55.1	0	0	55.3	71.1	70	Y	0.8	N	N	0.1	N	N
R6063	28	94.7	Tai Ping Estate	69.8	70.1	70.9	0	0	42.2	55.1	0	0	55.3	71	70	Y	0.9	N	N	0.1	N	N
R6063	29	97.7	Tai Ping Estate	69.7	70	70.8	0	0	42.1	55.1	0	0	55.3	70.9	70	Y	0.9	N	N	0.1	N	N
R6063	30	100.7	Tai Ping Estate	69.6	69.9	70.6	0	0	42.1	55.1	0	0	55.3	70.8	70	Y	0.9	N	N	0.2	N	N
R6064	1	13.7	Tai Ping Estate	73.5	74.1	75	0	0	0	0	0	0	0	75	70	Y	0.9	N	N	0.0	N	N
R6064	2	16.7	Tai Ping Estate	73.4	74.1	75	0	0	0	0	0	0	0	75	70	Y	0.9	N	N	0.0	N	N
R6064	3	19.7	Tai Ping Estate	73.4	74	74.9	0	0	0	0	0	0	0	74.9	70	Y	0.9	N	N	0.0	N	N
R6064	4	22.7	Tai Ping Estate	73.3	74	74.8	0	0	0	0	0	0	0	74.8	70	Y	0.8	N	N	0.0	N	N
R6064	5	25.7	Tai Ping Estate	73.2	73.9	74.7	0	0	0	0	0	0	0	74.7	70	Y	0.8	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R6064	6	28.7	Tai Ping Estate	73.2	73.8	74.6	0	0	0	0	0	0	0	74.6	70	Y	0.8	N	N	0.0	N	N
R6064	7	31.7	Tai Ping Estate	73.1	73.7	74.5	0	0	0	0	0	0	0	74.5	70	Y	0.8	N	N	0.0	N	N
R6064	8	34.7	Tai Ping Estate	73	73.6	74.4	0	0	0	0	0	0	0	74.4	70	Y	0.8	N	N	0.0	N	N
R6064	9	37.7	Tai Ping Estate	72.8	73.4	74.2	0	0	0	0	0	0	0	74.2	70	Y	0.8	N	N	0.0	N	N
R6064	10	40.7	Tai Ping Estate	72.7	73.3	74	0	0	0	0	0	0	0	74	70	Y	0.7	N	N	0.0	N	N
R6064	11	43.7	Tai Ping Estate	72.6	73.2	73.9	0	0	0	0	0	0	0	73.9	70	Y	0.7	N	N	0.0	N	N
R6064	12	46.7	Tai Ping Estate	72.4	73.1	73.8	0	0	0	0	0	0	0	73.8	70	Y	0.7	N	N	0.0	N	N
R6064	13	49.7	Tai Ping Estate	72.3	72.9	73.6	0	0	0	0	0	0	0	73.6	70	Y	0.7	N	N	0.0	N	N
R6064	14	52.7	Tai Ping Estate	72.2	72.8	73.5	0	0	0	0	0	0	0	73.5	70	Y	0.7	N	N	0.0	N	N
R6064	15	55.7	Tai Ping Estate	72.1	72.7	73.3	0	0	0	0	0	0	0	73.3	70	Y	0.6	N	N	0.0	N	N
R6064	16	58.7	Tai Ping Estate	71.9	72.6	73.2	0	0	0	0	0	0	0	73.2	70	Y	0.6	N	N	0.0	N	N
R6064	17	61.7	Tai Ping Estate	71.8	72.4	73	0	0	0	0	0	0	0	73	70	Y	0.6	N	N	0.0	N	N
R6064	18	64.7	Tai Ping Estate	71.7	72.3	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.6	N	N	0.0	N	N
R6064	19	67.7	Tai Ping Estate	71.6	72.2	72.8	0	0	0	0	0	0	0	72.8	70	Y	0.6	N	N	0.0	N	N
R6064	20	70.7	Tai Ping Estate	71.5	72.1	72.7	0	0	0	0	0	0	0	72.7	70	Y	0.6	N	N	0.0	N	N
R6064	21	73.7	Tai Ping Estate	71.4	72	72.6	0	0	0	0	0	0	0	72.6	70	Y	0.6	N	N	0.0	N	N
R6064	22	76.7	Tai Ping Estate	71.3	71.9	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.5	N	N	0.0	N	N
R6064	23	79.7	Tai Ping Estate	71.2	71.8	72.3	0	0	0	0	0	0	0	72.3	70	Y	0.5	N	N	0.0	N	N
R6064	24	82.7	Tai Ping Estate	71.1	71.7	72.2	0	0	0	0	0	0	0	72.2	70	Y	0.5	N	N	0.0	N	N
R6064	25	85.7	Tai Ping Estate	71	71.6	72.1	0	0	0	0	0	0	0	72.1	70	Y	0.5	N	N	0.0	N	N
R6064	26	88.7	Tai Ping Estate	70.8	71.5	72	0	0	0	0	0	0	0	72	70	Y	0.5	N	N	0.0	N	N
R6064	27	91.7	Tai Ping Estate	70.8	71.4	71.9	0	0	0	0	0	0	0	71.9	70	Y	0.5	N	N	0.0	N	N
R6064	28	94.7	Tai Ping Estate	70.7	71.3	71.8	0	0	0	0	0	0	0	71.8	70	Y	0.5	N	N	0.0	N	N
R6064	29	97.7	Tai Ping Estate	70.6	71.2	71.7	0	0	0	0	0	0	0	71.7	70	Y	0.5	N	N	0.0	N	N
R6064	30	100.7	Tai Ping Estate	70.5	71.1	71.6	0	0	0	0	0	0	0	71.6	70	Y	0.5	N	N	0.0	N	N
R6065	1	13.7	Tai Ping Estate	74.6	75.2	75	0	0	0	0	0	0	0	75	70	Y	-0.2	N	N	0.0	N	N
R6065	2	16.7	Tai Ping Estate	74.5	75.2	75	0	0	0	0	0	0	0	75	70	Y	-0.2	N	N	0.0	N	N
R6065	3	19.7	Tai Ping Estate	74.4	75.1	74.9	0	0	0	0	0	0	0	74.9	70	Y	-0.2	N	N	0.0	N	N
R6065	4	22.7	Tai Ping Estate	74.3	75	74.8	0	0	0	0	0	0	0	74.8	70	Y	-0.2	N	N	0.0	N	N
R6065	5	25.7	Tai Ping Estate	74.2	74.9	74.7	0	0	0	0	0	0	0	74.7	70	Y	-0.2	N	N	0.0	N	N
R6065	6	28.7	Tai Ping Estate	74.1	74.7	74.6	0	0	0	0	0	0	0	74.6	70	Y	-0.1	N	N	0.0	N	N
R6065	7	31.7	Tai Ping Estate	73.9	74.6	74.4	0	0	0	0	0	0	0	74.4	70	Y	-0.2	N	N	0.0	N	N
R6065	8	34.7	Tai Ping Estate	73.7	74.4	74.3	0	0	0	0	0	0	0	74.3	70	Y	-0.1	N	N	0.0	N	N
R6065	9	37.7	Tai Ping Estate	73.6	74.3	74.2	0	0	0	0	0	0	0	74.2	70	Y	-0.1	N	N	0.0	N	N
R6065	10	40.7	Tai Ping Estate	73.4	74.1	74	0	0	0	0	0	0	0	74	70	Y	-0.1	N	N	0.0	N	N
R6065	11	43.7	Tai Ping Estate	73.3	74	73.9	0	0	0	0	0	0	0	73.9	70	Y	-0.1	N	N	0.0	N	N
R6065	12	46.7	Tai Ping Estate	73.1	73.8	73.7	0	0	0	0	0	0	0	73.7	70	Y	-0.1	N	N	0.0	N	N
R6065	13	49.7	Tai Ping Estate	73	73.6	73.6	0	0	0	0	0	0	0	73.6	70	Y	0.0	N	N	0.0	N	N
R6065	14	52.7	Tai Ping Estate	72.8	73.5	73.4	0	0	0	0	0	0	0	73.4	70	Y	-0.1	N	N	0.0	N	N
R6065	15	55.7	Tai Ping Estate	72.7	73.3	73.3	0	0	0	0	0	0	0	73.3	70	Y	0.0	N	N	0.0	N	N
R6065	16	58.7	Tai Ping Estate	72.5	73.2	73.1	0	0	0	0	0	0	0	73.1	70	Y	-0.1	N	N	0.0	N	N
R6065	17	61.7	Tai Ping Estate	72.4	73	73	0	0	0	0	0	0	0	73	70	Y	0.0	N	N	0.0	N	N
R6065	18	64.7	Tai Ping Estate	72.2	72.9	72.9	0	0	0	0	0	0	0	72.9	70	Y	0.0	N	N	0.0	N	N
R6065	19	67.7	Tai Ping Estate	72.1	72.8	72.7	0	0	0	0	0	0	0	72.7	70	Y	-0.1	N	N	0.0	N	N
R6065	20	70.7	Tai Ping Estate	72	72.7	72.7	0	0	0	0	0	0	0	72.7	70	Y	0.0	N	N	0.0	N	N
R6065	21	73.7	Tai Ping Estate	71.9	72.5	72.5	0	0	0	0	0	0	0	72.5	70	Y	0.0	N	N	0.0	N	N
R6065	22	76.7	Tai Ping Estate	71.7	72.4	72.4	0	0	0	0	0	0	0	72.4	70	Y	0.0	N	N	0.0	N	N
R6065	23	79.7	Tai Ping Estate	71.6	72.3	72.3	0	0	0	0	0	0	0	72.3	70	Y	0.0	N	N	0.0	N	N
R6065	24	82.7	Tai Ping Estate	71.5	72.2	72.2	0	0	0	0	0	0	0	72.2	70	Y	0.0	N	N	0.0	N	N
R6065	25	85.7	Tai Ping Estate	71.4	72.1	72.1	0	0	0	0	0	0	0	72.1	70	Y	0.0	N	N	0.0	N	N
R6065	26	88.7	Tai Ping Estate	71.3	71.9	72	0	0	0	0	0	0	0	72	70	Y	0.1	N	N	0.0	N	N
R6065	27	91.7	Tai Ping Estate	71.1	71.8	71.9	0	0	0	0	0	0	0	71.9	70	Y	0.1	N	N	0.0	N	N
R6065	28	94.7	Tai Ping Estate	71.1	71.7	71.8	0	0	0	0	0	0	0	71.8	70	Y	0.1	N	N	0.0	N	N
R6065	29	97.7	Tai Ping Estate	70.9	71.6	71.7	0	0	0	0	0	0	0	71.7	70	Y	0.1	N	N	0.0	N	N
R6065	30	100.7	Tai Ping Estate	70.8	71.5	71.6	0	0	0	0	0	0	0	71.6	70	Y	0.1	N	N	0.0	N	N
R6066	1	13.7	Tai Ping Estate	71.1	71.8	71.2	0	0	0	23.3	0	0	23.3	71.2	70	Y	-0.6	N	N	0.0	N	N
R6066	2	16.7	Tai Ping Estate	71.1	71.8	71.2	0	0	0	24.9	0	0	24.9	71.2	70	Y	-0.6	N	N	0.0	N	N
R6066	3	19.7	Tai Ping Estate	71.1	71.7	71.1	0	0	0	26.8	0	0	26.8	71.1	70	Y	-0.6	N	N	0.0	N	N
R6066	4	22.7	Tai Ping Estate	71	71.6	71.1	0	0	0	29.1	0	0	29.1	71.1	70	Y	-0.5	N	N	0.0	N	N
R6066	5	25.7	Tai Ping Estate	70.9	71.6	71	0	0	0	32.2	0	0	32.2	71	70	Y	-0.6	N	N	0.0	N	N
R6066	6	28.7	Tai Ping Estate	70.8	71.5	70.9	0	0	0	34.9	0	0	34.9	70.9	70	Y	-0.6	N	N	0.0	N	N
R6066	7	31.7	Tai Ping Estate	70.7	71.4	70.8	0	0	0	36.3	0	0	36.3	70.8	70	Y	-0.6	N	N	0.0	N	N
R6066	8	34.7	Tai Ping Estate	70.6	71.3	70.7	0	0	0	36.9	0	0	36.9	70.7	70	Y	-0.6	N	N	0.0	N	N
R6066	9	37.7	Tai Ping Estate	70.5	71.1	70.5	0	0	0	37.1	0	0	37.1	70.5	70	Y	-0.6	N	N	0.0	N	N
R6066	10	40.7	Tai Ping Estate	70.4	71	70.5	0	0	0	37.2	0	0	37.2	70.5	70	Y	-0.5	N	N	0.0	N	N
R6066	11	43.7	Tai Ping Estate	70.2	70.9	70.3	0	0	0	37.2	0	0	37.2	70.3	70	N	-0.6	N	N	0.0	N	N
R6066	12	46.7	Tai Ping Estate	70.2	70.8	70.2	0	0	0	37.1	0	0	37.1	70.2	70	N	-0.6	N	N	0.0	N	N
R6066	13	49.7	Tai Ping Estate	70	70.7	70.1	0	0	0	37.1	0	0	37.1	70.1	70	N	-0.6	N	N	0.0	N	N
R6066	14	52.7	Tai Ping Estate	69.9	70.6	70	0	0	0	37.1	0	0	37.1	70	70	N	-0.6	N	N	0.0	N	N
R6066	15	55.7	Tai Ping Estate	69.8	70.4	69.8	0	0	0	37.1	0	0	37.1	69.8	70	N	-0.6	N	N	0.0	N	N
R6066	16	58.7	Tai Ping Estate	69.7	70.4	69.8	0	0	0	37.1	0	0	37.1	69.8	70	N	-0.6	N	N	0.0	N	N
R6066	17	61.7	Tai Ping Estate	69.6	70.3	69.6	0	0	0	37.1	0	0	37.1	69.6	70	N	-0.7	N	N	0.0	N	N
R6066	18	64.7	Tai Ping Estate	69.5	70.2	69.5	0	0	0	37.1	0	0	37.1	69.5	70	N	-0.7	N	N	0.0	N	N
R6066	19	67.7	Tai Ping Estate	69.4	70	69.4	0	0	0	37.1	0	0	37.1	69.4	70	N	-0.6	N	N	0.0	N	N
R6066	20	70.7	Tai Ping Estate	69.3	69.9	69.3	0	0	0	37.1	0	0	37.1	69.3	70	N	-0.6	N	N	0.0	N	N
R6066	21	73.7	Tai Ping Estate	69.2	69.8	69.2	0	0	0	37.1	0	0	37.1	69.2	70	N	-0.6	N	N	0.0	N	N
R6066	22	76.7	Tai Ping Estate	69.1	69.7	69.1	0	0	0	37.1	0	0	37.1	69.1	70	N	-0.6	N	N	0.0	N	N
R6066	23	79.7	Tai Ping Estate	69	69.6	69	0	0	0	37.1	0	0	37.1	69	70	N	-0.6	N	N	0.0	N	N
R6066	24	82.7	Tai Ping Estate	68.9	69.5	68.8	0	0	0	37	0	0	37	68.8	70	N	-0.7	N	N	0.0	N	N
R6066	25	85.7	Tai Ping Estate	68.8	69.4	68.7	0	0	0	37	0	0	37	68.7	70	N	-0.7	N	N	0.0	N	N
R6066	26	88.7	Tai Ping Estate	68.7	69.3	68.6	0	0	0	37	0	0	37	68.6	70	N	-0.7	N	N	0.0	N	N
R6066	27	91.7	Tai Ping Estate	68.6	69.2	68.5	0	0	0	37	0	0	37	68.5	70	N	-0.7	N	N	0.0	N	N
R6066	28	94.7	Tai Ping Estate	68.5	69.1	68.4	0	0	0	37	0	0	37	68.4	70	N	-0.7	N	N	0.0	N	N
R6066	29	97.7	Tai Ping Estate	68.4	69	68.3	0	0	0	37	0	0	37	68.3	70	N	-0.7	N	N	0.0	N	N
R6066	30	100.7	Tai Ping Estate	68.3	68.9	68.2	0	0	0	37	0	0	37	68.2	70	N	-0.7	N	N	0.0	N	N
R6067	1	13.7	Tai Ping Estate	73.1	73.8	73.2	0	0	0	0	0	0	0	73.2	70	Y	-0.6	N	N	0.0	N	N
R6067	2	16.7	Tai Ping Estate	73.1	73.8	73.2	0	0	0	0	0	0	0	73.2	70	Y	-0.6	N	N	0.0	N	N
R6067	3	19.7	Tai Ping Estate	73	73.7	73.1	0	0	0	0	0	0	0	73.1	70	Y	-0.6	N	N	0.0	N	N
R6067	4	22.7	Tai Ping Estate	72.9	73.7	73	0	0	0	0	0	0	0	73	70	Y	-0.7	N	N	0.0	N	N
R6067	5	25.7	Tai Ping Estate	72.8	73.5	72.9	0	0	0	0	0	0	0	72.9	70	Y	-0.6	N	N	0.0	N	N
R6067	6	28.7	Tai Ping Estate	72.7	73.4	72.8	0	0	0	0	0	0	0	72.8	70	Y	-0.6	N	N	0.0	N	N
R6067	7	31.7	Tai Ping Estate	72.5	73.2	72.6	0	0	0	0	0	0	0	72.6	70	Y	-0.6	N	N	0.0	N	N
R6067	8	34.7	Tai Ping Estate	72.4	73.1	72.5	0	0	0	0	0	0	0	72.5	70	Y	-0.6	N	N	0.0	N	N
R6067	9	37.7	Tai Ping Estate	72.2	72.9	72.3	0	0	0	0	0	0	0	72.3	70	Y	-0.6	N	N	0.0	N	N
R6067	10	40.7	Tai Ping Estate	72.1	72.8	72.2	0	0	0	0	0	0	0	72.2	70	Y	-0.6	N	N	0.0	N	N
R6067	11	43.7	Tai Ping Estate	71.9	72.6	72	0	0	0	0	0	0	0	72	70	Y	-0.6	N	N	0.0	N	N
R6067	12	46.7	Tai Ping Estate	71.7	72.4	71.8	0	0	0	0	0	0	0	71.8	70	Y	-0.6	N	N	0.0	N	N
R6067	13	49.7	Tai Ping Estate	71.6	72.3	71.7	0	0	0	0	0	0	0	71.7	70	Y	-0.6	N	N	0.0	N	N
R6067	14	52.7	Tai Ping Estate	71.5	72.2	71.6	0	0	0	0	0	0	0	71.6	70	Y	-0.6	N	N	0.0	N	N
R6067	15	55.7	Tai Ping Estate	71.3	72	71.4	0	0	0	0	0	0	0	71.4	70	Y	-0.6	N	N	0.0	N	N
R6067	16	58.7	Tai Ping Estate	71.1	71.8	71.2	0	0	0	0	0	0	0	71.2	70	Y	-0.6	N	N	0.0	N	N
R6067	17	61.7	Tai Ping Estate	71	71.7	71.1	0	0	0	0	0	0	0	71.1	70	Y	-0.6	N	N	0.0	N	N
R6067	18	64.7	Tai Ping Estate	70.8	71.5	70.9	0	0	0	0	0	0	0	70.9	70	Y	-0.6	N	N	0.0	N	N
R6067	19	67.7	Tai Ping Estate	70.6	71.4	70.7	0	0	0	0	0	0	0	70.7	70	Y	-0.7	N	N	0.0	N	N
R6067	20	70.7	Tai Ping Estate	70.5	71.2	70.6	0	0	0	0	0	0	0	70.6	70	Y	-0.6	N	N	0.0	N	N
R6067	21	73.7	Tai Ping Estate	70.4	71.1	70.5	0	0	0	0	0	0	0	70.5	70	Y	-0.6	N	N	0.0	N	N
R6067	22	76.7	Tai Ping Estate	70.3	71	70.4	0	0	0	0	0	0	0	70.4	70	N	-0.6	N	N	0.0	N	N
R6067	23	79.7	Tai Ping Estate	70.1	70.8	70.2	0	0	0	0	0	0	0	70.2	70	N	-0.6	N	N	0.0	N	N
R6067	24	82.7	Tai Ping Estate	70	70.7	70.1	0	0	0	0	0	0	0	70.1	70	N	-0.6	N	N	0.0	N	N
R6067	25	85.7	Tai Ping Estate	69.8	70.5	69.9	0	0	0	0	0	0	0	69.9	70	N	-0.6	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT								Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS PD	DD	OTHER	EX	TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required[2,3] (Y/N)
R6067	26	88.7	Tai Ping Estate	69.7	70.4	69.8	0	0	0	0	0	0	0	69.8	70	N	-0.6	N	N	0.0	N	N
R6067	27	91.7	Tai Ping Estate	69.6	70.3	69.7	0	0	0	0	0	0	0	69.7	70	N	-0.6	N	N	0.0	N	N
R6067	28	94.7	Tai Ping Estate	69.4	70.1	69.5	0	0	0	0	0	0	0	69.5	70	N	-0.6	N	N	0.0	N	N
R6067	29	97.7	Tai Ping Estate	69.3	70	69.4	0	0	0	0	0	0	0	69.4	70	N	-0.6	N	N	0.0	N	N
R6067	30	100.7	Tai Ping Estate	69.2	69.9	69.3	0	0	0	0	0	0	0	69.3	70	N	-0.6	N	N	0.0	N	N
R6068	1	13.7	Tai Ping Estate	75.2	75.9	75.3	0	0	0	0	0	0	0	75.3	70	Y	-0.6	N	N	0.0	N	N
R6068	2	16.7	Tai Ping Estate	75.1	75.8	75.2	0	0	0	0	0	0	0	75.2	70	Y	-0.6	N	N	0.0	N	N
R6068	3	19.7	Tai Ping Estate	75	75.6	75	0	0	0	0	0	0	0	75	70	Y	-0.6	N	N	0.0	N	N
R6068	4	22.7	Tai Ping Estate	74.8	75.5	74.9	0	0	0	0	0	0	0	74.9	70	Y	-0.6	N	N	0.0	N	N
R6068	5	25.7	Tai Ping Estate	74.7	75.3	74.7	0	0	0	0	0	0	0	74.7	70	Y	-0.6	N	N	0.0	N	N
R6068	6	28.7	Tai Ping Estate	74.4	75.1	74.5	0	0	0	0	0	0	0	74.5	70	Y	-0.6	N	N	0.0	N	N
R6068	7	31.7	Tai Ping Estate	74.3	74.9	74.3	0	0	0	0	0	0	0	74.3	70	Y	-0.6	N	N	0.0	N	N
R6068	8	34.7	Tai Ping Estate	74	74.7	74.1	0	0	0	0	0	0	0	74.1	70	Y	-0.6	N	N	0.0	N	N
R6068	9	37.7	Tai Ping Estate	73.8	74.5	73.9	0	0	0	0	0	0	0	73.9	70	Y	-0.6	N	N	0.0	N	N
R6068	10	40.7	Tai Ping Estate	73.6	74.2	73.7	0	0	0	0	0	0	0	73.7	70	Y	-0.5	N	N	0.0	N	N
R6068	11	43.7	Tai Ping Estate	73.5	74.1	73.5	0	0	0	0	0	0	0	73.5	70	Y	-0.6	N	N	0.0	N	N
R6068	12	46.7	Tai Ping Estate	73.2	73.9	73.3	0	0	0	0	0	0	0	73.3	70	Y	-0.6	N	N	0.0	N	N
R6068	13	49.7	Tai Ping Estate	73.1	73.7	73.1	0	0	0	0	0	0	0	73.1	70	Y	-0.6	N	N	0.0	N	N
R6068	14	52.7	Tai Ping Estate	72.9	73.5	72.9	0	0	0	0	0	0	0	72.9	70	Y	-0.6	N	N	0.0	N	N
R6068	15	55.7	Tai Ping Estate	72.7	73.3	72.7	0	0	0	0	0	0	0	72.7	70	Y	-0.6	N	N	0.0	N	N
R6068	16	58.7	Tai Ping Estate	72.5	73.1	72.6	0	0	0	0	0	0	0	72.6	70	Y	-0.5	N	N	0.0	N	N
R6068	17	61.7	Tai Ping Estate	72.3	73	72.4	0	0	0	0	0	0	0	72.4	70	Y	-0.6	N	N	0.0	N	N
R6068	18	64.7	Tai Ping Estate	72.2	72.8	72.2	0	0	0	0	0	0	0	72.2	70	Y	-0.6	N	N	0.0	N	N
R6068	19	67.7	Tai Ping Estate	72	72.6	72.1	0	0	0	0	0	0	0	72.1	70	Y	-0.5	N	N	0.0	N	N
R6068	20	70.7	Tai Ping Estate	71.9	72.5	71.9	0	0	0	0	0	0	0	71.9	70	Y	-0.6	N	N	0.0	N	N
R6068	21	73.7	Tai Ping Estate	71.7	72.3	71.7	0	0	0	0	0	0	0	71.7	70	Y	-0.6	N	N	0.0	N	N
R6068	22	76.7	Tai Ping Estate	71.5	72.1	71.6	0	0	0	0	0	0	0	71.6	70	Y	-0.5	N	N	0.0	N	N
R6068	23	79.7	Tai Ping Estate	71.4	72	71.4	0	0	0	0	0	0	0	71.4	70	Y	-0.6	N	N	0.0	N	N
R6068	24	82.7	Tai Ping Estate	71.3	71.9	71.3	0	0	0	0	0	0	0	71.3	70	Y	-0.6	N	N	0.0	N	N
R6068	25	85.7	Tai Ping Estate	71.2	71.7	71.2	0	0	0	0	0	0	0	71.2	70	Y	-0.5	N	N	0.0	N	N
R6068	26	88.7	Tai Ping Estate	71	71.6	71	0	0	0	0	0	0	0	71	70	Y	-0.6	N	N	0.0	N	N
R6068	27	91.7	Tai Ping Estate	70.9	71.5	70.9	0	0	0	0	0	0	0	70.9	70	Y	-0.6	N	N	0.0	N	N
R6068	28	94.7	Tai Ping Estate	70.7	71.3	70.8	0	0	0	0	0	0	0	70.8	70	Y	-0.5	N	N	0.0	N	N
R6068	29	97.7	Tai Ping Estate	70.6	71.2	70.7	0	0	0	0	0	0	0	70.7	70	Y	-0.5	N	N	0.0	N	N
R6068	30	100.7	Tai Ping Estate	70.5	71.1	70.5	0	0	0	0	0	0	0	70.5	70	Y	-0.6	N	N	0.0	N	N
R6081	1	17.5	Grand Tower and Fu Kwai Building	75.3	75.4	73.8	0	49.3	43	0	0	0	50.2	73.8	70	Y	-1.6	N	N	0.0	N	N
R6081	2	20.5	Grand Tower and Fu Kwai Building	75.3	75.4	73.8	0	49.6	43	0	0	0	50.4	73.8	70	Y	-1.6	N	N	0.0	N	N
R6081	3	23.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.7	0	49.8	43	0	0	0	50.7	73.7	70	Y	-1.6	N	N	0.0	N	N
R6081	4	26.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.7	0	50.2	43	0	0	0	51	73.7	70	Y	-1.6	N	N	0.0	N	N
R6081	5	29.5	Grand Tower and Fu Kwai Building	75.1	75.2	73.6	0	50.5	43	0	0	0	51.2	73.6	70	Y	-1.6	N	N	0.0	N	N
R6081	6	32.5	Grand Tower and Fu Kwai Building	75.1	75.2	73.6	0	50.6	43	0	0	0	51.3	73.6	70	Y	-1.6	N	N	0.0	N	N
R6081	7	35.5	Grand Tower and Fu Kwai Building	75	75.1	73.5	0	50.7	43	0	0	0	51.4	73.5	70	Y	-1.6	N	N	0.0	N	N
R6081	8	38.5	Grand Tower and Fu Kwai Building	74.9	75	73.4	0	50.9	43	0	0	0	51.5	73.5	70	Y	-1.5	N	N	0.1	N	N
R6081	9	41.5	Grand Tower and Fu Kwai Building	74.8	74.9	73.4	0	51.1	43	0	0	0	51.7	73.4	70	Y	-1.5	N	N	0.0	N	N
R6081	10	44.5	Grand Tower and Fu Kwai Building	74.8	74.9	73.3	0	51.4	43	0	0	0	52	73.3	70	Y	-1.6	N	N	0.0	N	N
R6081	11	47.5	Grand Tower and Fu Kwai Building	74.6	74.8	73.2	0	51.6	43	0	0	0	52.2	73.2	70	Y	-1.6	N	N	0.0	N	N
R6081	12	50.5	Grand Tower and Fu Kwai Building	74.5	74.7	73.1	0	51.9	43	0	0	0	52.5	73.1	70	Y	-1.6	N	N	0.0	N	N
R6081	13	53.5	Grand Tower and Fu Kwai Building	74.5	74.6	73	0	52.2	42.9	0	0	0	52.7	73	70	Y	-1.6	N	N	0.0	N	N
R6081	14	56.5	Grand Tower and Fu Kwai Building	74.4	74.5	72.9	0	52.4	42.9	0	0	0	52.9	72.9	70	Y	-1.6	N	N	0.0	N	N
R6081	15	59.5	Grand Tower and Fu Kwai Building	74.3	74.4	72.8	0	52.7	42.9	0	0	0	53.1	72.8	70	Y	-1.6	N	N	0.0	N	N
R6082	1	17.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.7	0	48.9	42.7	0	0	0	49.8	73.7	70	Y	-1.6	N	N	0.0	N	N
R6082	2	20.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.7	0	49.1	42.7	0	0	0	50	73.7	70	Y	-1.6	N	N	0.0	N	N
R6082	3	23.5	Grand Tower and Fu Kwai Building	75.1	75.2	73.6	0	49.4	42.7	0	0	0	50.2	73.7	70	Y	-1.5	N	N	0.1	N	N
R6082	4	26.5	Grand Tower and Fu Kwai Building	75.1	75.2	73.6	0	49.7	42.7	0	0	0	50.5	73.6	70	Y	-1.6	N	N	0.0	N	N
R6082	5	29.5	Grand Tower and Fu Kwai Building	75	75.2	73.5	0	50	42.7	0	0	0	50.8	73.6	70	Y	-1.6	N	N	0.1	N	N
R6082	6	32.5	Grand Tower and Fu Kwai Building	75	75.1	73.5	0	50.1	42.7	0	0	0	50.8	73.5	70	Y	-1.6	N	N	0.0	N	N
R6082	7	35.5	Grand Tower and Fu Kwai Building	74.9	75.1	73.4	0	50.2	42.7	0	0	0	50.9	73.5	70	Y	-1.6	N	N	0.1	N	N
R6082	8	38.5	Grand Tower and Fu Kwai Building	74.9	75	73.4	0	50.3	42.7	0	0	0	51	73.4	70	Y	-1.6	N	N	0.0	N	N
R6082	9	41.5	Grand Tower and Fu Kwai Building	74.8	74.9	73.3	0	50.5	42.7	0	0	0	51.2	73.3	70	Y	-1.6	N	N	0.0	N	N
R6082	10	44.5	Grand Tower and Fu Kwai Building	74.7	74.8	73.2	0	50.8	42.7	0	0	0	51.4	73.2	70	Y	-1.6	N	N	0.0	N	N
R6082	11	47.5	Grand Tower and Fu Kwai Building	74.6	74.7	73.1	0	51	42.7	0	0	0	51.6	73.1	70	Y	-1.6	N	N	0.0	N	N
R6082	12	50.5	Grand Tower and Fu Kwai Building	74.5	74.6	73	0	51.3	42.7	0	0	0	51.9	73	70	Y	-1.6	N	N	0.0	N	N
R6082	13	53.5	Grand Tower and Fu Kwai Building	74.4	74.5	72.9	0	51.6	42.7	0	0	0	52.1	72.9	70	Y	-1.6	N	N	0.0	N	N
R6082	14	56.5	Grand Tower and Fu Kwai Building	74.3	74.4	72.8	0	51.8	42.6	0	0	0	52.3	72.8	70	Y	-1.6	N	N	0.0	N	N
R6082	15	59.5	Grand Tower and Fu Kwai Building	74.2	74.3	72.7	0	52	42.6	0	0	0	52.5	72.8	70	Y	-1.5	N	N	0.1	N	N
R6085	1	17.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.7	0	45.6	42.3	0	0	0	47.3	73.7	70	Y	-1.6	N	N	0.0	N	N
R6085	2	20.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.6	0	45.9	42.2	0	0	0	47.5	73.7	70	Y	-1.6	N	N	0.1	N	N
R6085	3	23.5	Grand Tower and Fu Kwai Building	75.2	75.3	73.6	0	46.3	42.2	0	0	0	47.7	73.6	70	Y	-1.7	N	N	0.0	N	N
R6085	4	26.5	Grand Tower and Fu Kwai Building	75.1	75.2	73.6	0	46.7	42.2	0	0	0	48	73.6	70	Y	-1.6	N	N	0.0	N	N
R6085	5	29.5	Grand Tower and Fu Kwai Building	75	75.1	73.5	0	47.2	42.2	0	0	0	48.4	73.5	70	Y	-1.6	N	N	0.0	N	N
R6102	1	12.5	Fanling Rhenish Church Seconadry School	79.4	79.4	77.9	0	42.4	41.5	0	0	0	45	77.9	65	Y	-1.5	N	N	0.0	N	N
R6102	2	15.5	Fanling Rhenish Church Seconadry School	79.3	79.4	77.9	0	42.6	41.5	0	0	0	45.1	77.9	65	Y	-1.5	N	N	0.0	N	N
R6102	3	18.5	Fanling Rhenish Church Seconadry School	79.2	79.3	77.8	0	42.9	41.5	0	0	0	45.3	77.8	65	Y	-1.5	N	N	0.0	N	N
R6102	4	21.5	Fanling Rhenish Church Seconadry School	79	79.1	77.6	0	43.3	41.5	0	0	0	45.5	77.6	65	Y	-1.5	N	N	0.0	N	N
R6102	5	24.5	Fanling Rhenish Church Seconadry School	78.8	78.9	77.4	0	43.6	41.5	0	0	0	45.7	77.4	65	Y	-1.5	N	N	0.0	N	N
R6102	6	27.5	Fanling Rhenish Church Seconadry School	78.5	78.6	77.1	0	44	41.5	0	0	0	45.9	77.1	65	Y	-1.5	N	N	0.0	N	N
R6102	7	30.5	Fanling Rhenish Church Seconadry School	78.3	78.4	76.9	0	44.5	41.5	0	0	0	46.3	76.9	65	Y	-1.5	N	N	0.0	N	N
R6102	8	33.5	Fanling Rhenish Church Seconadry School	78.1	78.2	76.7	0	44.7	41.5	0	0	0	46.4	76.7	65	Y	-1.5	N	N	0.0	N	N
R6121	1	11.6	Buddhist Ma Kam Chan Memorial English Secondary School	78.8	79.2	79.2	0	0	0	16.9	0	0	16.9	79.2	65	Y	0.0	N	N	0.0	N	N
R6121	2	14.6	Buddhist Ma Kam Chan Memorial English Secondary School	78.8	79.1	79.1	0	0	0	17.8	0	0	17.8	79.1	65	Y	0.0	N	N	0.0	N	N
R6121	3	17.6	Buddhist Ma Kam Chan Memorial English Secondary School	78.6	79	79	0	0	0	18.7	0	0	18.7	79	65	Y	0.0	N	N	0.0	N	N
R6121	4	20.6	Buddhist Ma Kam Chan Memorial English Secondary School	78.5	78.8	78.8	0	0	0	19.6	0	0	19.6	78.8	65	Y	0.0	N	N	0.0	N	N
R6121	5	23.6	Buddhist Ma Kam Chan Memorial English Secondary School	78.2	78.6	78.6	0	0	0	20.5	0	0	20.5	78.6	65	Y	0.0	N	N	0.0	N	N
R6121	6	26.6	Buddhist Ma Kam Chan Memorial English Secondary School	78	78.4	78.3	0	0	0	21.5	0	0	21.5	78.3	65	Y	-0.1	N	N	0.0	N	N
R6121	7	29.6	Buddhist Ma Kam Chan Memorial English Secondary School	77.7	78.1	78.1	0	0	0	22.4	0	0	22.4	78.1	65	Y	0.0	N	N	0.0	N	N
R6122	1	11.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.4	75.8	75.7	0	0	0	0	0	0	0	75.7	65	Y	-0.1	N	N	0.0	N	N
R6122	2	14.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.4	75.8	75.7	0	0	0	0	0	0	0	75.7	65	Y	-0.1	N	N	0.0	N	N
R6122	3	17.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.3	75.7	75.7	0	0	0	0	0	0	0	75.7	65	Y	0.0	N	N	0.0	N	N
R6122	4	20.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.3	75.7	75.6	0	0	0	0	0	0	0	75.6	65	Y	-0.1	N	N	0.0	N	N
R6122	5	23.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.2	75.6	75.6	0	0	0	0	0	0	0	75.6	65	Y	0.0	N	N	0.0	N	N
R6122	6	26.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.2	75.6	75.5	0	0	0	0	0	0	0	75.5	65	Y	-0.1	N	N	0.0	N	N
R6122	7	29.6	Buddhist Ma Kam Chan Memorial English Secondary School	75.1	75.5	75.4	0	0	0	0	0	0	0	75.4	65	Y	-0.1	N	N	0.0	N	N
R6141	1	14.8	Fanling Garden	72.1	72.4	72.3	0	0	0	44.8	0	0	44.8	72.3	70	Y	-0.1	N	N	0.0	N	N
R6141	2	17.8	Fanling Garden	71.8	72.1	72	0	0	0	45.9	0	0	45.9	72	70	Y	-0.1	N	N	0.0	N	N
R6141	3	20.8	Fanling Garden	71.6	71.9	71.8	0	0	0	46.6	0	0	46.6	71.8	70	Y	-0.1	N	N	0.0	N	N
R6142	1	14.8	Fanling Garden	79.8	80.2	80	0	0	0	42.7	0	0	42.7	80	70	Y	-0.2	N	N	0.0	N	N
R6142	2	17.8	Fanling Garden	79.5	79.9	79.7	0	0	0	43.8	0	0	43.8	79.7	70	Y	-0.2	N	N	0.0	N	N
R6142	3	20.8	Fanling Garden	79.1	79.5	79.3	0	0	0	44.5	0	0	44.5	79.3	70	Y	-0.2	N	N	0.0	N	N
R6143	1	14.8	Fanling Garden	80.3	80.7	80.5	0	0	0	40.4	0	0	40.4	80.5	70	Y	-0.2	N	N	0.0	N	N
R6143	2	17.8	Fanling Garden	79.9	80.4	80.2	0	0	0	41.6	0	0	41.6	80.2	70	Y	-0.2	N	N	0.0	N	N
R6143	3	20.8	Fanling Garden	79.5	79.9	79.7	0	0	0	42.3	0	0	42.3	79.7	70	Y	-0.2	N	N	0.0	N	N
R6144	1	14.8	Fanling Garden	80.4	80.8	80.6	0	14	0	38.6	0	0	38.6	80.6	70	Y	-0.2	N	N	0.0	N	N
R6144	2	17.8	Fanling Garden	80	80.4	80.2	0	14	0	39.6	0	0	39.6	80.2	70	Y	-0.2	N	N	0.0	N	N
R6144	3	20.8	Fanling Garden	79.5	80	79.8	0	14	0	40.4	0	0	40.4	79.8	70	Y	-0.2	N	N	0.0	N	N
R6145	1	14.8	Fanling Garden	80.3	80.7	80.5	0	13.8	0	37.1	0	0	37.1	80.5	70	Y	-0.2	N	N	0.0	N	N
R6145	2	17.8	Fanling Garden	79.9	80.3	80.1	0	13.8	0	38.1	0	0	38.2	80.1	70	Y	-0.2	N	N	0.0	N	N
R6145	3	20.8	Fanling Garden	79.5	79.9	79.7	0	13.8	0	38.8	0	0	38.8	79.7	70	Y	-0.2	N	N	0.0	N	N
R6146	1	14.8	Fanling Garden	79.7	80.1	79.9	0	22.7	0	35.3	0	0	35.5	79.9	70	Y	-0.2	N	N	0.0	N	N
R6146	2	17.8	Fanling Garden	79.5	79.9	79.7	0	22.9	0	36.2	0	0	36.4	79.7	70	Y	-0.2	N	N	0.0	N	N
R6146	3	20.8	Fanling Garden	79.1	79.5	79.3	0	23.1	0	37	0	0	37.2	79.3	70	Y	-0.2	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R6147	1	14.8	Fanling Garden	74.5	74.9	74.7	0	0	0	0	0	0	0	74.7	70	Y	-0.2	N	N	0.0	N	N
R6147	2	17.8	Fanling Garden	74.4	74.8	74.6	0	0	0	0	0	0	0	74.6	70	Y	-0.2	N	N	0.0	N	N
R6147	3	20.8	Fanling Garden	74.3	74.7	74.5	0	0	0	0	0	0	0	74.5	70	Y	-0.2	N	N	0.0	N	N
R6161	1	16.0	Tai Po Civil Servants Quarters	64.5	65.2	65.8	0	0	10.1	56.5	0	0	56.5	66.3	70	N	1.1	Y	N	0.5	N	N
R6161	2	19.0	Tai Po Civil Servants Quarters	64.6	65.3	65.9	0	0	10.1	56.1	0	0	56.1	66.3	70	N	1.0	N	N	0.4	N	N
R6161	3	22.0	Tai Po Civil Servants Quarters	64.7	65.3	66	0	0	10.1	55.7	0	0	55.7	66.3	70	N	1.0	N	N	0.3	N	N
R6161	4	25.0	Tai Po Civil Servants Quarters	64.7	65.3	66	0	0	10.1	55.4	0	0	55.4	66.3	70	N	1.0	N	N	0.3	N	N
R6161	5	28.0	Tai Po Civil Servants Quarters	64.7	65.3	66	0	0	10.1	55.2	0	0	55.2	66.3	70	N	1.0	N	N	0.3	N	N
R6161	6	31.0	Tai Po Civil Servants Quarters	64.6	65.3	66	0	0	10.1	55.1	0	0	55.1	66.3	70	N	1.0	N	N	0.3	N	N
R6162	1	16.0	Tai Po Civil Servants Quarters	68	68.5	68.7	0	0	0	0	0	0	0	68.7	70	N	0.2	N	N	0.0	N	N
R6162	2	19.0	Tai Po Civil Servants Quarters	67.9	68.5	68.6	0	0	0	0	0	0	0	68.6	70	N	0.1	N	N	0.0	N	N
R6162	3	22.0	Tai Po Civil Servants Quarters	67.9	68.4	68.5	0	0	0	0	0	0	0	68.5	70	N	0.1	N	N	0.0	N	N
R6162	4	25.0	Tai Po Civil Servants Quarters	67.8	68.3	68.4	0	0	0	0	0	0	0	68.4	70	N	0.1	N	N	0.0	N	N
R6162	5	28.0	Tai Po Civil Servants Quarters	67.7	68.2	68.4	0	0	0	0	0	0	0	68.4	70	N	0.2	N	N	0.0	N	N
R6162	6	31.0	Tai Po Civil Servants Quarters	67.5	68.1	68.2	0	0	0	0	0	0	0	68.2	70	N	0.1	N	N	0.0	N	N
R6181	1	15.5	Sunningdale Garden	73.4	74.1	73.6	0	0	0	7.1	0	0	7.1	73.6	70	Y	-0.5	N	N	0.0	N	N
R6181	2	18.5	Sunningdale Garden	73.3	74	73.5	0	0	0	7.6	0	0	7.6	73.5	70	Y	-0.5	N	N	0.0	N	N
R6181	3	21.5	Sunningdale Garden	73.2	73.9	73.4	0	0	0	8.3	0	0	8.3	73.4	70	Y	-0.5	N	N	0.0	N	N
R6181	4	24.5	Sunningdale Garden	73.1	73.8	73.3	0	0	0	9	0	0	9	73.3	70	Y	-0.5	N	N	0.0	N	N
R6181	5	27.5	Sunningdale Garden	73	73.6	73.2	0	0	0	9.8	0	0	9.8	73.2	70	Y	-0.4	N	N	0.0	N	N
R6181	6	30.5	Sunningdale Garden	72.8	73.4	73	0	0	0	10.4	0	0	10.4	73	70	Y	-0.4	N	N	0.0	N	N
R6181	7	33.5	Sunningdale Garden	72.6	73.3	72.8	0	0	0	10.9	0	0	10.9	72.8	70	Y	-0.5	N	N	0.0	N	N
R6181	8	36.5	Sunningdale Garden	72.5	73.1	72.7	0	0	0	11.4	0	0	11.4	72.7	70	Y	-0.4	N	N	0.0	N	N
R6181	9	39.5	Sunningdale Garden	72.3	72.9	72.5	0	0	0	12.2	0	0	12.2	72.5	70	Y	-0.4	N	N	0.0	N	N
R6181	10	42.5	Sunningdale Garden	72.1	72.8	72.3	0	0	0	12.6	0	0	12.6	72.3	70	Y	-0.5	N	N	0.0	N	N
R6181	11	45.5	Sunningdale Garden	71.9	72.6	72.1	0	0	0	12.7	0	0	12.7	72.1	70	Y	-0.5	N	N	0.0	N	N
R6181	12	48.5	Sunningdale Garden	71.7	72.4	72	0	0	0	13.2	0	0	13.2	72	70	Y	-0.4	N	N	0.0	N	N
R6181	13	51.5	Sunningdale Garden	71.6	72.2	71.8	0	0	0	13.8	0	0	13.8	71.8	70	Y	-0.4	N	N	0.0	N	N
R6181	14	54.5	Sunningdale Garden	71.4	72.1	71.6	0	0	0	14.4	0	0	14.4	71.6	70	Y	-0.5	N	N	0.0	N	N
R6181	15	57.5	Sunningdale Garden	71.3	71.9	71.5	0	0	0	14.9	0	0	14.9	71.5	70	Y	-0.4	N	N	0.0	N	N
R6181	16	60.5	Sunningdale Garden	71.1	71.8	71.3	0	0	0	15.3	0	0	15.3	71.3	70	Y	-0.5	N	N	0.0	N	N
R6181	17	63.5	Sunningdale Garden	71	71.6	71.2	0	0	0	15.6	0	0	15.6	71.2	70	Y	-0.4	N	N	0.0	N	N
R6181	18	66.5	Sunningdale Garden	70.8	71.4	71	0	0	0	15.9	0	0	15.9	71	70	Y	-0.4	N	N	0.0	N	N
R6181	19	69.5	Sunningdale Garden	70.7	71.3	70.9	0	0	0	16.1	0	0	16.1	70.9	70	Y	-0.4	N	N	0.0	N	N
R6181	20	72.5	Sunningdale Garden	70.5	71.2	70.8	0	0	0	16.3	0	0	16.3	70.8	70	Y	-0.4	N	N	0.0	N	N
R6181	21	75.5	Sunningdale Garden	70.4	71.1	70.6	0	0	0	16.4	0	0	16.4	70.6	70	Y	-0.5	N	N	0.0	N	N
R6181	22	78.5	Sunningdale Garden	70.3	70.9	70.5	0	0	0	16.6	0	0	16.6	70.5	70	Y	-0.4	N	N	0.0	N	N
R6181	23	81.5	Sunningdale Garden	70.2	70.8	70.4	0	0	0	16.6	0	0	16.6	70.4	70	N	-0.4	N	N	0.0	N	N
R6181	24	84.5	Sunningdale Garden	70	70.7	70.2	0	0	0	16.7	0	0	16.7	70.2	70	N	-0.5	N	N	0.0	N	N
R6182	1	15.5	Sunningdale Garden	75.7	76.4	75.9	0	0	0	7.2	0	0	7.2	75.9	70	Y	-0.5	N	N	0.0	N	N
R6182	2	18.5	Sunningdale Garden	75.6	76.3	75.8	0	0	0	7.8	0	0	7.8	75.8	70	Y	-0.5	N	N	0.0	N	N
R6182	3	21.5	Sunningdale Garden	75.4	76.1	75.6	0	0	0	8.5	0	0	8.5	75.6	70	Y	-0.5	N	N	0.0	N	N
R6182	4	24.5	Sunningdale Garden	75.3	75.9	75.4	0	0	0	9.2	0	0	9.2	75.4	70	Y	-0.5	N	N	0.0	N	N
R6182	5	27.5	Sunningdale Garden	75	75.7	75.2	0	0	0	10	0	0	10	75.2	70	Y	-0.5	N	N	0.0	N	N
R6182	6	30.5	Sunningdale Garden	74.8	75.5	75	0	0	0	10.8	0	0	10.8	75	70	Y	-0.5	N	N	0.0	N	N
R6182	7	33.5	Sunningdale Garden	74.6	75.3	74.8	0	0	0	11.3	0	0	11.3	74.8	70	Y	-0.5	N	N	0.0	N	N
R6182	8	36.5	Sunningdale Garden	74.4	75	74.5	0	0	0	11.8	0	0	11.8	74.5	70	Y	-0.5	N	N	0.0	N	N
R6182	9	39.5	Sunningdale Garden	74.2	74.8	74.3	0	0	0	12.7	0	0	12.7	74.3	70	Y	-0.5	N	N	0.0	N	N
R6182	10	42.5	Sunningdale Garden	73.9	74.6	74.1	0	0	0	12.9	0	0	12.9	74.1	70	Y	-0.5	N	N	0.0	N	N
R6182	11	45.5	Sunningdale Garden	73.7	74.4	73.9	0	0	0	13.2	0	0	13.2	73.9	70	Y	-0.5	N	N	0.0	N	N
R6182	12	48.5	Sunningdale Garden	73.5	74.2	73.7	0	0	0	13.7	0	0	13.7	73.7	70	Y	-0.5	N	N	0.0	N	N
R6182	13	51.5	Sunningdale Garden	73.3	74	73.5	0	0	0	14.4	0	0	14.4	73.5	70	Y	-0.5	N	N	0.0	N	N
R6182	14	54.5	Sunningdale Garden	73.1	73.8	73.3	0	0	0	15	0	0	15	73.3	70	Y	-0.5	N	N	0.0	N	N
R6182	15	57.5	Sunningdale Garden	72.9	73.6	73.1	0	0	0	15.4	0	0	15.4	73.1	70	Y	-0.5	N	N	0.0	N	N
R6182	16	60.5	Sunningdale Garden	72.7	73.4	72.9	0	0	0	15.7	0	0	15.7	72.9	70	Y	-0.5	N	N	0.0	N	N
R6182	17	63.5	Sunningdale Garden	72.5	73.2	72.7	0	0	0	16.1	0	0	16.1	72.7	70	Y	-0.5	N	N	0.0	N	N
R6182	18	66.5	Sunningdale Garden	72.4	73	72.6	0	0	0	16.3	0	0	16.3	72.6	70	Y	-0.4	N	N	0.0	N	N
R6182	19	69.5	Sunningdale Garden	72.2	72.9	72.4	0	0	0	16.4	0	0	16.4	72.4	70	Y	-0.5	N	N	0.0	N	N
R6182	20	72.5	Sunningdale Garden	72.1	72.7	72.2	0	0	0	16.6	0	0	16.6	72.2	70	Y	-0.5	N	N	0.0	N	N
R6182	21	75.5	Sunningdale Garden	71.9	72.6	72.1	0	0	0	16.8	0	0	16.8	72.1	70	Y	-0.5	N	N	0.0	N	N
R6182	22	78.5	Sunningdale Garden	71.8	72.4	71.9	0	0	0	16.9	0	0	16.9	71.9	70	Y	-0.5	N	N	0.0	N	N
R6182	23	81.5	Sunningdale Garden	71.6	72.3	71.8	0	0	0	16.9	0	0	16.9	71.8	70	Y	-0.5	N	N	0.0	N	N
R6182	24	84.5	Sunningdale Garden	71.5	72.2	71.7	0	0	0	17	0	0	17	71.7	70	Y	-0.5	N	N	0.0	N	N
R6183	1	15.5	Sunningdale Garden	75.7	76.4	75.9	0	0	0	11.4	0	0	11.4	75.9	70	Y	-0.5	N	N	0.0	N	N
R6183	2	18.5	Sunningdale Garden	75.6	76.3	75.8	0	0	0	12.2	0	0	12.2	75.8	70	Y	-0.5	N	N	0.0	N	N
R6183	3	21.5	Sunningdale Garden	75.4	76.1	75.6	0	0	0	13.3	0	0	13.3	75.6	70	Y	-0.5	N	N	0.0	N	N
R6183	4	24.5	Sunningdale Garden	75.2	75.9	75.4	0	0	0	14.6	0	0	14.6	75.4	70	Y	-0.5	N	N	0.0	N	N
R6183	5	27.5	Sunningdale Garden	75	75.7	75.2	0	0	0	16.5	0	0	16.5	75.2	70	Y	-0.5	N	N	0.0	N	N
R6183	6	30.5	Sunningdale Garden	74.8	75.5	75	0	0	0	18.5	0	0	18.5	75	70	Y	-0.5	N	N	0.0	N	N
R6183	7	33.5	Sunningdale Garden	74.6	75.3	74.7	0	0	0	20	0	0	20	74.7	70	Y	-0.6	N	N	0.0	N	N
R6183	8	36.5	Sunningdale Garden	74.3	75	74.5	0	0	0	20.7	0	0	20.7	74.5	70	Y	-0.5	N	N	0.0	N	N
R6183	9	39.5	Sunningdale Garden	74.1	74.8	74.3	0	0	0	21.1	0	0	21.1	74.3	70	Y	-0.5	N	N	0.0	N	N
R6183	10	42.5	Sunningdale Garden	73.9	74.6	74.1	0	0	0	21.2	0	0	21.2	74.1	70	Y	-0.5	N	N	0.0	N	N
R6183	11	45.5	Sunningdale Garden	73.7	74.4	73.9	0	0	0	21.4	0	0	21.4	73.9	70	Y	-0.5	N	N	0.0	N	N
R6183	12	48.5	Sunningdale Garden	73.5	74.2	73.7	0	0	0	21.6	0	0	21.6	73.7	70	Y	-0.5	N	N	0.0	N	N
R6183	13	51.5	Sunningdale Garden	73.3	73.9	73.4	0	0	0	21.7	0	0	21.7	73.4	70	Y	-0.5	N	N	0.0	N	N
R6183	14	54.5	Sunningdale Garden	73.1	73.8	73.3	0	0	0	21.9	0	0	21.9	73.3	70	Y	-0.5	N	N	0.0	N	N
R6183	15	57.5	Sunningdale Garden	72.9	73.5	73	0	0	0	21.9	0	0	21.9	73	70	Y	-0.5	N	N	0.0	N	N
R6183	16	60.5	Sunningdale Garden	72.7	73.4	72.9	0	0	0	22	0	0	22	72.9	70	Y	-0.5	N	N	0.0	N	N
R6183	17	63.5	Sunningdale Garden	72.5	73.2	72.7	0	0	0	22.1	0	0	22.1	72.7	70	Y	-0.5	N	N	0.0	N	N
R6183	18	66.5	Sunningdale Garden	72.3	73	72.5	0	0	0	22.2	0	0	22.2	72.5	70	Y	-0.5	N	N	0.0	N	N
R6183	19	69.5	Sunningdale Garden	72.2	72.9	72.4	0	0	0	22.2	0	0	22.2	72.4	70	Y	-0.5	N	N	0.0	N	N
R6183	20	72.5	Sunningdale Garden	72	72.7	72.2	0	0	0	22.3	0	0	22.3	72.2	70	Y	-0.5	N	N	0.0	N	N
R6183	21	75.5	Sunningdale Garden	71.9	72.6	72.1	0	0	0	22.3	0	0	22.3	72.1	70	Y	-0.5	N	N	0.0	N	N
R6183	22	78.5	Sunningdale Garden	71.8	72.4	71.9	0	0	0	22.3	0	0	22.3	71.9	70	Y	-0.5	N	N	0.0	N	N
R6183	23	81.5	Sunningdale Garden	71.6	72.3	71.8	0	0	0	22.4	0	0	22.4	71.8	70	Y	-0.5	N	N	0.0	N	N
R6183	24	84.5	Sunningdale Garden	71.5	72.2	71.7	0	0	0	22.4	0	0	22.4	71.7	70	Y	-0.5	N	N	0.0	N	N
R6184	1	15.5	Sunningdale Garden	72.9	73.6	73.1	0	0	0	11.3	0	0	11.3	73.1	70	Y	-0.5	N	N	0.0	N	N
R6184	2	18.5	Sunningdale Garden	72.8	73.6	73	0	0	0	12.1	0	0	12.1	73	70	Y	-0.6	N	N	0.0	N	N
R6184	3	21.5	Sunningdale Garden	72.8	73.5	72.9	0	0	0	13.1	0	0	13.1	72.9	70	Y	-0.6	N	N	0.0	N	N
R6184	4	24.5	Sunningdale Garden	72.6	73.3	72.8	0	0	0	14.3	0	0	14.3	72.8	70	Y	-0.5	N	N	0.0	N	N
R6184	5	27.5	Sunningdale Garden	72.5	73.2	72.7	0	0	0	16.2	0	0	16.2	72.7	70	Y	-0.5	N	N	0.0	N	N
R6184	6	30.5	Sunningdale Garden	72.4	73.1	72.5	0	0	0	17.9	0	0	17.9	72.5	70	Y	-0.6	N	N	0.0	N	N
R6184	7	33.5	Sunningdale Garden	72.2	72.9	72.3	0	0	0	19.4	0	0	19.4	72.3	70	Y	-0.6	N	N	0.0	N	N
R6184	8	36.5	Sunningdale Garden	72.1	72.8	72.2	0	0	0	20.4	0	0	20.4	72.2	70	Y	-0.6	N	N	0.0	N	N
R6184	9	39.5	Sunningdale Garden	71.9	72.6	72	0	0	0	21	0	0	21	72	70	Y	-0.6	N	N	0.0	N	N
R6184	10	42.5	Sunningdale Garden	71.7	72.4	71.8	0	0	0	21.3	0	0	21.3	71.8	70	Y	-0.6	N	N	0.0	N	N
R6184	11	45.5	Sunningdale Garden	71.5	72.2	71.6	0	0	0	21.4	0	0	21.4	71.6	70	Y	-0.6	N	N	0.0	N	N
R6184	12	48.5	Sunningdale Garden	71.3	72	71.4	0	0	0	21.7	0	0	21.7	71.4	70	Y	-0.6	N	N	0.0	N	N
R6184	13	51.5	Sunningdale Garden	71.2	71.9	71.3	0	0	0	21.8	0	0	21.8	71.3	70	Y	-0.6	N	N	0.0	N	N
R6184	14	54.5	Sunningdale Garden	71	71.7	71.1	0	0	0	22	0	0	22	71.1	70	Y	-0.6	N	N	0.0	N	N
R6184	15	57.5	Sunningdale Garden	70.8	71.5	70.9	0	0	0	22	0	0	22	70.9	70	Y	-0.6	N	N	0.0	N	N
R6184	16	60.5	Sunningdale Garden	70.7	71.4	70.8	0	0	0	22.2	0	0	22.2	70.8	70	Y	-0.6	N	N	0.0	N	N
R6184	17	63.5	Sunningdale Garden	70.5	71.2	70.6	0	0	0	22.3	0	0	22.3	70.6	70	Y	-0.6	N	N	0.0	N	N
R6184	18	66.5	Sunningdale Garden	70.4	71.1	70.5	0	0	0	22.3	0	0	22.3	70.5	70	Y	-0.6	N	N	0.0	N	N
R6184	19	69.5	Sunningdale Garden	70.2	70.9	70.3	0	0	0	22.4	0	0	22.4	70.3	70	N	-0.6	N	N	0.0	N	N
R6184	20	72.5	Sunningdale Garden	70.1	70.8	70.2	0	0	0	22.4	0	0	22.4	70.2	70	N	-0.6	N	N	0.0	N	N
R6184	21	75.5	Sunningdale Garden	70	70.6	70	0	0	0	22.5	0	0	22.5	70	70	N	-0.6	N	N	0.0	N	N
R6184	22	78.5	Sunningdale Garden	69.9	70.5	69.9	0	0	0	22.5	0	0	22.5	69.9	70	N	-0.6	N	N	0.0	N	N
R6184	23	81.5	Sunningdale Garden	69.7	70.4	69.8	0	0	0	22.5	0	0	22.5	69.8	70	N	-0.6	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT															
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS						NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR						C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)						dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R6184	24	84.5	Sunningdale Garden	69.6	70.3	69.7	0	0	0	22.6	0	0		22.6	69.7	70	N	-0.6	N	N	0.0	N	N
R6201	1	9.8	Yuk Yin Public School	72.5	73.2	72.7	0	26.6	0	18.3	0	0		27.2	72.7	65	Y	-0.5	N	N	0.0	N	N
R6201	2	13.8	Yuk Yin Public School	72.5	73.3	72.7	0	28.7	0	18.3	0	0		29.1	72.7	65	Y	-0.6	N	N	0.0	N	N
R6202	1	9.8	Yuk Yin Public School	76.7	77.4	76.9	0	18.9	0	18.5	0	0		21.7	76.9	65	Y	-0.5	N	N	0.0	N	N
R6202	2	13.8	Yuk Yin Public School	76.6	77.3	76.8	0	18.9	0	18.5	0	0		21.7	76.8	65	Y	-0.5	N	N	0.0	N	N
R6221	1	15.0	Yuk Po Court Tsun Wu House	70.4	70.4	70.5	0	0	0	0	0	0		0	70.5	70	Y	0.1	N	N	0.0	N	N
R6221	2	17.7	Yuk Po Court Tsun Wu House	70.5	70.5	70.7	0	0	0	0	0	0		0	70.7	70	Y	0.2	N	N	0.0	N	N
R6221	3	20.4	Yuk Po Court Tsun Wu House	70.7	70.7	70.9	0	0	0	0	0	0		0	70.9	70	Y	0.2	N	N	0.0	N	N
R6221	4	23.1	Yuk Po Court Tsun Wu House	70.9	71	71.2	0	0	0	0	0	0		0	71.2	70	Y	0.2	N	N	0.0	N	N
R6221	5	25.8	Yuk Po Court Tsun Wu House	71.2	71.3	71.5	0	0	0	0	0	0		0	71.5	70	Y	0.2	N	N	0.0	N	N
R6221	6	28.5	Yuk Po Court Tsun Wu House	71.5	71.7	71.8	0	0	0	0	0	0		0	71.8	70	Y	0.1	N	N	0.0	N	N
R6221	7	31.2	Yuk Po Court Tsun Wu House	72	72.3	72.3	0	0	0	0	0	0		0	72.3	70	Y	0.0	N	N	0.0	N	N
R6221	8	33.9	Yuk Po Court Tsun Wu House	72.5	72.8	72.8	0	0	0	0	0	0		0	72.8	70	Y	0.0	N	N	0.0	N	N
R6221	9	36.6	Yuk Po Court Tsun Wu House	73.1	73.5	73.5	0	0	0	0	0	0		0	73.5	70	Y	0.0	N	N	0.0	N	N
R6221	10	39.3	Yuk Po Court Tsun Wu House	73.9	74.3	74.3	0	0	0	0	0	0		0	74.3	70	Y	0.0	N	N	0.0	N	N
R6221	11	42.0	Yuk Po Court Tsun Wu House	74.6	75.1	75.2	0	0	0	0	0	0		0	75.2	70	Y	0.1	N	N	0.0	N	N
R6221	12	44.7	Yuk Po Court Tsun Wu House	75.2	75.7	75.9	0	0	0	0	0	0		0	75.9	70	Y	0.2	N	N	0.0	N	N
R6221	13	47.4	Yuk Po Court Tsun Wu House	75.7	76.3	76.6	0	0	0	0	0	0		0	76.6	70	Y	0.3	N	N	0.0	N	N
R6221	14	50.1	Yuk Po Court Tsun Wu House	76.2	76.8	77.1	0	0	0	0	0	0		0	77.1	70	Y	0.3	N	N	0.0	N	N
R6221	15	52.8	Yuk Po Court Tsun Wu House	76.5	77.1	77.5	0	0	0	0	0	0		0	77.5	70	Y	0.4	N	N	0.0	N	N
R6221	16	55.5	Yuk Po Court Tsun Wu House	76.7	77.3	77.8	0	0	0	0	0	0		0	77.8	70	Y	0.5	N	N	0.0	N	N
R6221	17	58.2	Yuk Po Court Tsun Wu House	76.8	77.4	77.9	0	0	0	0	0	0		0	77.9	70	Y	0.5	N	N	0.0	N	N
R6221	18	60.9	Yuk Po Court Tsun Wu House	77	77.6	78.1	0	0	0	0	0	0		0	78.1	70	Y	0.5	N	N	0.0	N	N
R6221	19	63.6	Yuk Po Court Tsun Wu House	77.2	77.8	78.4	0	0	0	0	0	0		0	78.4	70	Y	0.6	N	N	0.0	N	N
R6221	20	66.3	Yuk Po Court Tsun Wu House	77.4	77.9	78.4	0	0	0	0	0	0		0	78.4	70	Y	0.5	N	N	0.0	N	N
R6221	21	69.0	Yuk Po Court Tsun Wu House	77.4	78	78.5	0	0	0	0	0	0		0	78.5	70	Y	0.5	N	N	0.0	N	N
R6221	22	71.7	Yuk Po Court Tsun Wu House	77.5	78	78.7	0	0	0	0	0	0		0	78.7	70	Y	0.7	N	N	0.0	N	N
R6221	23	74.4	Yuk Po Court Tsun Wu House	77.6	78.2	78.9	0	0	0	0	0	0		0	78.9	70	Y	0.7	N	N	0.0	N	N
R6221	24	77.1	Yuk Po Court Tsun Wu House	77.8	78.3	79	0	0	0	0	0	0		0	79	70	Y	0.7	N	N	0.0	N	N
R6221	25	79.8	Yuk Po Court Tsun Wu House	77.9	78.4	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.7	N	N	0.0	N	N
R6221	26	82.5	Yuk Po Court Tsun Wu House	78	78.5	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.6	N	N	0.0	N	N
R6221	27	85.2	Yuk Po Court Tsun Wu House	78	78.5	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.6	N	N	0.0	N	N
R6221	28	87.9	Yuk Po Court Tsun Wu House	78	78.5	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.6	N	N	0.0	N	N
R6221	29	90.6	Yuk Po Court Tsun Wu House	78	78.5	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.6	N	N	0.0	N	N
R6221	30	93.3	Yuk Po Court Tsun Wu House	78	78.5	79.1	0	0	0	0	0	0		0	79.1	70	Y	0.6	N	N	0.0	N	N
R6222	1	15.0	Yuk Po Court Tsun Wu House	77.2	77	77.1	0	35.8	0	0	33.6	0		37.9	77.1	70	Y	0.1	N	N	0.0	N	N
R6222	2	17.7	Yuk Po Court Tsun Wu House	77.1	77	77.1	0	36.2	0	0	33.6	0		38.1	77.1	70	Y	0.1	N	N	0.0	N	N
R6222	3	20.4	Yuk Po Court Tsun Wu House	77	76.9	77	0	36.6	0	0	33.7	0		38.4	77	70	Y	0.1	N	N	0.0	N	N
R6222	4	23.1	Yuk Po Court Tsun Wu House	76.8	76.7	76.8	0	37	0	0	33.8	0		38.7	76.8	70	Y	0.1	N	N	0.0	N	N
R6222	5	25.8	Yuk Po Court Tsun Wu House	76.7	76.6	76.7	0	37.4	0	0	34	0		39	76.7	70	Y	0.1	N	N	0.0	N	N
R6222	6	28.5	Yuk Po Court Tsun Wu House	76.5	76.4	76.5	0	37.9	0	0	34.1	0		39.4	76.5	70	Y	0.1	N	N	0.0	N	N
R6222	7	31.2	Yuk Po Court Tsun Wu House	76.4	76.4	76.4	0	38.4	0	0	34.3	0		39.8	76.4	70	Y	0.0	N	N	0.0	N	N
R6222	8	33.9	Yuk Po Court Tsun Wu House	76.3	76.3	76.4	0	38.9	0	0	34.3	0		40.2	76.4	70	Y	0.1	N	N	0.0	N	N
R6222	9	36.6	Yuk Po Court Tsun Wu House	76.3	76.3	76.3	0	39.4	0	0	34.5	0		40.6	76.3	70	Y	0.0	N	N	0.0	N	N
R6222	10	39.3	Yuk Po Court Tsun Wu House	76.3	76.4	76.4	0	40	0	0	34.7	0		41.1	76.4	70	Y	0.0	N	N	0.0	N	N
R6222	11	42.0	Yuk Po Court Tsun Wu House	76.3	76.4	76.4	0	40.4	0	0	34.9	0		41.5	76.4	70	Y	0.0	N	N	0.0	N	N
R6222	12	44.7	Yuk Po Court Tsun Wu House	76.4	76.5	76.5	0	41.1	0	0	35.1	0		42.1	76.5	70	Y	0.0	N	N	0.0	N	N
R6222	13	47.4	Yuk Po Court Tsun Wu House	76.4	76.6	76.7	0	41.6	0	0	35.3	0		42.5	76.7	70	Y	0.1	N	N	0.0	N	N
R6222	14	50.1	Yuk Po Court Tsun Wu House	76.5	76.7	76.8	0	42.1	0	0	35.5	0		43	76.8	70	Y	0.1	N	N	0.0	N	N
R6222	15	52.8	Yuk Po Court Tsun Wu House	76.5	76.7	76.9	0	42.4	0	0	35.6	0		43.3	76.9	70	Y	0.2	N	N	0.0	N	N
R6222	16	55.5	Yuk Po Court Tsun Wu House	76.5	76.8	77	0	43	0	0	35.9	0		43.8	77	70	Y	0.2	N	N	0.0	N	N
R6222	17	58.2	Yuk Po Court Tsun Wu House	76.4	76.7	77	0	43.6	0	0	36.1	0		44.3	77	70	Y	0.3	N	N	0.0	N	N
R6222	18	60.9	Yuk Po Court Tsun Wu House	76.4	76.7	77.1	0	44.1	0	0	36.3	0		44.8	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	19	63.6	Yuk Po Court Tsun Wu House	76.4	76.7	77.1	0	44.5	0	0	36.5	0		45.2	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	20	66.3	Yuk Po Court Tsun Wu House	76.4	76.7	77.1	0	45	0	0	36.8	0		45.6	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	21	69.0	Yuk Po Court Tsun Wu House	76.4	76.7	77.1	0	45.3	0	0	37	0		45.9	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	22	71.7	Yuk Po Court Tsun Wu House	76.3	76.7	77.1	0	45.5	0	0	37.2	0		46.1	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	23	74.4	Yuk Po Court Tsun Wu House	76.4	76.7	77.1	0	45.7	0	0	37.6	0		46.3	77.1	70	Y	0.4	N	N	0.0	N	N
R6222	24	77.1	Yuk Po Court Tsun Wu House	76.4	76.7	77.2	0	46	0	0	37.7	0		46.6	77.2	70	Y	0.5	N	N	0.0	N	N
R6222	25	79.8	Yuk Po Court Tsun Wu House	76.4	76.7	77.2	0	46.1	0	0	38	0		46.7	77.2	70	Y	0.5	N	N	0.0	N	N
R6222	26	82.5	Yuk Po Court Tsun Wu House	76.3	76.7	77.2	0	46.2	0	0	38.3	0		46.9	77.2	70	Y	0.5	N	N	0.0	N	N
R6222	27	85.2	Yuk Po Court Tsun Wu House	76.3	76.6	77.2	0	46.4	0	0	38.7	0		47.1	77.2	70	Y	0.6	N	N	0.0	N	N
R6222	28	87.9	Yuk Po Court Tsun Wu House	76.3	76.7	77.2	0	46.5	0	0	39.1	0		47.3	77.2	70	Y	0.5	N	N	0.0	N	N
R6222	29	90.6	Yuk Po Court Tsun Wu House	76.4	76.7	77.3	0	46.6	0	0	39.6	0		47.4	77.3	70	Y	0.6	N	N	0.0	N	N
R6222	30	93.3	Yuk Po Court Tsun Wu House	76.4	76.8	77.3	0	46.8	0	0	40.2	0		47.6	77.3	70	Y	0.5	N	N	0.0	N	N
R6223	1	15.0	Yuk Po Court Tsun Wu House	74.3	74.2	74.3	0	34.9	0	0	41.1	0		42	74.3	70	Y	0.1	N	N	0.0	N	N
R6223	2	17.7	Yuk Po Court Tsun Wu House	74.3	74.1	74.2	0	35.3	0	0	41.4	0		42.4	74.2	70	Y	0.1	N	N	0.0	N	N
R6223	3	20.4	Yuk Po Court Tsun Wu House	74.2	74	74.2	0	35.6	0	0	41.9	0		42.8	74.2	70	Y	0.2	N	N	0.0	N	N
R6223	4	23.1	Yuk Po Court Tsun Wu House	74.1	74	74.1	0	36.1	0	0	42.3	0		43.3	74.1	70	Y	0.1	N	N	0.0	N	N
R6223	5	25.8	Yuk Po Court Tsun Wu House	74	73.8	73.9	0	36.4	0	0	42.9	0		43.8	73.9	70	Y	0.1	N	N	0.0	N	N
R6223	6	28.5	Yuk Po Court Tsun Wu House	73.8	73.7	73.8	0	36.9	0	0	43.4	0		44.3	73.8	70	Y	0.1	N	N	0.0	N	N
R6223	7	31.2	Yuk Po Court Tsun Wu House	73.7	73.5	73.6	0	37.3	0	0	44	0		44.8	73.6	70	Y	0.1	N	N	0.0	N	N
R6223	8	33.9	Yuk Po Court Tsun Wu House	73.5	73.4	73.5	0	37.9	0	0	44.6	0		45.4	73.5	70	Y	0.1	N	N	0.0	N	N
R6223	9	36.6	Yuk Po Court Tsun Wu House	73.4	73.3	73.3	0	38.4	0	0	45.3	0		46.1	73.3	70	Y	0.0	N	N	0.0	N	N
R6223	10	39.3	Yuk Po Court Tsun Wu House	73.2	73.1	73.2	0	39	0	0	46.2	0		46.9	73.2	70	Y	0.1	N	N	0.0	N	N
R6223	11	42.0	Yuk Po Court Tsun Wu House	73.1	73	73.1	0	39.3	0	0	47.6	0		48.2	73.1	70	Y	0.1	N	N	0.0	N	N
R6223	12	44.7	Yuk Po Court Tsun Wu House	72.9	72.8	72.9	0	40	0	0	47.7	0		48.4	72.9	70	Y	0.1	N	N	0.0	N	N
R6223	13	47.4	Yuk Po Court Tsun Wu House	72.8	72.7	72.8	0	40.6	0	0	48.6	0		49.2	72.8	70	Y	0.1	N	N	0.0	N	N
R6223	14	50.1	Yuk Po Court Tsun Wu House	72.6	72.5	72.6	0	41	0	0	49.6	0		50.1	72.6	70	Y	0.1	N	N	0.0	N	N
R6223	15	52.8	Yuk Po Court Tsun Wu House	72.5	72.4	72.4	0	41.5	0	0	50.3	0		50.8	72.5	70	Y	0.1	N	N	0.1	N	N
R6223	16	55.5	Yuk Po Court Tsun Wu House	72.4	72.3	72.4	0	41.9	0	0	50.7	0		51.2	72.4	70	Y	0.1	N	N	0.0	N	N
R6223	17	58.2	Yuk Po Court Tsun Wu House	72.2	72.1	72.2	0	42.4	0	0	51	0		51.6	72.3	70	Y	0.2	N	N	0.1	N	N
R6223	18	60.9	Yuk Po Court Tsun Wu House	72.1	72	72.1	0	43	0	0	51.2	0		51.8	72.1	70	Y	0.1	N	N	0.0	N	N
R6223	19	63.6	Yuk Po Court Tsun Wu House	72	71.9	72	0	43.4	0	0	51.3	0		52	72	70	Y	0.1	N	N	0.0	N	N
R6223	20	66.3	Yuk Po Court Tsun Wu House	71.8	71.8	71.8	0	43.8	0	0	51.5	0		52.2	71.9	70	Y	0.1	N	N	0.1	N	N
R6223	21	69.0	Yuk Po Court Tsun Wu House	71.8	71.7	71.8	0	44.1	0	0	51.6	0		52.4	71.8	70	Y	0.1	N	N	0.0	N	N
R6223	22	71.7	Yuk Po Court Tsun Wu House	71.6	71.6	71.6	0	44.4	0	0	51.7	0		52.4	71.7	70	Y	0.1	N	N	0.1	N	N
R6223	23	74.4	Yuk Po Court Tsun Wu House	71.5	71.5	71.5	0	44.6	0	0	51.7	0		52.5	71.6	70	Y	0.1	N	N	0.1	N	N
R6223	24	77.1	Yuk Po Court Tsun Wu House	71.4	71.4	71.5	0	44.8	0	0	51.8	0		52.6	71.5	70	Y	0.1	N	N	0.0	N	N
R6223	25	79.8	Yuk Po Court Tsun Wu House	71.3	71.3	71.3	0	45	0	0	51.7	0		52.6	71.4	70	Y	0.1	N	N	0.1	N	N
R6223	26	82.5	Yuk Po Court Tsun Wu House	71.2	71.2	71.3	0	45.2	0	0	51.9	0		52.7	71.3	70	Y	0.1	N	N	0.0	N	N
R6223	27	85.2	Yuk Po Court Tsun Wu House	71.1	71.1	71.1	0	45.4	0	0	51.8	0		52.7	71.2	70	Y	0.1	N	N	0.1	N	N
R6223	28	87.9	Yuk Po Court Tsun Wu House	71.1	71	71.1	0	45.5	0	0	51.8	0		52.7	71.2	70	Y	0.2	N	N	0.1	N	N
R6223	29	90.6	Yuk Po Court Tsun Wu House	71	71	71.1	0	45.6	0	0	51.9	0		52.8	71.1	70	Y	0.1	N	N	0.0	N	N
R6223	30	93.3	Yuk Po Court Tsun Wu House	70.9	70.9	71	0	45.7	0	0	51.8	0		52.8	71	70	Y	0.1	N	N	0.0	N	N
R6224	1	15.0	Yuk Po Court Tsun Wu House	78.5	78.4	78.5	0	42.2	0	0	44.9	0		46.8	78.5	70	Y	0.1	N	N	0.0	N	N
R6224	2	17.7	Yuk Po Court Tsun Wu House	78.2	78	78.2	0	42.5	0	0	45.3	0		47.1	78.2	70	Y	0.2	N	N	0.0	N	N
R6224	3	20.4	Yuk Po Court Tsun Wu House	77.9	77.7	77.9	0	42.9	0	0	45.7	0		47.5	77.9	70	Y	0.2	N	N	0.0	N	N
R6224	4	23.1	Yuk Po Court Tsun Wu House	77.5	77.4	77.5	0	43.3	0	0	46.1	0		47.9	77.5	70	Y	0.1	N	N	0.0	N	N
R6224	5	25.8	Yuk Po Court Tsun Wu House	77.1	77	77.1	0	43.7	0	0	46.5	0		48.3	77.1	70	Y	0.1	N	N	0.0	N	N
R6224	6	28.5	Yuk Po Court Tsun Wu House	76.7	76.6	76.7	0	44.4	0	0	46.9	0		48.9	76.7	70	Y	0.1	N	N	0.0	N	N
R6224	7	31.2	Yuk Po Court Tsun Wu House	76.4	76.3	76.4	0	44.9	0	0	47.3	0		49.3	76.5	70	Y	0.2	N	N	0.1	N	N
R6224	8	33.9	Yuk Po Court Tsun Wu House	76.1	76	76.1	0	45.5	0	0	47.8	0		49.8	76.1	70	Y	0.1	N	N	0.0	N	N
R6224	9	36.6	Yuk Po Court Tsun Wu House	75.8	75.7	75.8	0	46.1	0	0	48.2	0		50.3	75.9	70	Y	0.2	N	N	0.1	N	N
R6224	10	39.3	Yuk Po Court Tsun Wu House	75.6	75.5	75.6	0	46.8	0	0	48.7	0		50.9	75.6	70	Y	0.1	N	N	0.0	N	N
R6224	11	42.0	Yuk Po Court Tsun Wu House	75.4	75.3	75.4	0	47.3	0	0	49.1	0		51.3	75.4	70	Y	0.1	N	N	0.0	N	N
R6224	12	44.7	Yuk Po Court Tsun Wu House	75.1	75.1	75.2	0	47.5	0	0	49.6	0		51.7	75.2	70	Y	0.1	N	N	0.0	N	N
R6224	13	47.4	Yuk Po Court Tsun Wu House	75	75	75	0	47.8	0	0	50.1	0		52.1	75.1	70	Y	0.1	N	N	0.1	N	N
R6224	14	50.1	Yuk Po Court Tsun Wu House	74.8	74.8	74.8	0	48	0	0	50.7	0		52.6	74.9	70	Y	0.1	N	N	0.1	N	N
R6224	15	52.8	Yuk Po Court Tsun Wu House	74.6	74.6	74.7	0	48.1	0	0	51.1	0		52.8	74.7	70	Y	0.1	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT										Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044		Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
								PD	DD	OTHER	EX	TR											
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]		dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R6224	16	55.5	Yuk Po Court Tsun Wu House	74.5	74.5	74.6	0	48.2	0	0	51.7	0	53.3	74.6		70	Y	0.1	N	N	0.0	N	N
R6224	17	58.2	Yuk Po Court Tsun Wu House	74.4	74.4	74.4	0	48.2	0	0	51.9	0	53.4	74.4		70	Y	0.0	N	N	0.0	N	N
R6224	18	60.9	Yuk Po Court Tsun Wu House	74.3	74.3	74.3	0	48.3	0	0	52.3	0	53.7	74.3		70	Y	0.0	N	N	0.0	N	N
R6224	19	63.6	Yuk Po Court Tsun Wu House	74.2	74.3	74.3	0	48.3	0	0	52.8	0	54.1	74.3		70	Y	0.0	N	N	0.0	N	N
R6224	20	66.3	Yuk Po Court Tsun Wu House	74.1	74.2	74.2	0	48.3	0	0	53.3	0	54.5	74.2		70	Y	0.0	N	N	0.0	N	N
R6224	21	69.0	Yuk Po Court Tsun Wu House	74.1	74.2	74.1	0	48.3	0	0	53.8	0	54.9	74.2		70	Y	0.0	N	N	0.1	N	N
R6224	22	71.7	Yuk Po Court Tsun Wu House	74	74.1	74.1	0	48.3	0	0	54.1	0	55.1	74.1		70	Y	0.0	N	N	0.0	N	N
R6224	23	74.4	Yuk Po Court Tsun Wu House	74	74.1	74.1	0	48.3	0	0	54.4	0	55.3	74.1		70	Y	0.0	N	N	0.0	N	N
R6224	24	77.1	Yuk Po Court Tsun Wu House	73.9	74.1	74.1	0	48.4	0	0	54.6	0	55.6	74.2		70	Y	0.1	N	N	0.1	N	N
R6224	25	79.8	Yuk Po Court Tsun Wu House	73.9	74	74.1	0	48.3	0	0	54.9	0	55.7	74.1		70	Y	0.1	N	N	0.0	N	N
R6224	26	82.5	Yuk Po Court Tsun Wu House	73.8	73.9	74	0	48.3	0	0	55	0	55.9	74.1		70	Y	0.2	N	N	0.1	N	N
R6224	27	85.2	Yuk Po Court Tsun Wu House	73.7	73.9	74	0	48.3	0	0	55.2	0	56	74.1		70	Y	0.2	N	N	0.1	N	N
R6224	28	87.9	Yuk Po Court Tsun Wu House	73.7	73.9	74	0	48.3	0	0	55.4	0	56.1	74		70	Y	0.1	N	N	0.0	N	N
R6224	29	90.6	Yuk Po Court Tsun Wu House	73.6	73.8	74	0	48.2	0	0	55.5	0	56.2	74.1		70	Y	0.3	N	N	0.1	N	N
R6224	30	93.3	Yuk Po Court Tsun Wu House	73.6	73.8	73.9	0	48.3	0	0	55.5	0	56.3	74		70	Y	0.2	N	N	0.1	N	N
R6225	1	15.0	Yuk Po Court Tsun Wu House	73.8	73.7	73.8	0	43	0	0	44.7	0	47	73.8		70	Y	0.1	N	N	0.0	N	N
R6225	2	17.7	Yuk Po Court Tsun Wu House	73.4	73.3	73.4	0	43.2	0	0	45.1	0	47.2	73.4		70	Y	0.1	N	N	0.0	N	N
R6225	3	20.4	Yuk Po Court Tsun Wu House	73.1	72.9	73.1	0	43.6	0	0	45.3	0	47.6	73.1		70	Y	0.2	N	N	0.0	N	N
R6225	4	23.1	Yuk Po Court Tsun Wu House	72.7	72.5	72.6	0	43.8	0	0	45.6	0	47.8	72.7		70	Y	0.2	N	N	0.1	N	N
R6225	5	25.8	Yuk Po Court Tsun Wu House	72.3	72.1	72.2	0	44.1	0	0	46	0	48.2	72.3		70	Y	0.2	N	N	0.1	N	N
R6225	6	28.5	Yuk Po Court Tsun Wu House	72	71.8	71.9	0	44.6	0	0	46.4	0	48.6	71.9		70	Y	0.1	N	N	0.0	N	N
R6225	7	31.2	Yuk Po Court Tsun Wu House	71.6	71.5	71.6	0	45.1	0	0	46.7	0	49	71.6		70	Y	0.1	N	N	0.0	N	N
R6225	8	33.9	Yuk Po Court Tsun Wu House	71.3	71.2	71.3	0	45.4	0	0	47.1	0	49.3	71.3		70	Y	0.1	N	N	0.0	N	N
R6225	9	36.6	Yuk Po Court Tsun Wu House	71	70.8	70.9	0	45.8	0	0	47.4	0	49.7	71		70	Y	0.2	N	N	0.1	N	N
R6225	10	39.3	Yuk Po Court Tsun Wu House	70.7	70.6	70.6	0	46.2	0	0	47.7	0	50	70.7		70	Y	0.1	N	N	0.1	N	N
R6225	11	42.0	Yuk Po Court Tsun Wu House	70.4	70.3	70.4	0	46.6	0	0	48.1	0	50.4	70.4		70	N	0.1	N	N	0.0	N	N
R6225	12	44.7	Yuk Po Court Tsun Wu House	70.2	70	70.1	0	47	0	0	48.4	0	50.8	70.2		70	N	0.2	N	N	0.1	N	N
R6225	13	47.4	Yuk Po Court Tsun Wu House	70	69.9	69.9	0	47.3	0	0	48.9	0	51.2	70		70	N	0.1	N	N	0.1	N	N
R6225	14	50.1	Yuk Po Court Tsun Wu House	69.7	69.6	69.7	0	47.4	0	0	49.4	0	51.5	69.7		70	N	0.1	N	N	0.0	N	N
R6225	15	52.8	Yuk Po Court Tsun Wu House	69.5	69.4	69.5	0	47.6	0	0	49.8	0	51.8	69.6		70	N	0.2	N	N	0.1	N	N
R6225	16	55.5	Yuk Po Court Tsun Wu House	69.3	69.2	69.2	0	47.7	0	0	50.4	0	52.2	69.3		70	N	0.1	N	N	0.1	N	N
R6225	17	58.2	Yuk Po Court Tsun Wu House	69.1	69	69.1	0	47.8	0	0	51.1	0	52.8	69.2		70	N	0.2	N	N	0.1	N	N
R6225	18	60.9	Yuk Po Court Tsun Wu House	69	68.9	68.9	0	47.9	0	0	51.1	0	52.8	69		70	N	0.1	N	N	0.1	N	N
R6225	19	63.6	Yuk Po Court Tsun Wu House	68.8	68.7	68.7	0	48	0	0	51.5	0	53.1	68.8		70	N	0.1	N	N	0.1	N	N
R6225	20	66.3	Yuk Po Court Tsun Wu House	68.6	68.5	68.5	0	48	0	0	51.9	0	53.4	68.7		70	N	0.2	N	N	0.2	N	N
R6225	21	69.0	Yuk Po Court Tsun Wu House	68.5	68.4	68.4	0	48	0	0	52.4	0	53.7	68.5		70	N	0.1	N	N	0.1	N	N
R6225	22	71.7	Yuk Po Court Tsun Wu House	68.3	68.2	68.2	0	48	0	0	52.9	0	54.1	68.4		70	N	0.2	N	N	0.2	N	N
R6225	23	74.4	Yuk Po Court Tsun Wu House	68.2	68.1	68	0	48.1	0	0	53.4	0	54.5	68.2		70	N	0.1	N	N	0.2	N	N
R6225	24	77.1	Yuk Po Court Tsun Wu House	68.1	68	67.9	0	48.1	0	0	53.7	0	54.8	68.2		70	N	0.2	N	N	0.3	N	N
R6225	25	79.8	Yuk Po Court Tsun Wu House	67.9	67.9	67.8	0	48.1	0	0	53.9	0	55	68		70	N	0.1	N	N	0.2	N	N
R6225	26	82.5	Yuk Po Court Tsun Wu House	67.8	67.8	67.7	0	48.1	0	0	54.2	0	55.2	67.9		70	N	0.1	N	N	0.2	N	N
R6225	27	85.2	Yuk Po Court Tsun Wu House	67.7	67.6	67.5	0	48.2	0	0	54.4	0	55.3	67.8		70	N	0.2	N	N	0.3	N	N
R6225	28	87.9	Yuk Po Court Tsun Wu House	67.6	67.5	67.4	0	48.1	0	0	54.6	0	55.5	67.7		70	N	0.2	N	N	0.3	N	N
R6225	29	90.6	Yuk Po Court Tsun Wu House	67.5	67.4	67.3	0	48.1	0	0	54.8	0	55.6	67.6		70	N	0.2	N	N	0.3	N	N
R6225	30	93.3	Yuk Po Court Tsun Wu House	67.4	67.3	67.2	0	48.1	0	0	54.9	0	55.7	67.5		70	N	0.2	N	N	0.3	N	N
R6241	1	9.6	Buddhist Chan Shi Wan Primary School	70.3	70.6	70.9	0	0	0	0	0	0	0	70.9		65	Y	0.3	N	N	0.0	N	N
R6241	2	13.6	Buddhist Chan Shi Wan Primary School	71.2	71.5	71.9	0	0	0	0	0	0	0	71.9		65	Y	0.4	N	N	0.0	N	N
R6241	3	17.6	Buddhist Chan Shi Wan Primary School	72.5	72.9	73.3	0	0	0	0	0	0	0	73.3		65	Y	0.4	N	N	0.0	N	N
R6241	4	21.6	Buddhist Chan Shi Wan Primary School	74.2	74.7	75.1	0	0	0	0	0	0	0	75.1		65	Y	0.4	N	N	0.0	N	N
R6241	5	25.6	Buddhist Chan Shi Wan Primary School	76.6	77.1	77.6	0	0	0	0	0	0	0	77.6		65	Y	0.5	N	N	0.0	N	N
R6241	6	29.6	Buddhist Chan Shi Wan Primary School	78.8	79.4	80.1	0	0	0	0	0	0	0	80.1		65	Y	0.7	N	N	0.0	N	N
R6241	7	33.6	Buddhist Chan Shi Wan Primary School	80.3	80.8	81.5	0	0	0	0	0	0	0	81.5		65	Y	0.7	N	N	0.0	N	N
R6242	1	9.6	Buddhist Chan Shi Wan Primary School	72.3	72.2	72.3	0	35.5	0	0	40.4	0	41.6	72.3		65	Y	0.1	N	N	0.0	N	N
R6242	2	13.6	Buddhist Chan Shi Wan Primary School	72.6	72.6	72.7	0	36.1	0	0	41.1	0	42.3	72.7		65	Y	0.1	N	N	0.0	N	N
R6242	3	17.6	Buddhist Chan Shi Wan Primary School	73	73.1	73.3	0	36.7	0	0	41.7	0	42.9	73.3		65	Y	0.2	N	N	0.0	N	N
R6242	4	21.6	Buddhist Chan Shi Wan Primary School	73.7	73.9	74	0	37.3	0	0	42.4	0	43.6	74		65	Y	0.1	N	N	0.0	N	N
R6242	5	25.6	Buddhist Chan Shi Wan Primary School	74.6	74.9	75	0	37.9	0	0	43.2	0	44.3	75		65	Y	0.1	N	N	0.0	N	N
R6242	6	29.6	Buddhist Chan Shi Wan Primary School	75.8	76.2	76.3	0	38.6	0	0	44	0	45.1	76.3		65	Y	0.1	N	N	0.0	N	N
R6242	7	33.6	Buddhist Chan Shi Wan Primary School	77	77.5	77.8	0	39.3	0	0	44.8	0	45.9	77.8		65	Y	0.3	N	N	0.0	N	N
R6261	1	12.8	Fu Wing Mansion	76	76.9	76	0	0	0	26.2	0	0	26.2	76		70	Y	-0.9	N	N	0.0	N	N
R6261	2	15.8	Fu Wing Mansion	75.6	76.5	75.7	0	0	0	28.6	0	0	28.6	75.7		70	Y	-0.8	N	N	0.0	N	N
R6261	3	18.8	Fu Wing Mansion	75.3	76.2	75.3	0	0	0	30.7	0	0	30.7	75.3		70	Y	-0.9	N	N	0.0	N	N
R6261	4	21.8	Fu Wing Mansion	74.9	75.8	75	0	0	0	32.9	0	0	32.9	75		70	Y	-0.8	N	N	0.0	N	N
R6261	5	24.8	Fu Wing Mansion	74.5	75.3	74.6	0	0	0	35	0	0	35	74.6		70	Y	-0.7	N	N	0.0	N	N
R6261	6	27.8	Fu Wing Mansion	74.1	74.9	74.2	0	0	0	37	0	0	37	74.2		70	Y	-0.7	N	N	0.0	N	N
R6261	7	30.8	Fu Wing Mansion	73.8	74.6	73.8	0	0	0	38.9	0	0	38.9	73.8		70	Y	-0.8	N	N	0.0	N	N
R6261	8	33.8	Fu Wing Mansion	73.5	74.2	73.5	0	0	0	40.4	0	0	40.4	73.5		70	Y	-0.7	N	N	0.0	N	N
R6261	9	36.8	Fu Wing Mansion	73.2	73.9	73.2	0	0	0	41.2	0	0	41.2	73.2		70	Y	-0.7	N	N	0.0	N	N
R6261	10	39.8	Fu Wing Mansion	72.9	73.6	72.9	0	0	0	41.6	0	0	41.6	72.9		70	Y	-0.7	N	N	0.0	N	N
R6261	11	42.8	Fu Wing Mansion	72.6	73.4	72.6	0	0	0	41.8	0	0	41.8	72.6		70	Y	-0.8	N	N	0.0	N	N
R6261	12	45.8	Fu Wing Mansion	72.4	73.1	72.4	0	0	0	42	0	0	42	72.4		70	Y	-0.7	N	N	0.0	N	N
R6261	13	48.8	Fu Wing Mansion	72.1	72.8	72.1	0	0	0	42	0	0	42	72.1		70	Y	-0.7	N	N	0.0	N	N
R6261	14	51.8	Fu Wing Mansion	71.9	72.6	71.9	0	0	0	42	0	0	42	71.9		70	Y	-0.7	N	N	0.0	N	N
R6261	15	54.8	Fu Wing Mansion	71.7	72.4	71.7	0	0	0	42	0	0	42	71.7		70	Y	-0.7	N	N	0.0	N	N
R6261	16	57.8	Fu Wing Mansion	71.5	72.2	71.5	0	0	0	42	0	0	42	71.5		70	Y	-0.7	N	N	0.0	N	N
R6261	17	60.8	Fu Wing Mansion	71.3	72	71.3	0	0	0	42	0	0	42	71.3		70	Y	-0.7	N	N	0.0	N	N
R6261	18	63.8	Fu Wing Mansion	71.1	71.8	71.1	0	0	0	42	0	0	42	71.1		70	Y	-0.7	N	N	0.0	N	N
R6281	1	9.5	Shek Wu Hui Public School	74.4	74.3	72.8	0	19.5	0	50.6	0	0	50.6	72.8		65	Y	-1.5	N	N	0.0	N	N
R6281	2	13.5	Shek Wu Hui Public School	74.2	74.1	72.7	0	20.9	0	50.6	0	0	50.7	72.7		70	Y	-1.4	N	N	0.0	N	N
R6281	3	17.5	Shek Wu Hui Public School	74	73.9	72.4	0	22.3	0	50.7	0	0	50.7	72.4		70	Y	-1.5	N	N	0.0	N	N
R6281	4	21.5	Shek Wu Hui Public School	73.7	73.7	72.2	0	23.6	0	50.7	0	0	50.7	72.2		70	Y	-1.5	N	N	0.0	N	N
R6281	5	25.5	Shek Wu Hui Public School	73.4	73.3	71.8	0	25.1	0	50.9	0	0	50.9	71.8		70	Y	-1.5	N	N	0.0	N	N
R6281	6	29.5	Shek Wu Hui Public School	73.1	73	71.5	0	26.7	0	51	0	0	51	71.5		70	Y	-1.5	N	N	0.0	N	N
R6282	1	9.5	Shek Wu Hui Public School	72.9	72.8	71.4	0	23.9	0	51.3	0	0	51.3	71.4		70	Y	-1.4	N	N	0.0	N	N
R6282	2	13.5	Shek Wu Hui Public School	72.8	72.8	71.3	0	25	0	51.3	0	0	51.3	71.4		70	Y	-1.4	N	N	0.1	N	N
R6282	3	17.5	Shek Wu Hui Public School	72.7	72.7	71.2	0	26.2	0	51.3	0	0	51.3	71.2		70	Y	-1.5	N	N	0.0	N	N
R6282	4	21.5	Shek Wu Hui Public School	72.4	72.4	70.9	0	27.3	0	51.5	0	0	51.5	70.9		70	Y	-1.5	N	N	0.0	N	N
R6282	5	25.5	Shek Wu Hui Public School	72.2	72.2	70.7	0	28.7	0	51.7	0	0	51.7	70.7		70	Y	-1.5	N	N	0.0	N	N
R6282	6	29.5	Shek Wu Hui Public School	71.9	71.9	70.4	0	29.9	0	51.9	0	0	51.9	70.4		70	N	-1.5	N	N	0.0	N	N
R6301	1	10.5	S. K. H. Chan Young Secondary School	73	73.7	73.3	0	0	0	4.7	0	0	4.7	73.3		70	Y	-0.4	N	N	0.0	N	N
R6301	2	14.5	S. K. H. Chan Young Secondary School	73	73.6	73.3	0	0	0	4.7	0	0	4.7	73.3		70	Y	-0.3	N	N	0.0	N	N
R6301	3	18.5	S. K. H. Chan Young Secondary School	72.9	73.6	73.3	0	0	0	4.7	0	0	4.7	73.3		70	Y	-0.3	N	N	0.0	N	N
R6321	1	31.4	Regentville	76.9	77.1	76.9	0	55.6	45.7	0	0	0	56	76.9		70	Y	-0.2	N	N	0.0	N	N
R6321	2	34.4	Regentville	76.8	77	76.8	0	57.3	46.1	0	0	0	57.6	76.8		70	Y	-0.2	N	N	0.0	N	N
R6321	3	37.4	Regentville	76.7	76.9	76.7	0	58.2	46.2	0	0	0	58.5	76.8		70	Y	-0.1	N	N	0.1	N	N
R6321	4	40.4	Regentville	76.6	76.8	76.6	0	58.8	46.2	0	0	0	59.1	76.7		70	Y	-0.1	N	N	0.1	N	N
R6321	5	43.4	Regentville	76.5	76.7	76.5	0	59.1	46.2	0	0	0	59.4	76.5		70	Y	-0.2	N	N	0.0	N	N
R6321	6	46.4	Regentville	76.3	76.4	76.2	0	59.3	46.2	0	0	0	59.5	76.3		70	Y	-0.1	N	N	0.1	N	N
R6321	7	49.4	Regentville	76.1	76.3	76.1	0	59.3	46.2	0	0	0	59.5	76.2		70	Y	-0.1	N	N	0.1	N	N
R6321	8	52.4	Regentville	75.9	76.1	75.9	0	59.4	46.2	0	0	0	59.6	76		70	Y	-0.1	N	N	0.1	N	N
R6321	9	55.4	Regentville	75.7	75.9	75.7	0	59.4	46.2	0	0	0	59.6	75.8		70	Y	-0.1	N	N	0.1	N	N
R6321	10	58.4	Regentville	75.6	75.8	75.5	0	59.4	46.2	0	0	0	59.6	75.6		70	Y	-0.2	N	N	0.1	N	N
R6321	11	61.4	Regentville	75.4	75.6	75.3	0	59.4	46.1	0	0	0	59.6	75.4		70	Y	-0.2	N	N	0.1	N	N
R6321	12	64.4	Regentville	75.2	75.4	75.2	0	59.4	46.1	0	0	0	59.6	75.3		70	Y	-0.1	N	N	0.1	N	N
R6321	13	67.4	Regentville	75.1	75.3	75	0	59.4	46.1	0	0	0	59.6	75.1		70	Y	-0.2	N	N	0.1	N	N
R6321	14	70.4	Regentville	74.9	75.1	74.9	0	59.4	46.1	0	0	0	59.6	75		70	Y	-0.1	N	N	0.1	N	N
R6321	15	73.4	Regentville	74.7	74.9	74.7	0	59.4	46.1	0	0	0	59.6	74.8		70	Y	-0.1	N	N	0.1	N	N
R6321	16	76.4	Regentville	74.6	74.8	74.5	0	59.4	46	0	0	0	59.6	74.6		70	Y	-0.2	N	N	0.1	N	N
R6321	17	79.4	Regentville	74.4	74.6	74.4	0	59.4	46	0	0	0	59.6	74.5		70	Y	-0.1	N	N	0.1	N	N
R6321	18	82.4	Regentville	74.3	74.5	74.2	0	59.3	46	0	0	0	59.5	74.4		70	Y	-0.1	N	N	0.2	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT																
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures
								PD	DD	OTHER	EX	TR					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A) [1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
R6321	19	85.4	Regentville	74.1	74.3	74.1	0	59.3	46.1	0	0	0	59.5	74.2	70	Y	-0.1	N	N	0.1	N	N
R6321	20	88.4	Regentville	74	74.2	73.9	0	59.3	46	0	0	0	59.5	74.1	70	Y	-0.1	N	N	0.2	N	N
R6321	21	91.4	Regentville	73.9	74.1	73.8	0	59.3	46	0	0	0	59.5	74	70	Y	-0.1	N	N	0.2	N	N
R6321	22	94.4	Regentville	73.7	73.9	73.6	0	59.3	46	0	0	0	59.5	73.8	70	Y	-0.1	N	N	0.2	N	N
R6321	23	97.4	Regentville	73.6	73.8	73.5	0	59.2	46	0	0	0	59.4	73.7	70	Y	-0.1	N	N	0.2	N	N
R6321	24	100.4	Regentville	73.5	73.7	73.4	0	59.2	46	0	0	0	59.4	73.6	70	Y	-0.1	N	N	0.2	N	N
R6321	25	103.4	Regentville	73.4	73.5	73.3	0	59.2	45.9	0	0	0	59.4	73.4	70	Y	-0.1	N	N	0.1	N	N
R6321	26	106.4	Regentville	73.3	73.4	73.2	0	59.1	45.9	0	0	0	59.3	73.3	70	Y	-0.1	N	N	0.1	N	N
R6321	27	109.4	Regentville	73.1	73.3	73	0	59.1	46	0	0	0	59.3	73.2	70	Y	-0.1	N	N	0.2	N	N
R6321	28	112.4	Regentville	73	73.2	72.9	0	59.1	45.9	0	0	0	59.3	73.1	70	Y	-0.1	N	N	0.2	N	N
R6321	29	115.4	Regentville	72.9	73.1	72.8	0	59	46	0	0	0	59.2	73	70	Y	-0.1	N	N	0.2	N	N
R6321	30	118.4	Regentville	72.8	73	72.7	0	59	46.1	0	0	0	59.2	72.9	70	Y	-0.1	N	N	0.2	N	N
R6322	1	31.4	Regentville	77.2	77.4	77.1	0	54.5	47.9	0	0	0	55.4	77.2	70	Y	-0.2	N	N	0.1	N	N
R6322	2	34.4	Regentville	77.1	77.2	77	0	55.5	47.9	0	0	0	56.2	77	70	Y	-0.2	N	N	0.0	N	N
R6322	3	37.4	Regentville	76.9	77.1	76.8	0	56	48	0	0	0	56.6	76.8	70	Y	-0.3	N	N	0.0	N	N
R6322	4	40.4	Regentville	76.8	76.9	76.6	0	56.2	47.9	0	0	0	56.8	76.7	70	Y	-0.2	N	N	0.1	N	N
R6322	5	43.4	Regentville	76.6	76.8	76.5	0	56.2	47.9	0	0	0	56.8	76.5	70	Y	-0.3	N	N	0.0	N	N
R6322	6	46.4	Regentville	76.4	76.6	76.3	0	56.3	47.9	0	0	0	56.9	76.3	70	Y	-0.3	N	N	0.0	N	N
R6322	7	49.4	Regentville	76.2	76.4	76.1	0	56.4	47.9	0	0	0	57	76.1	70	Y	-0.3	N	N	0.0	N	N
R6322	8	52.4	Regentville	76	76.2	75.9	0	56.5	47.9	0	0	0	57.1	75.9	70	Y	-0.3	N	N	0.0	N	N
R6322	9	55.4	Regentville	75.8	76	75.7	0	56.6	48	0	0	0	57.2	75.8	70	Y	-0.2	N	N	0.1	N	N
R6322	10	58.4	Regentville	75.6	75.8	75.5	0	56.7	48.1	0	0	0	57.2	75.6	70	Y	-0.2	N	N	0.1	N	N
R6322	11	61.4	Regentville	75.5	75.6	75.3	0	56.7	48.2	0	0	0	57.3	75.4	70	Y	-0.2	N	N	0.1	N	N
R6322	12	64.4	Regentville	75.3	75.5	75.2	0	56.8	48.3	0	0	0	57.3	75.2	70	Y	-0.3	N	N	0.0	N	N
R6322	13	67.4	Regentville	75.2	75.3	75	0	56.8	48.3	0	0	0	57.4	75.1	70	Y	-0.2	N	N	0.1	N	N
R6322	14	70.4	Regentville	75	75.2	74.9	0	56.8	48.4	0	0	0	57.4	74.9	70	Y	-0.3	N	N	0.0	N	N
R6322	15	73.4	Regentville	74.8	75	74.7	0	56.9	48.4	0	0	0	57.5	74.7	70	Y	-0.3	N	N	0.0	N	N
R6322	16	76.4	Regentville	74.7	74.9	74.5	0	56.9	48.4	0	0	0	57.5	74.6	70	Y	-0.3	N	N	0.1	N	N
R6322	17	79.4	Regentville	74.5	74.7	74.4	0	56.9	48.3	0	0	0	57.5	74.5	70	Y	-0.2	N	N	0.1	N	N
R6322	18	82.4	Regentville	74.4	74.6	74.2	0	56.9	48.3	0	0	0	57.5	74.3	70	Y	-0.3	N	N	0.1	N	N
R6322	19	85.4	Regentville	74.2	74.4	74.1	0	56.9	48.3	0	0	0	57.5	74.2	70	Y	-0.2	N	N	0.1	N	N
R6322	20	88.4	Regentville	74.1	74.3	73.9	0	56.9	48.3	0	0	0	57.5	74	70	Y	-0.3	N	N	0.1	N	N
R6322	21	91.4	Regentville	74	74.2	73.8	0	56.9	48.2	0	0	0	57.4	73.9	70	Y	-0.3	N	N	0.1	N	N
R6322	22	94.4	Regentville	73.8	74	73.7	0	56.9	48.2	0	0	0	57.4	73.8	70	Y	-0.2	N	N	0.1	N	N
R6322	23	97.4	Regentville	73.7	73.9	73.5	0	56.9	48.2	0	0	0	57.4	73.6	70	Y	-0.3	N	N	0.1	N	N
R6322	24	100.4	Regentville	73.6	73.8	73.4	0	56.9	48.2	0	0	0	57.4	73.5	70	Y	-0.3	N	N	0.1	N	N
R6322	25	103.4	Regentville	73.4	73.6	73.3	0	56.8	48.1	0	0	0	57.4	73.4	70	Y	-0.2	N	N	0.1	N	N
R6322	26	106.4	Regentville	73.3	73.5	73.2	0	56.8	48.1	0	0	0	57.4	73.3	70	Y	-0.2	N	N	0.1	N	N
R6322	27	109.4	Regentville	73.2	73.4	73	0	56.8	48.1	0	0	0	57.4	73.2	70	Y	-0.2	N	N	0.2	N	N
R6322	28	112.4	Regentville	73.1	73.3	72.9	0	56.8	48.1	0	0	0	57.3	73.1	70	Y	-0.2	N	N	0.2	N	N
R6322	29	115.4	Regentville	73	73.2	72.8	0	56.8	48	0	0	0	57.3	73	70	Y	-0.2	N	N	0.2	N	N
R6322	30	118.4	Regentville	72.8	73	72.7	0	56.7	48	0	0	0	57.3	72.8	70	Y	-0.2	N	N	0.1	N	N
R6323	1	31.4	Regentville	77.4	77.7	77.4	0	53.9	39.9	0	0	0	54.1	77.4	70	Y	-0.3	N	N	0.0	N	N
R6323	2	34.4	Regentville	77.3	77.5	77.2	0	54	40.2	0	0	0	54.2	77.2	70	Y	-0.3	N	N	0.0	N	N
R6323	3	37.4	Regentville	77.1	77.3	77	0	54.1	40.4	0	0	0	54.3	77	70	Y	-0.3	N	N	0.0	N	N
R6323	4	40.4	Regentville	77	77.2	76.8	0	54.2	40.4	0	0	0	54.4	76.9	70	Y	-0.3	N	N	0.1	N	N
R6323	5	43.4	Regentville	76.8	77	76.6	0	54.3	40.6	0	0	0	54.5	76.7	70	Y	-0.3	N	N	0.1	N	N
R6323	6	46.4	Regentville	76.6	76.8	76.5	0	54.4	40.8	0	0	0	54.6	76.5	70	Y	-0.3	N	N	0.0	N	N
R6323	7	49.4	Regentville	76.4	76.6	76.3	0	54.6	41.1	0	0	0	54.7	76.3	70	Y	-0.3	N	N	0.0	N	N
R6323	8	52.4	Regentville	76.2	76.4	76.1	0	54.7	41.5	0	0	0	54.9	76.1	70	Y	-0.3	N	N	0.0	N	N
R6323	9	55.4	Regentville	76	76.2	75.9	0	54.8	42	0	0	0	55	75.9	70	Y	-0.3	N	N	0.0	N	N
R6323	10	58.4	Regentville	75.8	76.1	75.7	0	54.9	42.9	0	0	0	55.1	75.7	70	Y	-0.4	N	N	0.0	N	N
R6323	11	61.4	Regentville	75.6	75.9	75.5	0	55	44.2	0	0	0	55.3	75.6	70	Y	-0.3	N	N	0.1	N	N
R6323	12	64.4	Regentville	75.5	75.7	75.4	0	55	45.4	0	0	0	55.5	75.4	70	Y	-0.3	N	N	0.0	N	N
R6323	13	67.4	Regentville	75.3	75.6	75.2	0	55.1	46.6	0	0	0	55.7	75.2	70	Y	-0.4	N	N	0.0	N	N
R6323	14	70.4	Regentville	75.2	75.4	75	0	55.2	47.3	0	0	0	55.8	75.1	70	Y	-0.3	N	N	0.1	N	N
R6323	15	73.4	Regentville	75	75.2	74.8	0	55.2	47.6	0	0	0	55.9	74.9	70	Y	-0.3	N	N	0.1	N	N
R6323	16	76.4	Regentville	74.9	75.1	74.7	0	55.3	47.8	0	0	0	56	74.8	70	Y	-0.3	N	N	0.1	N	N
R6323	17	79.4	Regentville	74.7	74.9	74.5	0	55.3	47.8	0	0	0	56	74.6	70	Y	-0.3	N	N	0.1	N	N
R6323	18	82.4	Regentville	74.5	74.8	74.4	0	55.4	47.8	0	0	0	56.1	74.5	70	Y	-0.3	N	N	0.1	N	N
R6323	19	85.4	Regentville	74.4	74.6	74.3	0	55.4	47.8	0	0	0	56.1	74.3	70	Y	-0.3	N	N	0.0	N	N
R6323	20	88.4	Regentville	74.3	74.5	74.1	0	55.4	47.8	0	0	0	56.1	74.2	70	Y	-0.3	N	N	0.1	N	N
R6323	21	91.4	Regentville	74.2	74.4	74	0	55.5	47.7	0	0	0	56.1	74.1	70	Y	-0.3	N	N	0.1	N	N
R6323	22	94.4	Regentville	74	74.2	73.8	0	55.5	47.7	0	0	0	56.2	73.9	70	Y	-0.3	N	N	0.1	N	N
R6323	23	97.4	Regentville	73.9	74.1	73.7	0	55.5	47.7	0	0	0	56.2	73.8	70	Y	-0.3	N	N	0.1	N	N
R6323	24	100.4	Regentville	73.8	74	73.6	0	55.5	47.7	0	0	0	56.2	73.7	70	Y	-0.3	N	N	0.1	N	N
R6323	25	103.4	Regentville	73.6	73.8	73.4	0	55.5	47.6	0	0	0	56.2	73.5	70	Y	-0.3	N	N	0.1	N	N
R6323	26	106.4	Regentville	73.5	73.7	73.3	0	55.6	47.6	0	0	0	56.2	73.4	70	Y	-0.3	N	N	0.1	N	N
R6323	27	109.4	Regentville	73.4	73.6	73.2	0	55.5	47.6	0	0	0	56.2	73.3	70	Y	-0.3	N	N	0.1	N	N
R6323	28	112.4	Regentville	73.3	73.5	73.1	0	55.6	47.6	0	0	0	56.2	73.2	70	Y	-0.3	N	N	0.1	N	N
R6323	29	115.4	Regentville	73.2	73.4	73	0	55.5	47.5	0	0	0	56.2	73.1	70	Y	-0.3	N	N	0.1	N	N
R6323	30	118.4	Regentville	73	73.3	72.9	0	55.5	47.5	0	0	0	56.2	72.9	70	Y	-0.4	N	N	0.0	N	N
R6324	1	31.4	Regentville	73.6	73.9	73.1	0	48.4	0	0	0	0	48.4	73.1	70	Y	-0.8	N	N	0.0	N	N
R6324	2	34.4	Regentville	74.4	74.8	74.2	0	48.6	0	0	0	0	48.6	74.2	70	Y	-0.6	N	N	0.0	N	N
R6324	3	37.4	Regentville	74.8	75.2	74.7	0	48.9	0	0	0	0	48.9	74.7	70	Y	-0.5	N	N	0.0	N	N
R6324	4	40.4	Regentville	74.9	75.4	75	0	49.2	0	0	0	0	49.2	75	70	Y	-0.4	N	N	0.0	N	N
R6324	5	43.4	Regentville	75.2	75.7	75.4	0	49.5	0	0	0	0	49.5	75.4	70	Y	-0.3	N	N	0.0	N	N
R6324	6	46.4	Regentville	75.3	75.8	75.5	0	49.9	0	0	0	0	49.9	75.5	70	Y	-0.3	N	N	0.0	N	N
R6324	7	49.4	Regentville	75.2	75.7	75.5	0	50.3	0	0	0	0	50.3	75.5	70	Y	-0.2	N	N	0.0	N	N
R6324	8	52.4	Regentville	75.1	75.7	75.4	0	50.6	0	0	0	0	50.6	75.4	70	Y	-0.3	N	N	0.0	N	N
R6324	9	55.4	Regentville	74.9	75.5	75.2	0	50.8	0	0	0	0	50.8	75.2	70	Y	-0.3	N	N	0.0	N	N
R6324	10	58.4	Regentville	74.8	75.3	75	0	51.1	0	0	0	0	51.1	75.1	70	Y	-0.2	N	N	0.1	N	N
R6324	11	61.4	Regentville	74.6	75.2	74.9	0	51.3	0	0	0	0	51.3	74.9	70	Y	-0.3	N	N	0.0	N	N
R6324	12	64.4	Regentville	74.5	75	74.7	0	51.5	0	0	0	0	51.5	74.8	70	Y	-0.2	N	N	0.1	N	N
R6324	13	67.4	Regentville	74.3	74.8	74.6	0	51.7	0	0	0	0	51.7	74.6	70	Y	-0.2	N	N	0.0	N	N
R6324	14	70.4	Regentville	74.1	74.7	74.4	0	51.9	0	0	0	0	51.9	74.4	70	Y	-0.3	N	N	0.0	N	N
R6324	15	73.4	Regentville	74	74.5	74.2	0	52	0	0	0	0	52	74.3	70	Y	-0.2	N	N	0.1	N	N
R6324	16	76.4	Regentville	73.8	74.4	74.1	0	52.1	0	0	0	0	52.1	74.1	70	Y	-0.3	N	N	0.0	N	N
R6324	17	79.4	Regentville	73.7	74.2	73.9	0	52.2	0	0	0	0	52.2	73.9	70	Y	-0.3	N	N	0.0	N	N
R6324	18	82.4	Regentville	73.6	74.1	73.8	0	52.3	0	0	0	0	52.3	73.8	70	Y	-0.3	N	N	0.0	N	N
R6324	19	85.4	Regentville	73.4	73.9	73.6	0	52.4	0	0	0	0	52.4	73.7	70	Y	-0.2	N	N	0.1	N	N
R6324	20	88.4	Regentville	73.3	73.8	73.5	0	52.5	0	0	0	0	52.5	73.5	70	Y	-0.3	N	N	0.0	N	N
R6324	21	91.4	Regentville	73.1	73.7	73.3	0	52.6	0	0	0	0	52.6	73.4	70	Y	-0.3	N	N	0.1	N	N
R6324	22	94.4	Regentville	73	73.5	73.2	0	52.6	0	0	0	0	52.6	73.3	70	Y	-0.2	N	N	0.1	N	N
R6324	23	97.4	Regentville	72.9	73.4	73.1	0	52.7	0	0	0	0	52.7	73.1	70	Y	-0.3	N	N	0.0	N	N
R6324	24	100.4	Regentville	72.8	73.3	73	0	52.7	0	0	0	0	52.7	73	70	Y	-0.3	N	N	0.0	N	N
R6324	25	103.4	Regentville	72.6	73.2	72.8	0	52.8	0	0	0	0	52.8	72.9	70	Y	-0.3	N	N	0.1	N	N
R6324	26	106.4	Regentville	72.5	73	72.7	0	52.8	0	0	0	0	52.8	72.8	70	Y	-0.2	N	N	0.1	N	N
R6324	27	109.4	Regentville	72.4	72.9	72.6	0	52.8	0	0	0	0	52.8	72.6	70	Y	-0.3	N	N	0.0	N	N
R6324	28	112.4	Regentville	72.3	72.8	72.5	0	52.9	0	0	0	0	52.9	72.5	70	Y	-0.3	N	N	0.0	N	N
R6324	29	115.4	Regentville	72.2	72.7	72.4	0	52.9	0	0	0	0	52.9	72.4	70	Y	-0.3	N	N	0.0	N	N
R6324	30	118.4	Regentville	72.1	72.6	72.3	0	52.8	0	0	0	0	52.8	72.3	70	Y	-0.3	N	N	0.0	N	N
R6325	1	31.4	Regentville	76.6	77.4	77.6	0	43.3	0	0	0	0	43.3	77.6	70	Y	0.2	N	N	0.0	N	N
R6325	2	34.4	Regentville	76.2	77.1	77.3	0	43.4	0	0	0	0	43.4	77.3	70	Y	0.2	N	N	0.0	N	N
R6325	3	37.4	Regentville	75.9	76.7	76.9	0	43.5	0	0	0	0	43.5	76.9	70	Y	0.2	N	N	0.0	N	N
R6325	4	40.4	Regentville	75.6	76.4	76.5	0	43.8	0	0	0	0	43.8	76.5	70	Y	0.1	N	N	0.0	N	N
R6325	5	43.4	Regentville	75.3	76.1	76.3	0	44	0	0	0	0	44	76.3	70	Y	0.2	N	N	0.0	N	N
R6325	6	46.4	Regentville	75	75.8	75.9	0	44.3	0	0	0	0	44.3	75.9	70	Y	0.1	N	N	0.0	N	N
R6325	7	49.4	Regentville	74.8	75.6	75.7	0	44.6	0	0	0	0	44.6	75.7	70	Y	0.1	N	N	0.0	N	N
R6325	8	52.4	Regentville	74.5	75.3	75.4	0	44.9	0	0	0	0	44.9	75.4	70	Y	0.1	N	N	0.0	N	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT		WITH PROJECT								Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
				OVERALL NOISE LEVEL at 2016	OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044	NEW ROADS PD	DD	OTHER	EX	TR	NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044			C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A) [A]	dB(A)	dB(A)[1]	dB(A)					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R6325	9	55.4	Regentville	74.3	75.1	75.2	0	45.2	0	0	0	0	45.2	75.2	70	Y	0.1	N	N	0.0	N	N
R6325	10	58.4	Regentville	74.1	74.9	75	0	45.5	0	0	0	0	45.5	75	70	Y	0.1	N	N	0.0	N	N
R6325	11	61.4	Regentville	73.9	74.6	74.7	0	45.7	0	0	0	0	45.7	74.7	70	Y	0.1	N	N	0.0	N	N
R6325	12	64.4	Regentville	73.7	74.5	74.5	0	46	0	0	0	0	46	74.5	70	Y	0.0	N	N	0.0	N	N
R6325	13	67.4	Regentville	73.5	74.3	74.4	0	46.2	0	0	0	0	46.2	74.4	70	Y	0.1	N	N	0.0	N	N
R6325	14	70.4	Regentville	73.4	74.1	74.1	0	46.4	0	0	0	0	46.4	74.1	70	Y	0.0	N	N	0.0	N	N
R6325	15	73.4	Regentville	73.2	73.9	74	0	46.6	0	0	0	0	46.6	74	70	Y	0.1	N	N	0.0	N	N
R6325	16	76.4	Regentville	73	73.8	73.8	0	46.7	0	0	0	0	46.7	73.8	70	Y	0.0	N	N	0.0	N	N
R6325	17	79.4	Regentville	72.9	73.6	73.6	0	46.9	0	0	0	0	46.9	73.7	70	Y	0.1	N	N	0.1	N	N
R6325	18	82.4	Regentville	72.8	73.5	73.5	0	47	0	0	0	0	47	73.5	70	Y	0.0	N	N	0.0	N	N
R6325	19	85.4	Regentville	72.6	73.4	73.4	0	47.1	0	0	0	0	47.1	73.4	70	Y	0.0	N	N	0.0	N	N
R6325	20	88.4	Regentville	72.5	73.2	73.2	0	47.2	0	0	0	0	47.2	73.2	70	Y	0.0	N	N	0.0	N	N
R6325	21	91.4	Regentville	72.4	73.1	73	0	47.3	0	0	0	0	47.3	73.1	70	Y	0.0	N	N	0.1	N	N
R6325	22	94.4	Regentville	72.2	73	73	0	47.4	0	0	0	0	47.4	73	70	Y	0.0	N	N	0.0	N	N
R6325	23	97.4	Regentville	72.1	72.8	72.8	0	47.4	0	0	0	0	47.4	72.8	70	Y	0.0	N	N	0.0	N	N
R6325	24	100.4	Regentville	72	72.7	72.7	0	47.5	0	0	0	0	47.5	72.7	70	Y	0.0	N	N	0.0	N	N
R6325	25	103.4	Regentville	71.9	72.6	72.5	0	47.5	0	0	0	0	47.5	72.6	70	Y	0.0	N	N	0.1	N	N
R6325	26	106.4	Regentville	71.8	72.5	72.5	0	47.6	0	0	0	0	47.6	72.5	70	Y	0.0	N	N	0.0	N	N
R6325	27	109.4	Regentville	71.7	72.4	72.4	0	47.6	0	0	0	0	47.6	72.4	70	Y	0.0	N	N	0.0	N	N
R6325	28	112.4	Regentville	71.6	72.4	72.2	0	47.7	0	0	0	0	47.7	72.3	70	Y	-0.1	N	N	0.1	N	N
R6325	29	115.4	Regentville	71.5	72.2	72.1	0	47.7	0	0	0	0	47.7	72.2	70	Y	0.0	N	N	0.1	N	N
R6325	30	118.4	Regentville	71.4	72.1	72	0	47.8	0	0	0	0	47.8	72.1	70	Y	0.0	N	N	0.1	N	N
R6341	1	12.0	Alliance Primary School Sheung Shui	76	76.5	76.9	0	25.8	0	0	0	0	25.8	76.9	65	Y	0.4	N	N	0.0	N	N
R6341	2	16.0	Alliance Primary School Sheung Shui	75.8	76.3	76.8	0	27.4	0	0	0	0	27.4	76.8	65	Y	0.5	N	N	0.0	N	N
R6341	3	20.0	Alliance Primary School Sheung Shui	75.5	76	76.5	0	30.3	0	0	0	0	30.3	76.5	65	Y	0.5	N	N	0.0	N	N
R6341	4	24.0	Alliance Primary School Sheung Shui	75	75.5	76	0	34.8	0	0	0	0	34.8	76	65	Y	0.5	N	N	0.0	N	N
R6341	5	28.0	Alliance Primary School Sheung Shui	74.5	75.1	75.5	0	38.7	0	0	0	0	38.7	75.5	65	Y	0.4	N	N	0.0	N	N
R6342	1	12.0	Alliance Primary School Sheung Shui	77.2	78	78.3	0	0	0	12.3	0	0	12.3	78.3	65	Y	0.3	N	N	0.0	N	N
R6342	2	16.0	Alliance Primary School Sheung Shui	77	77.7	78.1	0	0	0	12.7	0	0	12.7	78.1	65	Y	0.4	N	N	0.0	N	N
R6342	3	20.0	Alliance Primary School Sheung Shui	76.4	77.2	77.5	0	0	0	13.1	0	0	13.1	77.5	65	Y	0.3	N	N	0.0	N	N
R6342	4	24.0	Alliance Primary School Sheung Shui	75.8	76.5	76.9	0	0	0	13.2	0	0	13.2	76.9	65	Y	0.4	N	N	0.0	N	N
R6342	5	28.0	Alliance Primary School Sheung Shui	75.2	75.9	76.3	0	0	0	13.2	0	0	13.2	76.3	65	Y	0.4	N	N	0.0	N	N
R6361	1	17.0	Sheung Shui Police Married Quarters	71.3	71.6	71.6	0	29.9	0	0	52.1	0	52.1	71.6	70	Y	0.0	N	N	0.0	N	N
R6361	2	20.0	Sheung Shui Police Married Quarters	72.2	72.5	72.6	0	30.7	0	0	52.9	0	52.9	72.6	70	Y	0.1	N	N	0.0	N	N
R6361	3	23.0	Sheung Shui Police Married Quarters	73.2	73.5	73.7	0	31.3	0	0	53.5	0	53.5	73.8	70	Y	0.3	N	N	0.1	N	N
R6361	4	26.0	Sheung Shui Police Married Quarters	74.4	74.7	75	0	32.1	0	0	54.4	0	54.4	75	70	Y	0.3	N	N	0.0	N	N
R6361	5	29.0	Sheung Shui Police Married Quarters	75.8	76.1	76.5	0	32.8	0	0	54.8	0	54.9	76.5	70	Y	0.4	N	N	0.0	N	N
R6361	6	32.0	Sheung Shui Police Married Quarters	77.4	77.7	78	0	33.5	0	0	55.1	0	55.1	78.1	70	Y	0.4	N	N	0.1	N	N
R6361	7	35.0	Sheung Shui Police Married Quarters	78.3	78.7	79	0	34.3	0	0	55.1	0	55.1	79	70	Y	0.3	N	N	0.0	N	N
R6361	8	38.0	Sheung Shui Police Married Quarters	78.9	79.2	79.6	0	35.1	0	0	55.2	0	55.2	79.6	70	Y	0.4	N	N	0.0	N	N
R6361	9	41.0	Sheung Shui Police Married Quarters	79.5	79.9	80	0	36.1	0	0	55.2	0	55.3	80	70	Y	0.1	N	N	0.0	N	N
R6361	10	44.0	Sheung Shui Police Married Quarters	79.7	80.1	80.3	0	37	0	0	55.2	0	55.3	80.4	70	Y	0.3	N	N	0.1	N	N
R6361	11	47.0	Sheung Shui Police Married Quarters	80	80.4	80.5	0	38.1	0	0	55.2	0	55.3	80.5	70	Y	0.1	N	N	0.0	N	N
R6361	12	50.0	Sheung Shui Police Married Quarters	80.2	80.7	80.8	0	39.3	0	0	55.3	0	55.4	80.8	70	Y	0.1	N	N	0.0	N	N
R6361	13	53.0	Sheung Shui Police Married Quarters	80.3	80.8	81	0	40.5	0	0	55.3	0	55.5	81	70	Y	0.2	N	N	0.0	N	N
R6361	14	56.0	Sheung Shui Police Married Quarters	80.4	80.9	81.1	0	41.6	0	0	55.4	0	55.6	81.2	70	Y	0.3	N	N	0.1	N	N
R6361	15	59.0	Sheung Shui Police Married Quarters	80.3	80.8	81.1	0	42.9	0	0	55.5	0	55.7	81.2	70	Y	0.4	N	N	0.1	N	N
R6361	16	62.0	Sheung Shui Police Married Quarters	80.2	80.8	81.1	0	43.6	0	0	55.5	0	55.7	81.1	70	Y	0.3	N	N	0.0	N	N
R6361	17	65.0	Sheung Shui Police Married Quarters	80.2	80.7	81.1	0	44.1	0	0	55.6	0	55.9	81.1	70	Y	0.4	N	N	0.0	N	N
R6361	18	68.0	Sheung Shui Police Married Quarters	80.1	80.6	81	0	44.5	0	0	55.6	0	55.9	81	70	Y	0.4	N	N	0.0	N	N
R6362	1	17.0	Sheung Shui Police Married Quarters	71.3	71.6	71.6	0	30	0	0	52.5	0	52.5	71.6	70	Y	0.0	N	N	0.0	N	N
R6362	2	20.0	Sheung Shui Police Married Quarters	72.2	72.4	72.5	0	30.7	0	0	53.2	0	53.2	72.5	70	Y	0.1	N	N	0.0	N	N
R6362	3	23.0	Sheung Shui Police Married Quarters	73.1	73.4	73.6	0	31.4	0	0	53.7	0	53.7	73.6	70	Y	0.2	N	N	0.0	N	N
R6362	4	26.0	Sheung Shui Police Married Quarters	74.2	74.5	74.7	0	32.1	0	0	54.3	0	54.3	74.8	70	Y	0.3	N	N	0.1	N	N
R6362	5	29.0	Sheung Shui Police Married Quarters	75.6	75.9	76.2	0	32.8	0	0	55	0	55	76.3	70	Y	0.4	N	N	0.1	N	N
R6362	6	32.0	Sheung Shui Police Married Quarters	76.9	77.2	77.6	0	33.6	0	0	55.3	0	55.3	77.6	70	Y	0.4	N	N	0.0	N	N
R6362	7	35.0	Sheung Shui Police Married Quarters	78	78.3	78.7	0	34.5	0	0	55.4	0	55.4	78.7	70	Y	0.4	N	N	0.0	N	N
R6362	8	38.0	Sheung Shui Police Married Quarters	78.6	78.9	79.3	0	35.4	0	0	55.4	0	55.4	79.3	70	Y	0.4	N	N	0.0	N	N
R6362	9	41.0	Sheung Shui Police Married Quarters	79	79.4	79.7	0	36.3	0	0	55.4	0	55.5	79.7	70	Y	0.3	N	N	0.0	N	N
R6362	10	44.0	Sheung Shui Police Married Quarters	79.4	79.8	80	0	37.3	0	0	55.5	0	55.5	80	70	Y	0.2	N	N	0.0	N	N
R6362	11	47.0	Sheung Shui Police Married Quarters	79.6	80	80.3	0	38.3	0	0	55.5	0	55.5	80.3	70	Y	0.3	N	N	0.0	N	N
R6362	12	50.0	Sheung Shui Police Married Quarters	79.9	80.3	80.4	0	39.5	0	0	55.5	0	55.6	80.4	70	Y	0.1	N	N	0.0	N	N
R6362	13	53.0	Sheung Shui Police Married Quarters	80.1	80.5	80.6	0	40.7	0	0	55.5	0	55.7	80.6	70	Y	0.1	N	N	0.0	N	N
R6362	14	56.0	Sheung Shui Police Married Quarters	80.1	80.6	80.8	0	42	0	0	55.7	0	55.8	80.8	70	Y	0.2	N	N	0.0	N	N
R6362	15	59.0	Sheung Shui Police Married Quarters	80.2	80.7	80.9	0	43.2	0	0	55.7	0	55.9	80.9	70	Y	0.2	N	N	0.0	N	N
R6362	16	62.0	Sheung Shui Police Married Quarters	80.1	80.6	80.9	0	43.9	0	0	55.7	0	56	80.9	70	Y	0.3	N	N	0.0	N	N
R6362	17	65.0	Sheung Shui Police Married Quarters	80.1	80.6	80.9	0	44.3	0	0	55.8	0	56.1	80.9	70	Y	0.3	N	N	0.0	N	N
R6362	18	68.0	Sheung Shui Police Married Quarters	80	80.5	80.9	0	44.7	0	0	55.9	0	56.2	80.9	70	Y	0.4	N	N	0.0	N	N
R TH1	1	26.6	Assessed Residential NSRs in Liantang EIA	64.9	68	49.3	65.6	49.5	49	0	63.4	0	63.8	67.9	70	N	-0.1	N	N	2.2	Y	N
R TH1	2	29.6	Assessed Residential NSRs in Liantang EIA	69.5	72.2	55.5	68	53.4	54.4	0	68	0	68.3	71.3	70	Y	-0.9	N	N	3.1	Y	Y
R TH2	1	27.4	Assessed Residential NSRs in Liantang EIA	69.1	71.2	56.2	65.4	54.1	53.1	0	69.4	20.7	69.7	71.2	70	Y	0.0	N	N	5.3	Y	Y
R TH2	2	30.4	Assessed Residential NSRs in Liantang EIA	69.9	72.1	56.6	66.5	54.8	53.9	0	70	21.1	70.2	71.9	70	Y	-0.2	N	N	5.0	Y	Y
R TH4	1	26.3	Assessed Residential NSRs in Liantang EIA	69.4	70.9	54	63.5	55.4	53.5	0	69.3	0	69.5	70.6	70	Y	-0.3	N	N	6.6	Y	Y
R TH4	2	29.3	Assessed Residential NSRs in Liantang EIA	69.8	71.4	54.2	64.2	56.1	54.4	0	69.6	0	70	71.1	70	Y	-0.3	N	N	6.5	Y	Y
R TH5	1	22.6	Assessed Residential NSRs in Liantang EIA	73.4	74.2	55.3	67	59.8	56.6	0	72.6	0	72.9	74	70	Y	-0.2	N	Y	6.7	Y	Y
R TH5	2	25.6	Assessed Residential NSRs in Liantang EIA	73.6	74.5	55.5	67.3	60.5	57.8	0	72.9	0	73.2	74.3	70	Y	-0.2	N	Y	6.7	Y	Y
R TH6	1	18.5	Assessed Residential NSRs in Liantang EIA	73.8	74.5	51.7	69.7	59.3	54.4	0	72.2	0	72.5	74.4	70	Y	-0.1	N	Y	4.6	Y	Y
R TH6	2	21.5	Assessed Residential NSRs in Liantang EIA	74	74.7	51.8	69.8	59.9	55.4	0	72.3	0	72.6	74.5	70	Y	-0.2	N	Y	4.6	Y	Y
R KT1	1	16.7	Assessed Residential NSRs in Liantang EIA	66.1	68.9	54.8	65.1	53.6	48.7	0	66.1	0	66.4	69	70	N	0.1	N	N	3.5	Y	N
R KT1	2	19.7	Assessed Residential NSRs in Liantang EIA	68.5	71	55.7	66	54.9	50.6	0	68.3	0	68.5	70.6	70	Y	-0.4	N	N	4.2	Y	Y
R KT2	1	18.4	Assessed Residential NSRs in Liantang EIA	73.7	75.9	55.7	60.4	60.7	36.2	0	76.1	45.3	76.3	76.4	70	Y	0.5	N	Y	14.7	Y	Y
R KT2	2	21.4	Assessed Residential NSRs in Liantang EIA	73.7	76	56.1	61.5	60.7	37.4	0	76.2	46	76.3	76.5	70	Y	0.5	N	Y	13.9	Y	Y
R KT3	1	18.3	Assessed Residential NSRs in Liantang EIA	69.7	71.5	66.3	65	59.7	41	0	68.1	29.1	68.7	71.7	70	Y	0.2	N	N	3.0	Y	Y
R KLHSW	1	20.8	Assessed Residential NSRs in Liantang EIA	74.7	77.8	49.9	57.7	56.1	31.7	0	78.4	56.3	78.4	78.5	70	Y	0.7	N	Y	20.1	Y	Y
R KLHSW	2	23.8	Assessed Residential NSRs in Liantang EIA	74.8	77.9	50.4	58.5	56.1	33.4	0	78.4	58	78.5	78.5	70	Y	0.6	N	Y	19.4	Y	Y
R SR7N	1	21.3	Assessed Residential NSRs in Fanling Highway EP	74.2	74.7	61.3	72.6	60.5	53.9	0	69.6	0	70.2	74.8	70	Y	0.1	N	N	1.9	Y	Y
R SR7N	2	24.3	Assessed Residential NSRs in Fanling Highway EP	74.3	74.8	61.5	72.7	61	54.9	0	69.7	0	70.4	74.9	70	Y	0.1	N	N	1.9	Y	Y
R SR7N	3	27.3	Assessed Residential NSRs in Fanling Highway EP	74.5	75.1	61.7	72.8	61.7	55.7	0	70	0	70.7	75.1	70	Y	0.0	N	Y	2.0	Y	Y
R SR77	1	22.7	Assessed Residential NSRs in Fanling Highway EP	76.2	79.9	35.2	53.7	52.6	0	0	80.4	54.7	80.5	80.5	70	Y	0.6	N	Y	26.7	Y	Y
R SR77	2	25.7	Assessed Residential NSRs in Fanling Highway EP	76.4	80.1	36.9	54.4	52.5	0	0	80.5	55.3	80.5	80.5	70	Y	0.4	N	Y	26.0	Y	Y
R SR77	3	28.7	Assessed Residential NSRs in Fanling Highway EP	76.6	80.4	39	55.1	52.5	0	0	80.8	55.6	80.8	80.8	70	Y	0.4	N	Y	25.6	Y	Y
R FLNBP1	1	15.5	Residental NSRs	69.9	70	67	65.5	61.2	40.9	0	40.9	0	61.3	70	70	N	0.0	N	N	0.7	N	N
R FLNBP1	2	18.5	Residental NSRs	69.9	70	67	65.5	62	41.8	0	41.1	0	62.1	70.1	70	N	0.1	N	N	0.8	N	N
R FLNBP1	3	21.5	Residental NSRs	70	70	67	65.5	62.8	42.8	0	41.3	0	62.9	70.2	70	N	0.2	N	N	0.9	N	N
R WHS1	1	22.4	Assessed Residential NSRs in Fanling Highway EP	76.6	78.4	36	65	59.7	64.8	0	78	0	78.2	78.4	70	Y	0.0	N	Y	13.4	Y	Y
R WHS1	2	25.4	Assessed Residential NSRs in Fanling Highway EP	80	81.9	37.6	67.2	60.5	72.1	0	81.1	0	81.7	81.8	70	Y	-0.1	N	Y	14.6	Y	Y
R NWP1	1	23.3	Assessed Residential NSRs in Liantang EIA	62.9	67.6	38	60.8	43.3	0	0	67	43.5	67.1	68	70	N	0.4	N	N	7.2	Y	N
R NWP1	2	26.3	Assessed Residential NSRs in Liantang EIA	63.3	68.6	39.6	62.9	44.3	0	0	67.2	45.2	67.2	68.6	70	N	0.0	N	N	5.7	Y	N
R NWP2	1	21.6	Assessed Residential NSRs in Liantang EIA	64.7	69	0	48.7	0	0	0	69.7	40.1	69.7	69.7	70	N	0.7	N	N	21.0	Y	N
R NWP2	2	24.6	Assessed Residential NSRs in Liantang EIA	65.9	70.1	0	50.2	0	0	0	70.3	41.6	70.3	70.3	70	N	0.2	N	N	20.1	Y	N
R SR8	1	14.3	Assessed Residential NSRs in Fanling Highway EP	71.5	71.7	66	66.6	52	65.8	0	64.5	0	68.3	71.9	70	Y	0.2	N	N	2.6	Y	Y
R SR8	2	17.3	Assessed Residential NSRs in Fanling Highway EP	71.9	72.1	66.3	66.9	54.4	65.9	0	65.2	0	68.7	72.2	70	Y	0.1	N	N	2.6	Y	Y
R SR12	1	23.3	Assessed Residential NSRs in Fanling Highway EP	62.9	67.6	38.2	61	43.6	0	0	67	42.9	67	68	70	N	0.4	N	N	7.0	Y	N
R SR12	2	26.3	Assessed Residential NSRs in Fanling Highway EP	63.2	68.9	39.9	63.5	44.6	0	0	67.2	44.8	67.2	68.8	70	N	-0.1	N	N	5.3	Y	N
R SR12	3	29.3	Assessed Residential NSRs in Fanling Highway EP	63.7	71.6	41.9	67.1	45.4	0	0	67.4	46.8	67.5	70.3	70	N	-1.3	N	N	3.2	Y	N

Note: [1] Other Roads refer to planned road projects carried out by others such as Development of Lok Ma Chau Loop, Liantang / Heung Yuen Wai Boundary Control Point and Associated Works, Widening of Tolo Highway/Fanling Highway etc.
[2] For landuse planned under NDA project, mitigation measures are required to mitigate the noise level to within noise criteria.
[3] For existing and planned NSRs outside and within the non-development area of NDA, Direct Mitigation Measures will be required when "With Project Overall Noise Level exceeds Noise Criteria" AND, either "With Project - Without Project Overall Noise Level > 1dB(A)" or "New Roads exceeds Noise Criteria"

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT															
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A)	*PD*	*DD*	*OTHER*	*EX*	*TR*	dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	C - A dB(A) [D]	D > 1dB(A)	B > Criteria	New Roads Contribution dB(A) [E]	E > 1dB(A)	
R7001	1	8.6	B2-7 Social Welfares	-	21.5	0	35.4	24.1	60.7	0	0	60.7	60.7	70	N	-	-	-	-	-	N
R7002	1	8.6	B2-7 Social Welfares	-	24.5	0	0	0	43.4	0	0	43.4	43.4	70	N	-	-	-	-	-	N
R7003	1	8.6	B2-7 Social Welfares	-	36.6	0	44.9	0	58.6	0	0	58.7	58.8	70	N	-	-	-	-	-	N
R7004	1	8.6	B2-7 Social Welfares	-	40.9	0	40.8	20.6	68.6	0	0	68.6	68.6	70	N	-	-	-	-	-	N
R7005	1	8.6	B2-7 Social Welfares	-	22.4	0	27.5	53.4	47.2	0	0	54.3	54.3	70	N	-	-	-	-	-	N
R7006	1	8.6	B2-7 Social Welfares	-	31.7	0	0	51	52.7	0	0	54.9	54.9	70	N	-	-	-	-	-	N
R7007	1	8.6	B2-7 Social Welfares	-	32.9	0	32	0	46.2	0	0	46.3	46.5	70	N	-	-	-	-	-	N
R7008	1	8.6	B2-7 Social Welfares	-	37	0	34.6	14.7	49.9	0	0	50	50.2	70	N	-	-	-	-	-	N
R7009	1	8.6	B2-7 Social Welfares	-	0.8	0	28.2	17.3	45.7	0	0	45.8	45.8	70	N	-	-	-	-	-	N
R7009	2	13.1	B2-7 Social Welfares	-	0.8	0	29	18.1	45.7	0	0	45.8	45.8	70	N	-	-	-	-	-	N
R7009	3	17.6	B2-7 Social Welfares	-	0.8	0	29.9	19.1	45.7	0	0	45.8	45.8	70	N	-	-	-	-	-	N
R7009	4	22.1	B2-7 Social Welfares	-	0.8	0	31	20.4	45.7	0	0	45.8	45.8	70	N	-	-	-	-	-	N
R7010	1	8.6	B2-7 Social Welfares	-	39.7	0	31.6	10.2	61.4	0	0	61.4	61.4	70	N	-	-	-	-	-	N
R7010	2	13.1	B2-7 Social Welfares	-	40.2	0	33.6	10.3	61.3	0	0	61.3	61.4	70	N	-	-	-	-	-	N
R7010	3	17.6	B2-7 Social Welfares	-	40.9	0	35.7	10.3	61.2	0	0	61.2	61.2	70	N	-	-	-	-	-	N
R7010	4	22.1	B2-7 Social Welfares	-	41.8	0	38.3	10.3	61	0	0	61.1	61.1	70	N	-	-	-	-	-	N
R7011	1	8.6	B2-7 Social Welfares	-	53.6	0	50.6	0	68.3	0	0	68.4	68.5	70	N	-	-	-	-	-	N
R7011	2	13.1	B2-7 Social Welfares	-	53.9	0	50.6	0	68	0	0	68.1	68.3	70	N	-	-	-	-	-	N
R7011	3	17.6	B2-7 Social Welfares	-	54.5	0	50.6	0	67.6	0	0	67.7	67.9	70	N	-	-	-	-	-	N
R7011	4	22.1	B2-7 Social Welfares	-	55.1	0	50.7	0	67	0	0	67.1	67.4	70	N	-	-	-	-	-	N
R7012	1	8.6	B2-7 Social Welfares	-	54	0	40.3	22.4	70.9	0	0	70.9	71	70	**Y**	-	-	-	-	-	**Y**
R7012	2	13.1	B2-7 Social Welfares	-	54.3	0	43	24.2	70.4	0	0	70.4	70.5	70	**Y**	-	-	-	-	-	**Y**
R7012	3	17.6	B2-7 Social Welfares	-	54.7	0	46.1	26.3	69.6	0	0	69.6	69.7	70	N	-	-	-	-	-	N
R7012	4	22.1	B2-7 Social Welfares	-	55.8	0	49.8	28.6	68.8	0	0	68.9	69.1	70	N	-	-	-	-	-	N
R7013	1	8.6	B2-7 Social Welfares	-	0	0	38.6	22.2	61.4	0	0	61.4	61.4	70	N	-	-	-	-	-	N
R7013	2	13.1	B2-7 Social Welfares	-	0	0	40.8	23.9	61.4	0	0	61.4	61.4	70	N	-	-	-	-	-	N
R7013	3	17.6	B2-7 Social Welfares	-	0	0	42.9	25.9	61.2	0	0	61.3	61.3	70	N	-	-	-	-	-	N
R7013	4	22.1	B2-7 Social Welfares	-	0	0	45.5	28.2	61	0	0	61.1	61.1	70	N	-	-	-	-	-	N
R7014	1	8.6	B2-7 Social Welfares	-	0.1	0	32.3	11.5	49.5	0	0	49.6	49.6	70	N	-	-	-	-	-	N
R7014	2	13.1	B2-7 Social Welfares	-	0.1	0	33.4	11.5	49.5	0	0	49.6	49.6	70	N	-	-	-	-	-	N
R7014	3	17.6	B2-7 Social Welfares	-	0.1	0	34.6	11.5	49.5	0	0	49.7	49.7	70	N	-	-	-	-	-	N
R7014	4	22.1	B2-7 Social Welfares	-	0.1	0	36.1	11.5	49.5	0	0	49.7	49.7	70	N	-	-	-	-	-	N
R7051	1	9.0	B2-12 Social Welfares	-	20.7	0	8.2	53.3	48.1	0	0	54.4	54.4	70	N	-	-	-	-	-	N
R7052	1	9.0	B2-12 Social Welfares	-	36.8	0	17.3	51.2	47.1	0	0	52.6	52.7	70	N	-	-	-	-	-	N
R7053	1	9.0	B2-12 Social Welfares	-	27.7	0	20.1	7.2	43.6	0	0	43.6	43.7	70	N	-	-	-	-	-	N
R7054	1	9.0	B2-12 Social Welfares	-	40.6	0	8.4	53.1	53.6	0	0	56.4	56.5	70	N	-	-	-	-	-	N
R7055	1	9.0	B2-12 Social Welfares	-	19.7	0	0	55.7	60.1	0	0	61.4	61.4	70	N	-	-	-	-	-	N
R7056	1	9.0	B2-12 Social Welfares	-	27.8	0	0	55.1	66.1	0	0	66.4	66.4	70	N	-	-	-	-	-	N
R7057	1	9.0	B2-12 Social Welfares	-	22.9	0	0	8.4	54.2	0	0	54.2	54.2	70	N	-	-	-	-	-	N
R7058	1	9.0	B2-12 Social Welfares	-	22.1	0	0	52.8	34.8	0	0	52.9	52.9	70	N	-	-	-	-	-	N
R7059	1	9.0	B2-12 Social Welfares	-	18.2	0	0	20	58.8	0	0	58.8	58.8	70	N	-	-	-	-	-	N
R7059	2	13.5	B2-12 Social Welfares	-	18.2	0	0	20	58.8	0	0	58.8	58.8	70	N	-	-	-	-	-	N
R7059	3	18.0	B2-12 Social Welfares	-	18.2	0	0	20	58.7	0	0	58.7	58.7	70	N	-	-	-	-	-	N
R7059	4	22.5	B2-12 Social Welfares	-	18.1	0	0	19.9	58.5	0	0	58.5	58.5	70	N	-	-	-	-	-	N
R7060	1	9.0	B2-12 Social Welfares	-	30.8	0	0	17.4	68.1	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R7060	2	13.5	B2-12 Social Welfares	-	32.7	0	0	17.5	67.9	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R7060	3	18.0	B2-12 Social Welfares	-	35.4	0	0	17.5	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R7060	4	22.5	B2-12 Social Welfares	-	40.5	0	0	17.5	67	0	0	67	67	70	N	-	-	-	-	-	N
R7061	1	9.0	B2-12 Social Welfares	-	43.8	0	41.1	0	68.1	0	0	68.1	68.1	70	N	-	-	-	-	-	N
R7061	2	13.5	B2-12 Social Welfares	-	44.5	0	41.7	0	67.9	0	0	67.9	67.9	70	N	-	-	-	-	-	N
R7061	3	18.0	B2-12 Social Welfares	-	46.1	0	42.2	0	67.4	0	0	67.4	67.5	70	N	-	-	-	-	-	N
R7061	4	22.5	B2-12 Social Welfares	-	47.8	0	42.5	0	66.9	0	0	66.9	67	70	N	-	-	-	-	-	N
R7062	1	9.0	B2-12 Social Welfares	-	45.6	0	32.8	9.5	61.7	0	0	61.7	61.8	70	N	-	-	-	-	-	N
R7062	2	13.5	B2-12 Social Welfares	-	45.8	0	34.7	9.5	61.7	0	0	61.7	61.8	70	N	-	-	-	-	-	N
R7062	3	18.0	B2-12 Social Welfares	-	46.1	0	36.5	9.5	61.5	0	0	61.5	61.6	70	N	-	-	-	-	-	N
R7062	4	22.5	B2-12 Social Welfares	-	46.5	0	38.1	9.5	61.3	0	0	61.4	61.5	70	N	-	-	-	-	-	N
R7063	1	9.0	B2-12 Social Welfares	-	19.3	0	0	9.5	44.5	0	0	44.5	44.5	70	N	-	-	-	-	-	N
R7063	2	13.5	B2-12 Social Welfares	-	19.3	0	0	9.5	44.5	0	0	44.5	44.5	70	N	-	-	-	-	-	N
R7063	3	18.0	B2-12 Social Welfares	-	19.3	0	0	9.5	44.5	0	0	44.5	44.5	70	N	-	-	-	-	-	N
R7063	4	22.5	B2-12 Social Welfares	-	19.2	0	0	9.5	44.5	0	0	44.5	44.5	70	N	-	-	-	-	-	N
R7064	1	9.0	B2-12 Social Welfares	-	33.6	0	0	17.5	47.4	0	0	47.4	47.6	70	N	-	-	-	-	-	N
R7064	2	13.5	B2-12 Social Welfares	-	33.6	0	0	17.5	47.4	0	0	47.4	47.6	70	N	-	-	-	-	-	N
R7064	3	18.0	B2-12 Social Welfares	-	33.6	0	0	17.5	47.4	0	0	47.4	47.6	70	N	-	-	-	-	-	N
R7064	4	22.5	B2-12 Social Welfares	-	33.6	0	0	17.4	47.4	0	0	47.4	47.6	70	N	-	-	-	-	-	N
R7101	1	8.9	B3-3 Social Welfares	-	13.7	0	0	50.8	60.7	0	0	61.1	61.1	70	N	-	-	-	-	-	N
R7102	1	8.9	B3-3 Social Welfares	-	26.6	0	0	51.4	55.3	0	0	56.8	56.8	70	N	-	-	-	-	-	N
R7103	1	8.9	B3-3 Social Welfares	-	24.6	0	0	0	49.8	0	0	49.8	49.8	70	N	-	-	-	-	-	N
R7104	1	8.9	B3-3 Social Welfares	-	38	0	0	51.9	66.7	0	0	66.9	66.9	70	N	-	-	-	-	-	N
R7105	1	8.9	B3-3 Social Welfares	-	7.2	0	0	54.5	64.1	0	0	64.5	64.5	70	N	-	-	-	-	-	N
R7106	1	8.9	B3-3 Social Welfares	-	24	0	0	44.4	65.2	0	0	65.3	65.3	70	N	-	-	-	-	-	N
R7107	1	8.9	B3-3 Social Welfares	-	28.4	0	0	0	54.7	0	0	54.7	54.7	70	N	-	-	-	-	-	N
R7108	1	8.9	B3-3 Social Welfares	-	36.5	0	0	50.3	54.4	0	0	55.8	55.9	70	N	-	-	-	-	-	N
R7109	1	8.9	B3-3 Social Welfares	-	6.3	0	0	43	58.5	0	0	58.6	58.6	70	N	-	-	-	-	-	N
R7109	2	13.4	B3-3 Social Welfares	-	6.3	0	0	43.6	58.4	0	0	58.5	58.5	70	N	-	-	-	-	-	N
R7109	3	17.9	B3-3 Social Welfares	-	6.2	0	0	44.4	58.3	0	0	58.5	58.5	70	N	-	-	-	-	-	N
R7109	4	22.4	B3-3 Social Welfares	-	6.2	0	0	44.7	58.1	0	0	58.3	58.3	70	N	-	-	-	-	-	N
R7110	1	8.9	B3-3 Social Welfares	-	37.3	0	0	42.1	67.7	0	0	67.7	67.7	70	N	-	-	-	-	-	N
R7110	2	13.4	B3-3 Social Welfares	-	39.8	0	0	43	67.3	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R7110	3	17.9	B3-3 Social Welfares	-	44.6	0	0	44.5	66.7	0	0	66.7	66.7	70	N	-	-	-	-	-	N
R7110	4	22.4	B3-3 Social Welfares	-	48.3	0	0	45.2	66.2	0	0	66.2	66.3	70	N	-	-	-	-	-	N
R7111	1	8.9	B3-3 Social Welfares	-	44.5	0	0	0	67.3	0	0	67.3	67.3	70	N	-	-	-	-	-	N
R7111	2	13.4	B3-3 Social Welfares	-	45.8	0	0	0	67.1	0	0	67.1	67.2	70	N	-	-	-	-	-	N
R7111	3	17.9	B3-3 Social Welfares	-	47.4	0	0	0	66.8	0	0	66.8	66.9	70	N	-	-	-	-	-	N
R7111	4	22.4	B3-3 Social Welfares	-	49.8	0	0	0	66.4	0	0	66.4	66.5	70	N	-	-	-	-	-	N
R7112	1	8.9	B3-3 Social Welfares	-	33.1	0	0	6.5	58.3	0	0	58.3	58.3	70	N	-	-	-	-	-	N
R7112	2	13.4	B3-3 Social Welfares	-	34.6	0	0	6.5	58.2	0	0	58.2	58.2	70	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT									Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A) [1]	*PD*	*DD*	*OTHER*	*EX*	*TR*	dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required [2,3] (Y/N)
									dB(A)												
R7112	3	17.9	B3-3 Social Welfares	-	36.5	0	0	6.5	58.1	0	0	58.1	58.2	70	N	-	-	-	-	-	N
R7112	4	22.4	B3-3 Social Welfares	-	39.9	0	0	6.5	58.3	0	0	58.3	58.3	70	N	-	-	-	-	-	N
R7113	1	8.9	B3-3 Social Welfares	-	22	0	0	37.9	56.9	0	0	56.9	56.9	70	N	-	-	-	-	-	N
R7113	2	13.4	B3-3 Social Welfares	-	25.5	0	0	38.4	56.9	0	0	56.9	56.9	70	N	-	-	-	-	-	N
R7113	3	17.9	B3-3 Social Welfares	-	31.4	0	0	39.2	56.8	0	0	56.9	56.9	70	N	-	-	-	-	-	N
R7113	4	22.4	B3-3 Social Welfares	-	40.3	0	0	39.4	56.8	0	0	56.9	57	70	N	-	-	-	-	-	N
R7114	1	8.9	B3-3 Social Welfares	-	38.5	0	0	0	66	0	0	66	66	70	N	-	-	-	-	-	N
R7114	2	13.4	B3-3 Social Welfares	-	40.3	0	0	0	65.9	0	0	65.9	65.9	70	N	-	-	-	-	-	N
R7114	3	17.9	B3-3 Social Welfares	-	42.5	0	0	0	65.7	0	0	65.7	65.8	70	N	-	-	-	-	-	N
R7114	4	22.4	B3-3 Social Welfares	-	45.3	0	0	0	65.5	0	0	65.5	65.5	70	N	-	-	-	-	-	N
R7115	1	8.9	B3-3 Social Welfares	-	39.8	0	0	0	68	0	0	68	68	70	N	-	-	-	-	-	N
R7115	2	13.4	B3-3 Social Welfares	-	40.1	0	0	0	67.8	0	0	67.8	67.8	70	N	-	-	-	-	-	N
R7115	3	17.9	B3-3 Social Welfares	-	40.6	0	0	0	67.5	0	0	67.5	67.5	70	N	-	-	-	-	-	N
R7115	4	22.4	B3-3 Social Welfares	-	41.3	0	0	0	67	0	0	67	67	70	N	-	-	-	-	-	N
R7116	1	8.9	B3-3 Social Welfares	-	17.5	0	0	29.4	60.8	0	0	60.8	60.8	70	N	-	-	-	-	-	N
R7116	2	13.4	B3-3 Social Welfares	-	17.5	0	0	29.4	60.7	0	0	60.7	60.7	70	N	-	-	-	-	-	N
R7116	3	17.9	B3-3 Social Welfares	-	17.5	0	0	29.4	60.6	0	0	60.6	60.6	70	N	-	-	-	-	-	N
R7116	4	22.4	B3-3 Social Welfares	-	17.5	0	0	29.4	60.4	0	0	60.4	60.4	70	N	-	-	-	-	-	N
R7117	1	8.9	B3-3 Social Welfares	-	6.7	0	0	44.5	52.1	0	0	52.8	52.8	70	N	-	-	-	-	-	N
R7117	2	13.4	B3-3 Social Welfares	-	6.7	0	0	45.2	52.1	0	0	52.9	52.9	70	N	-	-	-	-	-	N
R7117	3	17.9	B3-3 Social Welfares	-	6.7	0	0	45.6	52	0	0	52.9	52.9	70	N	-	-	-	-	-	N
R7117	4	22.4	B3-3 Social Welfares	-	6.7	0	0	45.8	52	0	0	52.9	52.9	70	N	-	-	-	-	-	N
R7201	1	9.0	C2-6 Social Welfares	-	56	0	0	55.2	67	0	0	67.3	67.6	70	N	-	-	-	-	-	N
R7201	2	13.0	C2-6 Social Welfares	-	56	0	0	55.2	67	0	0	67.3	67.6	70	N	-	-	-	-	-	N
R7201	3	17.0	C2-6 Social Welfares	-	56	0	0	55.2	66.9	0	0	67.2	67.5	70	N	-	-	-	-	-	N
R7201	4	21.0	C2-6 Social Welfares	-	56	0	0	55.2	66.8	0	0	67.1	67.5	70	N	-	-	-	-	-	N
R7201	5	25.0	C2-6 Social Welfares	-	56	0	0	55.3	66.7	0	0	67	67.3	70	N	-	-	-	-	-	N
R7202	1	9.0	C2-6 Social Welfares	-	0	0	50.7	64.7	58	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R7202	2	13.0	C2-6 Social Welfares	-	0	0	50.7	64.7	58	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R7202	3	17.0	C2-6 Social Welfares	-	0	0	50.6	64.7	58.1	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R7202	4	21.0	C2-6 Social Welfares	-	0	0	50.4	64.7	58.1	0	0	65.7	65.7	70	N	-	-	-	-	-	N
R7202	5	25.0	C2-6 Social Welfares	-	0	0	50.2	64.7	58.1	0	0	65.6	65.6	70	N	-	-	-	-	-	N
R7203	1	9.0	C2-6 Social Welfares	-	57.4	0	55.5	60.6	63.3	0	0	65.6	66.2	70	N	-	-	-	-	-	N
R7203	2	13.0	C2-6 Social Welfares	-	57.4	0	55.8	60.6	63.3	0	0	65.6	66.2	70	N	-	-	-	-	-	N
R7203	3	17.0	C2-6 Social Welfares	-	57.4	0	56	60.5	63.2	0	0	65.6	66.2	70	N	-	-	-	-	-	N
R7203	4	21.0	C2-6 Social Welfares	-	57.4	0	56	60.5	63.2	0	0	65.6	66.2	70	N	-	-	-	-	-	N
R7203	5	25.0	C2-6 Social Welfares	-	57.5	0	56	60.5	63.1	0	0	65.5	66.2	70	N	-	-	-	-	-	N
R7204	1	9.0	C2-6 Social Welfares	-	60.5	0	0	0	71.2	0	0	71.2	71.5	70	**Y**	-	-	-	-	-	**Y**
R7204	2	13.0	C2-6 Social Welfares	-	60.5	0	0	0	71.1	0	0	71.1	71.5	70	**Y**	-	-	-	-	-	**Y**
R7204	3	17.0	C2-6 Social Welfares	-	60.6	0	0	0	71	0	0	71	71.3	70	**Y**	-	-	-	-	-	**Y**
R7204	4	21.0	C2-6 Social Welfares	-	60.7	0	0	0	70.7	0	0	70.7	71.1	70	**Y**	-	-	-	-	-	**Y**
R7204	5	25.0	C2-6 Social Welfares	-	60.7	0	0	0	70.5	0	0	70.5	70.9	70	**Y**	-	-	-	-	-	**Y**
R7451	1	10.0	D2-9 Social Welfares	-	0	0	62.9	0	57.8	0	0	64.1	64.1	55	**Y**	-	-	-	-	-	**Y**
R7452	1	10.0	D2-9 Social Welfares	-	13.3	0	61.3	6.4	52	0	0	61.8	61.8	55	**Y**	-	-	-	-	-	**Y**
R7453	1	10.0	D2-9 Social Welfares	-	17.2	0	33.8	16.7	57.5	0	0	57.6	57.6	55	**Y**	-	-	-	-	-	**Y**
R7454	1	10.0	D2-9 Social Welfares	-	18.6	0	58.2	16.5	60.1	0	0	62.2	62.2	55	**Y**	-	-	-	-	-	**Y**
R7455	1	10.0	D2-9 Social Welfares	-	0	0	59.6	15.3	54.8	0	0	60.9	60.9	55	**Y**	-	-	-	-	-	**Y**
R7456	1	10.0	D2-9 Social Welfares	-	0	0	64.5	0	53.2	0	0	64.8	64.8	55	**Y**	-	-	-	-	-	**Y**
R7457	1	10.0	D2-9 Social Welfares	-	20.9	0	59.2	6.9	48.8	0	0	59.6	59.6	55	**Y**	-	-	-	-	-	**Y**
R7458	1	10.0	D2-9 Social Welfares	-	21.6	0	49.3	16.4	48.1	0	0	51.7	51.7	55	N	-	-	-	-	-	N
R7459	1	10.0	D2-9 Social Welfares	-	0	0	59.8	9.5	49	0	0	60.2	60.2	55	**Y**	-	-	-	-	-	**Y**
R7460	1	10.0	D2-9 Social Welfares	-	0	0	66.3	7.7	49.8	0	0	66.4	66.4	55	**Y**	-	-	-	-	-	**Y**
R7461	1	10.0	D2-9 Social Welfares	-	22.9	0	64	9.1	51.5	0	0	64.2	64.2	55	**Y**	-	-	-	-	-	**Y**
R7462	1	10.0	D2-9 Social Welfares	-	22	0	45.3	0	56.6	0	0	56.9	56.9	55	**Y**	-	-	-	-	-	**Y**
R7463	1	10.0	D2-9 Social Welfares	-	0	0	56.2	40.1	52.7	0	0	57.9	57.9	55	**Y**	-	-	-	-	-	**Y**
R7464	1	10.0	D2-9 Social Welfares	-	0	0	55.1	7.6	42.5	0	0	55.4	55.4	55	N	-	-	-	-	-	N
R7465	1	10.0	D2-9 Social Welfares	-	24.3	0	54.9	7.2	58	0	0	59.8	59.8	55	**Y**	-	-	-	-	-	**Y**
R7466	1	10.0	D2-9 Social Welfares	-	32.9	0	48.9	10.9	63.7	0	0	63.8	63.8	55	**Y**	-	-	-	-	-	**Y**
R7467	1	10.0	D2-9 Social Welfares	-	0	0	50.7	0	61	0	0	61.4	61.4	55	**Y**	-	-	-	-	-	**Y**
R7468	1	10.0	D2-9 Social Welfares	-	0	0	60.1	0	20.2	0	0	60.1	60.1	55	**Y**	-	-	-	-	-	**Y**
R7469	1	10.0	D2-9 Social Welfares	-	25.5	0	58.5	9.2	56.3	0	0	60.5	60.5	55	**Y**	-	-	-	-	-	**Y**
R7470	1	10.0	D2-9 Social Welfares	-	23.3	0	44.1	5.3	44.2	0	0	47.2	47.2	55	N	-	-	-	-	-	N
R7471	1	10.0	D2-9 Social Welfares	-	0	0	60.7	0	43.5	0	0	60.8	60.8	55	**Y**	-	-	-	-	-	**Y**
R7472	1	10.0	D2-9 Social Welfares	-	16.9	0	68.4	11	41.7	0	0	68.4	68.4	55	**Y**	-	-	-	-	-	**Y**
R7473	1	10.0	D2-9 Social Welfares	-	28.1	0	64.4	9.7	32.5	0	0	64.4	64.4	55	**Y**	-	-	-	-	-	**Y**
R7474	1	10.0	D2-9 Social Welfares	-	42.1	0	25.2	6.6	34.4	0	0	34.9	42.9	55	N	-	-	-	-	-	N
R7475	1	10.0	D2-9 Social Welfares	-	39.2	0	62.8	0	31.6	0	0	62.8	62.8	55	**Y**	-	-	-	-	-	**Y**
R7476	1	10.0	D2-9 Social Welfares	-	49.5	0	69	12.3	0	0	0	69	69	55	**Y**	-	-	-	-	-	**Y**
R7477	1	10.0	D2-9 Social Welfares	-	47.6	0	62.6	11.1	47.9	0	0	62.8	62.9	55	**Y**	-	-	-	-	-	**Y**
R7478	1	10.0	D2-9 Social Welfares	-	46.4	0	20.4	0	57.8	0	0	57.8	58.1	55	**Y**	-	-	-	-	-	**Y**
R7479	1	10.0	D2-9 Social Welfares	-	47.5	0	62.4	0	54	0	0	62.9	63.1	55	**Y**	-	-	-	-	-	**Y**
R7480	1	10.0	D2-9 Social Welfares	-	57.4	0	69.3	13.4	0	0	0	69.3	69.5	55	**Y**	-	-	-	-	-	**Y**
R7481	1	10.0	D2-9 Social Welfares	-	57.2	0	64.2	13.9	56.3	0	0	64.9	65.6	55	**Y**	-	-	-	-	-	**Y**
R7482	1	10.0	D2-9 Social Welfares	-	48.9	0	9.1	0	55	0	0	55	56	55	**Y**	-	-	-	-	-	**Y**
R7483	1	10.0	D2-9 Social Welfares	-	48.8	0	58.3	13.4	0	0	0	58.3	58.7	55	**Y**	-	-	-	-	-	**Y**
R7484	1	10.0	D2-9 Social Welfares	-	52.1	0	55.6	14.1	61.8	0	0	62.7	63.1	55	**Y**	-	-	-	-	-	**Y**
R7485	1	10.0	D2-9 Social Welfares	-	52.6	0	0	0	69.3	0	0	69.3	69.4	55	**Y**	-	-	-	-	-	**Y**
R7486	1	10.0	D2-9 Social Welfares	-	43.8	0	50	0	63.3	0	0	63.5	63.5	55	**Y**	-	-	-	-	-	**Y**
R7487	1	10.0	D2-9 Social Welfares	-	46.5	0	51.3	11.8	62.9	0	0	63.2	63.2	55	**Y**	-	-	-	-	-	**Y**
R7487	2	14.5	D2-9 Social Welfares	-	47.1	0	51.7	11.8	62.8	0	0	63.2	63.3	55	**Y**	-	-	-	-	-	**Y**
R7487	3	19.0	D2-9 Social Welfares	-	47.6	0	52.1	11.8	62.8	0	0	63.2	63.3	55	**Y**	-	-	-	-	-	**Y**
R7487	4	23.5	D2-9 Social Welfares	-	48	0	52.7	11.8	62.8	0	0	63.2	63.3	55	**Y**	-	-	-	-	-	**Y**
R7488	1	10.0	D2-9 Social Welfares	-	53.3	0	0	0	73.7	0	0	73.7	73.8	55	**Y**	-	-	-	-	-	**Y**
R7488	2	14.5	D2-9 Social Welfares	-	53.7	0	0	0	73.6	0	0	73.6	73.6	55	**Y**	-	-	-	-	-	**Y**
R7488	3	19.0	D2-9 Social Welfares	-	54.1	0	0	0	73.2	0	0	73.2	73.2	55	**Y**	-	-	-	-	-	**Y**
R7488	4	23.5	D2-9 Social Welfares	-	54.4	0	0	0	72.7	0	0	72.7	72.8	55	**Y**	-	-	-	-	-	**Y**

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT									Noise	Exceedance	Check Project Impact Significance		Check Direct Mitigation			Mitigation
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Criteria	C > Criteria	C - A	D	B > Criteria	New Roads Contribution	E	Measures
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A)	*PD*	*DD*	*OTHER*	*EX*	*TR*	dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	Required[2,3] (Y/N)
R7489	1	10.0	D2-9 Social Welfares	-	0	0	50.1	0	66.9	0	0	67	67	55	Y	-	-	-	-	-	Y
R7489	2	14.5	D2-9 Social Welfares	-	0	0	51	0	66.8	0	0	67	67	55	Y	-	-	-	-	-	Y
R7489	3	19.0	D2-9 Social Welfares	-	0	0	51.9	0	66.8	0	0	66.9	66.9	55	Y	-	-	-	-	-	Y
R7489	4	23.5	D2-9 Social Welfares	-	0	0	52.6	0	66.6	0	0	66.8	66.8	55	Y	-	-	-	-	-	Y
R7490	1	10.0	D2-9 Social Welfares	-	0	0	52.5	10.7	59.8	0	0	60.6	60.6	55	Y	-	-	-	-	-	Y
R7490	2	14.5	D2-9 Social Welfares	-	0	0	53.6	13	59.8	0	0	60.7	60.7	55	Y	-	-	-	-	-	Y
R7490	3	19.0	D2-9 Social Welfares	-	0	0	54.7	16	59.8	0	0	61	61	55	Y	-	-	-	-	-	Y
R7490	4	23.5	D2-9 Social Welfares	-	0	0	55.7	19.9	59.8	0	0	61.2	61.2	55	Y	-	-	-	-	-	Y
R7491	1	10.0	D2-9 Social Welfares	-	21	0	58.6	9.8	38.2	0	0	58.6	58.6	55	Y	-	-	-	-	-	Y
R7491	2	14.5	D2-9 Social Welfares	-	21.1	0	59.2	9.8	38.2	0	0	59.2	59.2	55	Y	-	-	-	-	-	Y
R7491	3	19.0	D2-9 Social Welfares	-	21	0	59.9	9.8	38.2	0	0	59.9	59.9	55	Y	-	-	-	-	-	Y
R7491	4	23.5	D2-9 Social Welfares	-	21	0	60.4	9.8	38.2	0	0	60.5	60.5	55	Y	-	-	-	-	-	Y
R7492	1	10.0	D2-9 Social Welfares	-	22	0	59.7	10.8	0	0	0	59.7	59.7	55	Y	-	-	-	-	-	Y
R7492	2	14.5	D2-9 Social Welfares	-	22	0	60.2	10.8	0	0	0	60.2	60.2	55	Y	-	-	-	-	-	Y
R7492	3	19.0	D2-9 Social Welfares	-	22	0	60.8	10.8	0	0	0	60.8	60.8	55	Y	-	-	-	-	-	Y
R7492	4	23.5	D2-9 Social Welfares	-	22	0	61.3	10.8	0	0	0	61.3	61.3	55	Y	-	-	-	-	-	Y
R7493	1	10.0	D2-9 Social Welfares	-	25.4	0	54.2	8.9	61.8	0	0	62.5	62.5	55	Y	-	-	-	-	-	Y
R7493	2	14.5	D2-9 Social Welfares	-	26.8	0	55	9.7	61.8	0	0	62.6	62.6	55	Y	-	-	-	-	-	Y
R7493	3	19.0	D2-9 Social Welfares	-	28.6	0	55.6	9.7	61.7	0	0	62.7	62.7	55	Y	-	-	-	-	-	Y
R7493	4	23.5	D2-9 Social Welfares	-	31.1	0	56.4	9.7	61.7	0	0	62.8	62.8	55	Y	-	-	-	-	-	Y
R7494	1	10.0	D2-9 Social Welfares	-	49.4	0	51.9	9.6	67.1	0	0	67.2	67.3	55	Y	-	-	-	-	-	Y
R7494	2	14.5	D2-9 Social Welfares	-	49.9	0	52.6	10.5	67	0	0	67.1	67.2	55	Y	-	-	-	-	-	Y
R7494	3	19.0	D2-9 Social Welfares	-	50.4	0	53.2	10.8	66.7	0	0	66.9	67	55	Y	-	-	-	-	-	Y
R7494	4	23.5	D2-9 Social Welfares	-	50.7	0	53.9	11	66.4	0	0	66.7	66.8	55	Y	-	-	-	-	-	Y
R7495	1	10.0	D2-9 Social Welfares	-	52	0	0	10.5	73.5	0	0	73.5	73.6	55	Y	-	-	-	-	-	Y
R7495	2	14.5	D2-9 Social Welfares	-	52.3	0	0	10.5	73.3	0	0	73.3	73.4	55	Y	-	-	-	-	-	Y
R7495	3	19.0	D2-9 Social Welfares	-	52.6	0	0	10.5	72.9	0	0	72.9	72.9	55	Y	-	-	-	-	-	Y
R7495	4	23.5	D2-9 Social Welfares	-	52.8	0	0	10.5	72.4	0	0	72.4	72.5	55	Y	-	-	-	-	-	Y
R7496	1	10.0	D2-9 Social Welfares	-	34.2	0	50.1	39.2	70.2	0	0	70.2	70.2	55	Y	-	-	-	-	-	Y
R7496	2	14.5	D2-9 Social Welfares	-	36.5	0	50.9	39.2	70.1	0	0	70.2	70.2	55	Y	-	-	-	-	-	Y
R7496	3	19.0	D2-9 Social Welfares	-	37.8	0	51.4	39.2	70	0	0	70	70	55	Y	-	-	-	-	-	Y
R7496	4	23.5	D2-9 Social Welfares	-	38.5	0	52.1	39.2	69.8	0	0	69.8	69.8	55	Y	-	-	-	-	-	Y
R7497	1	10.0	D2-9 Social Welfares	-	0	0	50	0	44.1	0	0	51	51	55	N	-	-	-	-	-	N
R7497	2	14.5	D2-9 Social Welfares	-	0	0	50.5	0	44.1	0	0	51.4	51.4	55	N	-	-	-	-	-	N
R7497	3	19.0	D2-9 Social Welfares	-	0	0	51.1	0	44.1	0	0	51.9	51.9	55	N	-	-	-	-	-	N
R7497	4	23.5	D2-9 Social Welfares	-	0	0	51.5	0	44.1	0	0	52.2	52.2	55	N	-	-	-	-	-	N
R7501	1	8.6	B2-7 Kindergarten	-	21.5	0	35.4	24.1	60.7	0	0	60.7	60.7	65	N	-	-	-	-	-	N
R7502	1	8.6	B2-7 Kindergarten	-	24.5	0	0	0	43.4	0	0	43.4	43.4	65	N	-	-	-	-	-	N
R7503	1	8.6	B2-7 Kindergarten	-	36.6	0	44.9	0	58.6	0	0	58.7	58.8	65	N	-	-	-	-	-	N
R7504	1	8.6	B2-7 Kindergarten	-	40.9	0	40.8	20.6	68.6	0	0	68.6	68.6	65	Y	-	-	-	-	-	Y
R7505	1	8.6	B2-7 Kindergarten	-	22.4	0	27.5	53.4	47.2	0	0	54.3	54.3	65	N	-	-	-	-	-	N
R7506	1	8.6	B2-7 Kindergarten	-	31.7	0	0	51	52.7	0	0	54.9	54.9	65	N	-	-	-	-	-	N
R7507	1	8.6	B2-7 Kindergarten	-	32.9	0	32	0	46.2	0	0	46.3	46.5	65	N	-	-	-	-	-	N
R7508	1	8.6	B2-7 Kindergarten	-	37	0	34.6	14.7	49.9	0	0	50	50.2	65	N	-	-	-	-	-	N
R7509	1	8.6	B2-7 Kindergarten	-	0.8	0	28.2	17.3	45.7	0	0	45.8	45.8	65	N	-	-	-	-	-	N
R7509	2	13.1	B2-7 Kindergarten	-	0.8	0	29	18.1	45.7	0	0	45.8	45.8	65	N	-	-	-	-	-	N
R7509	3	17.6	B2-7 Kindergarten	-	0.8	0	29.9	19.1	45.7	0	0	45.8	45.8	65	N	-	-	-	-	-	N
R7509	4	22.1	B2-7 Kindergarten	-	0.8	0	31	20.4	45.7	0	0	45.8	45.8	65	N	-	-	-	-	-	N
R7510	1	8.6	B2-7 Kindergarten	-	39.7	0	31.6	10.2	61.4	0	0	61.4	61.4	65	N	-	-	-	-	-	N
R7510	2	13.1	B2-7 Kindergarten	-	40.2	0	33.6	10.3	61.3	0	0	61.3	61.4	65	N	-	-	-	-	-	N
R7510	3	17.6	B2-7 Kindergarten	-	40.9	0	35.7	10.3	61.2	0	0	61.2	61.2	65	N	-	-	-	-	-	N
R7510	4	22.1	B2-7 Kindergarten	-	41.8	0	38.3	10.3	61	0	0	61.1	61.1	65	N	-	-	-	-	-	N
R7511	1	8.6	B2-7 Kindergarten	-	53.6	0	50.6	0	68.3	0	0	68.4	68.5	65	Y	-	-	-	-	-	Y
R7511	2	13.1	B2-7 Kindergarten	-	53.9	0	50.6	0	68	0	0	68.1	68.3	65	Y	-	-	-	-	-	Y
R7511	3	17.6	B2-7 Kindergarten	-	54.5	0	50.6	0	67.6	0	0	67.7	67.9	65	Y	-	-	-	-	-	Y
R7511	4	22.1	B2-7 Kindergarten	-	55.1	0	50.7	0	67	0	0	67.1	67.4	65	Y	-	-	-	-	-	Y
R7512	1	8.6	B2-7 Kindergarten	-	54	0	40.3	22.4	70.9	0	0	70.9	71	65	Y	-	-	-	-	-	Y
R7512	2	13.1	B2-7 Kindergarten	-	54.3	0	43	24.2	70.4	0	0	70.4	70.5	65	Y	-	-	-	-	-	Y
R7512	3	17.6	B2-7 Kindergarten	-	54.7	0	46.1	26.3	69.6	0	0	69.6	69.7	65	Y	-	-	-	-	-	Y
R7512	4	22.1	B2-7 Kindergarten	-	55.8	0	49.8	28.6	68.8	0	0	68.9	69.1	65	Y	-	-	-	-	-	Y
R7513	1	8.6	B2-7 Kindergarten	-	0	0	38.6	22.2	61.4	0	0	61.4	61.4	65	N	-	-	-	-	-	N
R7513	2	13.1	B2-7 Kindergarten	-	0	0	40.8	23.9	61.4	0	0	61.4	61.4	65	N	-	-	-	-	-	N
R7513	3	17.6	B2-7 Kindergarten	-	0	0	42.9	25.9	61.2	0	0	61.3	61.3	65	N	-	-	-	-	-	N
R7513	4	22.1	B2-7 Kindergarten	-	0	0	45.5	28.2	61	0	0	61.1	61.1	65	N	-	-	-	-	-	N
R7514	1	8.6	B2-7 Kindergarten	-	0.1	0	32.3	11.5	49.5	0	0	49.6	49.6	65	N	-	-	-	-	-	N
R7514	2	13.1	B2-7 Kindergarten	-	0.1	0	33.4	11.5	49.5	0	0	49.6	49.6	65	N	-	-	-	-	-	N
R7514	3	17.6	B2-7 Kindergarten	-	0.1	0	34.6	11.5	49.5	0	0	49.7	49.7	65	N	-	-	-	-	-	N
R7514	4	22.1	B2-7 Kindergarten	-	0.1	0	36.1	11.5	49.5	0	0	49.7	49.7	65	N	-	-	-	-	-	N
R7651	1	9.0	B3-6 Kindergarten	-	1.6	0	0	52.2	51.3	0	0	54.8	54.8	65	N	-	-	-	-	-	N
R7651	2	13.5	B3-6 Kindergarten	-	1.6	0	0	52.9	51.3	0	0	55.1	55.1	65	N	-	-	-	-	-	N
R7652	1	9.0	B3-6 Kindergarten	-	47.1	0	16.4	50.2	58.8	0	0	59.4	59.6	65	N	-	-	-	-	-	N
R7652	2	13.5	B3-6 Kindergarten	-	49.5	0	16.3	50.7	58.8	0	0	59.4	59.8	65	N	-	-	-	-	-	N
R7653	1	9.0	B3-6 Kindergarten	-	48.9	0	17.3	0	65.6	0	0	65.6	65.7	65	Y	-	-	-	-	-	Y
R7653	2	13.5	B3-6 Kindergarten	-	51.1	0	17.3	0	65.5	0	0	65.5	65.7	65	Y	-	-	-	-	-	Y
R7654	1	9.0	B3-6 Kindergarten	-	26.4	0	0	49	66	0	0	66.1	66.1	65	Y	-	-	-	-	-	Y
R7654	2	13.5	B3-6 Kindergarten	-	27.7	0	0	49	65.8	0	0	65.9	65.9	65	Y	-	-	-	-	-	Y
R7655	1	9.0	B3-6 Kindergarten	-	19.7	0	0	47.8	62.2	0	0	62.3	62.3	65	N	-	-	-	-	-	N
R7655	2	13.5	B3-6 Kindergarten	-	22.5	0	0	48.3	62.1	0	0	62.3	62.3	65	N	-	-	-	-	-	N
R7656	1	9.0	B3-6 Kindergarten	-	39	0	0	55.5	48.8	0	0	56.3	56.4	65	N	-	-	-	-	-	N
R7656	2	13.5	B3-6 Kindergarten	-	41.2	0	0	55.7	48.8	0	0	56.5	56.7	65	N	-	-	-	-	-	N
R7751	1	13.0	D3-1c Kindergarten	-	16.2	0	22.3	48.8	61.6	0	0	61.8	61.8	65	N	-	-	-	-	-	N
R7751	2	17.5	D3-1c Kindergarten	-	16.4	0	22.3	48.8	61.6	0	0	61.8	61.8	65	N	-	-	-	-	-	N
R7752	1	13.0	D3-1c Kindergarten	-	16.7	0	0	43.5	54.7	0	0	55	55	65	N	-	-	-	-	-	N
R7752	2	17.5	D3-1c Kindergarten	-	17.2	0	0	43.5	54.7	0	0	55	55	65	N	-	-	-	-	-	N
R7753	1	13.0	D3-1c Kindergarten	-	53.2	0	0	0	56.5	0	0	56.5	58.2	65	N	-	-	-	-	-	N
R7753	2	17.5	D3-1c Kindergarten	-	54.1	0	0	0	56.6	0	0	56.6	58.5	65	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT																
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
							PD	*DD*	*OTHER*	*EX*	*TR*					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A)	*dB(A)*					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R7754	1	13.0	D3-1c Kindergarten	-	57	0	0	0	54.1	0	0	54.1	58.8	65	N	-	-	-	-	-	N
R7754	2	17.5	D3-1c Kindergarten	-	58.1	0	0	0	54.1	0	0	54.1	59.6	65	N	-	-	-	-	-	N
R7755	1	13.0	D3-1c Kindergarten	-	70.1	0	0	0	55.7	0	0	55.7	70.3	65	**Y**	-	-	-	-	-	**Y**
R7755	2	17.5	D3-1c Kindergarten	-	71.1	0	0	0	55.7	0	0	55.7	71.3	65	**Y**	-	-	-	-	-	**Y**
R7756	1	13.0	D3-1c Kindergarten	-	63.9	0	0	22.1	49.3	0	0	49.3	64.1	65	N	-	-	-	-	-	N
R7756	2	17.5	D3-1c Kindergarten	-	65.3	0	0	22.1	49.3	0	0	49.3	65.4	65	N	-	-	-	-	-	N
R7757	1	13.0	D3-1c Kindergarten	-	51.8	0	0	47.8	62.7	0	0	62.8	63.2	65	N	-	-	-	-	-	N
R7757	2	17.5	D3-1c Kindergarten	-	52.9	0	0	47.8	62.6	0	0	62.8	63.2	65	N	-	-	-	-	-	N
R7758	1	13.0	D3-1c Kindergarten	-	50.6	0	0	43.4	62.6	0	0	62.6	62.9	65	N	-	-	-	-	-	N
R7758	2	17.5	D3-1c Kindergarten	-	51.5	0	0	43.5	62.6	0	0	62.6	63	65	N	-	-	-	-	-	N
R7759	1	13.0	D3-1c Kindergarten	-	20.5	0	0	24.9	62.6	0	0	62.6	62.6	65	N	-	-	-	-	-	N
R7759	2	17.5	D3-1c Kindergarten	-	21	0	0	24.9	62.6	0	0	62.6	62.6	65	N	-	-	-	-	-	N
R7760	1	13.0	D3-1c Kindergarten	-	62.8	0	0	0	70.8	0	0	70.8	71.4	65	**Y**	-	-	-	-	-	**Y**
R7760	2	17.5	D3-1c Kindergarten	-	63.4	0	0	0	70.7	0	0	70.7	71.4	65	**Y**	-	-	-	-	-	**Y**
R7761	1	13.0	D3-1c Kindergarten	-	70.5	0	0	0	59.3	0	0	59.3	70.8	65	**Y**	-	-	-	-	-	**Y**
R7761	2	17.5	D3-1c Kindergarten	-	71.4	0	0	0	59.3	0	0	59.3	71.6	65	**Y**	-	-	-	-	-	**Y**
R7762	1	13.0	D3-1c Kindergarten	-	58.6	0	0	23.6	54.8	0	0	54.8	60.1	65	N	-	-	-	-	-	N
R7762	2	17.5	D3-1c Kindergarten	-	59.6	0	0	23.6	54.8	0	0	54.8	60.9	65	N	-	-	-	-	-	N
R7763	1	13.0	D3-1c Kindergarten	-	53.3	0	0	25.5	57.3	0	0	57.3	58.8	65	N	-	-	-	-	-	N
R7763	2	17.5	D3-1c Kindergarten	-	54.2	0	0	25.5	57.3	0	0	57.3	59	65	N	-	-	-	-	-	N
R7801	1	10.0	D3-6 Kindergarten	-	26.8	0	0	23.5	70.9	0	0	70.9	70.9	65	**Y**	-	-	-	-	-	**Y**
R7801	2	14.5	D3-6 Kindergarten	-	27	0	0	23.5	70.9	0	0	70.9	70.9	65	**Y**	-	-	-	-	-	**Y**
R7802	1	10.0	D3-6 Kindergarten	-	35.5	0	5.7	7.8	46.4	0	0	46.4	46.8	65	N	-	-	-	-	-	N
R7802	2	14.5	D3-6 Kindergarten	-	38.2	0	6.4	7.8	47.4	0	0	47.4	47.9	65	N	-	-	-	-	-	N
R7803	1	10.0	D3-6 Kindergarten	-	33.7	0	0	7.9	49	0	0	49	49.2	65	N	-	-	-	-	-	N
R7803	2	14.5	D3-6 Kindergarten	-	33.7	0	0	7.9	49.3	0	0	49.3	49.4	65	N	-	-	-	-	-	N
R7804	1	10.0	D3-6 Kindergarten	-	36.4	0	0	7.4	54.9	0	0	54.9	55	65	N	-	-	-	-	-	N
R7804	2	14.5	D3-6 Kindergarten	-	37.6	0	0	7.4	54.9	0	0	54.9	55	65	N	-	-	-	-	-	N
R7805	1	10.0	D3-6 Kindergarten	-	35	0	0	7.2	63.6	0	0	63.6	63.6	65	N	-	-	-	-	-	N
R7805	2	14.5	D3-6 Kindergarten	-	35	0	0	7.2	63.6	0	0	63.6	63.6	65	N	-	-	-	-	-	N
R7806	1	10.0	D3-6 Kindergarten	-	47.4	0	0	23.2	74	0	0	74	74	65	**Y**	-	-	-	-	-	**Y**
R7806	2	14.5	D3-6 Kindergarten	-	48.5	0	0	23.2	73.8	0	0	73.8	73.8	65	**Y**	-	-	-	-	-	**Y**
R7807	1	10.0	D3-6 Kindergarten	-	23.7	0	0	19.8	51.9	0	0	51.9	51.9	65	N	-	-	-	-	-	N
R7807	2	14.5	D3-6 Kindergarten	-	23.7	0	0	19.8	52.1	0	0	52.1	52.1	65	N	-	-	-	-	-	N
R7808	1	10.0	D3-6 Kindergarten	-	22.8	0	0	18.4	47.5	0	0	47.5	47.5	65	N	-	-	-	-	-	N
R7808	2	14.5	D3-6 Kindergarten	-	22.8	0	0	18.5	49.2	0	0	49.2	49.2	65	N	-	-	-	-	-	N
R7809	1	10.0	D3-6 Kindergarten	-	49.3	0	6	8.6	53.5	0	0	53.5	54.9	65	N	-	-	-	-	-	N
R7809	2	14.5	D3-6 Kindergarten	-	51.9	0	6.7	8.6	53.6	0	0	53.6	55.8	65	N	-	-	-	-	-	N
R7810	1	10.0	D3-6 Kindergarten	-	50.9	0	0	8.2	58.3	0	0	58.3	59.1	65	N	-	-	-	-	-	N
R7810	2	14.5	D3-6 Kindergarten	-	53.6	0	0	8.9	58.4	0	0	58.4	59.6	65	N	-	-	-	-	-	N
R7811	1	10.0	D3-6 Kindergarten	-	49.5	0	17.4	9.2	64.4	0	0	64.4	64.6	65	N	-	-	-	-	-	N
R7811	2	14.5	D3-6 Kindergarten	-	51.5	0	17.4	9.3	64.4	0	0	64.4	64.6	65	N	-	-	-	-	-	N
R7812	1	10.0	D3-6 Kindergarten	-	39.4	0	0	7.5	71.9	0	0	71.9	71.9	65	**Y**	-	-	-	-	-	**Y**
R7812	2	14.5	D3-6 Kindergarten	-	41.1	0	0	7.6	71.6	0	0	71.6	71.6	65	**Y**	-	-	-	-	-	**Y**
R7813	1	10.0	D3-6 Kindergarten	-	34.5	0	0	19.6	65.8	0	0	65.8	65.9	65	**Y**	-	-	-	-	-	**Y**
R7813	2	14.5	D3-6 Kindergarten	-	34.9	0	0	19.6	65.9	0	0	65.9	65.9	65	**Y**	-	-	-	-	-	**Y**
R7814	1	10.0	D3-6 Kindergarten	-	30.8	0	0	20.1	57.9	0	0	57.9	57.9	65	N	-	-	-	-	-	N
R7814	2	14.5	D3-6 Kindergarten	-	30.8	0	0	20.1	58	0	0	58	58	65	N	-	-	-	-	-	N
R7815	1	10.0	D3-6 Kindergarten	-	36.1	0	0	7.2	60.9	0	0	60.9	60.9	65	N	-	-	-	-	-	N
R7816	1	10.0	D3-6 Kindergarten	-	44.4	0	0	5.4	70.9	0	0	70.9	70.9	65	**Y**	-	-	-	-	-	**Y**
R7817	1	10.0	D3-6 Kindergarten	-	55.1	0	0	7.1	71.3	0	0	71.3	71.4	65	**Y**	-	-	-	-	-	**Y**
R7818	1	10.0	D3-6 Kindergarten	-	50.7	0	0	22.5	73.5	0	0	73.5	73.5	65	**Y**	-	-	-	-	-	**Y**
R7819	1	10.0	D3-6 Kindergarten	-	17.8	0	0	22.4	56.6	0	0	56.6	56.6	65	N	-	-	-	-	-	N
R7820	1	10.0	D3-6 Kindergarten	-	16.4	0	0	20.8	51.8	0	0	51.8	51.8	65	N	-	-	-	-	-	N
R7851	1	10.5	D3-8 Kindergarten	-	23.2	0	0	21.5	71.6	0	0	71.6	71.6	65	**Y**	-	-	-	-	-	**Y**
R7852	1	10.5	D3-8 Kindergarten	-	23	0	13.9	20.1	71.8	0	0	71.8	71.8	65	**Y**	-	-	-	-	-	**Y**
R7853	1	10.5	D3-8 Kindergarten	-	37.9	0	0	7.6	58.6	0	0	58.6	58.6	65	N	-	-	-	-	-	N
R7854	1	10.5	D3-8 Kindergarten	-	49.4	0	0	0	50.1	0	0	50.1	52.8	65	N	-	-	-	-	-	N
R7855	1	10.5	D3-8 Kindergarten	-	45.8	0	0	0	57.8	0	0	57.8	58.1	65	N	-	-	-	-	-	N
R7856	1	10.5	D3-8 Kindergarten	-	58	0	0	22.4	69.2	0	0	69.2	69.5	65	**Y**	-	-	-	-	-	**Y**
R7857	1	10.5	D3-8 Kindergarten	-	19.4	0	16.8	18.8	72.2	0	0	72.2	72.2	65	**Y**	-	-	-	-	-	**Y**
R7857	2	15.0	D3-8 Kindergarten	-	19.8	0	16.9	18.8	71.8	0	0	71.8	71.8	65	**Y**	-	-	-	-	-	**Y**
R7857	3	19.5	D3-8 Kindergarten	-	20.4	0	17.1	18.8	71.1	0	0	71.1	71.1	65	**Y**	-	-	-	-	-	**Y**
R7857	4	24.0	D3-8 Kindergarten	-	22.1	0	17.1	18.8	70.4	0	0	70.4	70.4	65	**Y**	-	-	-	-	-	**Y**
R7858	1	10.5	D3-8 Kindergarten	-	53.1	0	16.1	8	62.6	0	0	62.6	63.1	65	N	-	-	-	-	-	N
R7858	2	15.0	D3-8 Kindergarten	-	54.7	0	16.1	8	62.6	0	0	62.6	63.2	65	N	-	-	-	-	-	N
R7858	3	19.5	D3-8 Kindergarten	-	55.5	0	16.4	8.1	62.5	0	0	62.5	63.3	65	N	-	-	-	-	-	N
R7858	4	24.0	D3-8 Kindergarten	-	56	0	17.1	8.4	62.3	0	0	62.3	63.2	65	N	-	-	-	-	-	N
R7859	1	10.5	D3-8 Kindergarten	-	41	0	0	7.4	35	0	0	35	41.9	65	N	-	-	-	-	-	N
R7859	2	15.0	D3-8 Kindergarten	-	42.1	0	0	7.4	36.8	0	0	36.8	43.2	65	N	-	-	-	-	-	N
R7859	3	19.5	D3-8 Kindergarten	-	44	0	0	7.4	38.9	0	0	38.9	45.1	65	N	-	-	-	-	-	N
R7859	4	24.0	D3-8 Kindergarten	-	47.5	0	0	7.4	41.4	0	0	41.4	48.5	65	N	-	-	-	-	-	N
R7860	1	10.5	D3-8 Kindergarten	-	43.8	0	0	18.2	57.8	0	0	57.8	57.9	65	N	-	-	-	-	-	N
R7860	2	15.0	D3-8 Kindergarten	-	46.3	0	0	18.2	57.8	0	0	57.8	58.1	65	N	-	-	-	-	-	N
R7860	3	19.5	D3-8 Kindergarten	-	49.1	0	0	18.2	57.7	0	0	57.7	58.3	65	N	-	-	-	-	-	N
R7860	4	24.0	D3-8 Kindergarten	-	53	0	0	18.1	57.7	0	0	57.7	59	65	N	-	-	-	-	-	N
R7861	1	10.5	D3-8 Kindergarten	-	35.3	0	0	19	65.6	0	0	65.6	65.6	65	**Y**	-	-	-	-	-	**Y**
R7861	2	15.0	D3-8 Kindergarten	-	35.8	0	0	19	65.5	0	0	65.5	65.5	65	**Y**	-	-	-	-	-	**Y**
R7861	3	19.5	D3-8 Kindergarten	-	36.4	0	0	19	65.3	0	0	65.3	65.3	65	N	-	-	-	-	-	N
R7861	4	24.0	D3-8 Kindergarten	-	37.2	0	0	19	65	0	0	65	65	65	N	-	-	-	-	-	N
R7862	1	10.5	D3-8 Kindergarten	-	35	0	0	17.3	40.4	0	0	40.4	41.5	65	N	-	-	-	-	-	N
R7863	1	10.5	D3-8 Kindergarten	-	62	0	15.9	8.5	55.4	0	0	55.4	62.8	65	N	-	-	-	-	-	N
R7864	1	10.5	D3-8 Kindergarten	-	68.6	0	17.5	7.7	0	0	0	17.9	68.6	65	**Y**	-	-	-	-	-	**Y**
R7865	1	10.5	D3-8 Kindergarten	-	69.3	0	14.8	0	0	0	0	14.8	69.3	65	**Y**	-	-	-	-	-	**Y**
R7866	1	10.5	D3-8 Kindergarten	-	57.7	0	0	16.9	38.2	0	0	38.2	57.8	65	N	-	-	-	-	-	N
R7867	1	10.5	D3-8 Kindergarten	-	35.1	0	0	16	53	0	0	53	53	65	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT																
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
							PD	*DD*	*OTHER*	*EX*	*TR*					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A)	*dB(A)*					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R7868	1	10.5	D3-8 Kindergarten	-	63.1	0	0	0	29.8	0	0	29.8	63.1	65	N	-	-	-	-	-	N
R7868	2	15.0	D3-8 Kindergarten	-	65.6	0	0	0	29.8	0	0	29.8	65.6	65	**Y**	-	-	-	-	-	**Y**
R7868	3	19.5	D3-8 Kindergarten	-	66.3	0	0	0	29.8	0	0	29.8	66.3	65	**Y**	-	-	-	-	-	**Y**
R7868	4	24.0	D3-8 Kindergarten	-	66.4	0	0	0	29.8	0	0	29.8	66.4	65	**Y**	-	-	-	-	-	**Y**
R7869	1	10.5	D3-8 Kindergarten	-	53.9	0	0	0	35.9	0	0	35.9	54	65	N	-	-	-	-	-	N
R7869	2	15.0	D3-8 Kindergarten	-	55.5	0	0	0	37.6	0	0	37.6	55.6	65	N	-	-	-	-	-	N
R7869	3	19.5	D3-8 Kindergarten	-	56.2	0	0	0	39.7	0	0	39.7	56.3	65	N	-	-	-	-	-	N
R7869	4	24.0	D3-8 Kindergarten	-	56.5	0	0	0	42.5	0	0	42.5	56.7	65	N	-	-	-	-	-	N
R7870	1	10.5	D3-8 Kindergarten	-	48.1	0	0	0	32.2	0	0	32.2	48.2	65	N	-	-	-	-	-	N
R7870	2	15.0	D3-8 Kindergarten	-	53	0	0	0	38.3	0	0	38.3	53.1	65	N	-	-	-	-	-	N
R7870	3	19.5	D3-8 Kindergarten	-	72.6	0	0	0	51.6	0	0	51.6	72.6	65	**Y**	-	-	-	-	-	**Y**
R7870	4	24.0	D3-8 Kindergarten	-	72.7	0	0	0	53.7	0	0	53.7	72.8	65	**Y**	-	-	-	-	-	**Y**
R7871	1	10.5	D3-8 Kindergarten	-	64.6	0	0	19	65.3	0	0	65.3	68	65	**Y**	-	-	-	-	-	**Y**
R7871	2	15.0	D3-8 Kindergarten	-	67	0	0	19	66.4	0	0	66.4	69.7	65	**Y**	-	-	-	-	-	**Y**
R7871	3	19.5	D3-8 Kindergarten	-	67.7	0	0	19	66.7	0	0	66.7	70.3	65	**Y**	-	-	-	-	-	**Y**
R7871	4	24.0	D3-8 Kindergarten	-	67.9	0	0	19	67	0	0	67	70.5	65	**Y**	-	-	-	-	-	**Y**
R7872	1	10.5	D3-8 Kindergarten	-	23.4	0	0	20.1	60.4	0	0	60.4	60.4	65	N	-	-	-	-	-	N
R7872	2	15.0	D3-8 Kindergarten	-	23.6	0	0	20.1	61.5	0	0	61.5	61.5	65	N	-	-	-	-	-	N
R7872	3	19.5	D3-8 Kindergarten	-	23.9	0	0	20.1	62	0	0	62	62	65	N	-	-	-	-	-	N
R7872	4	24.0	D3-8 Kindergarten	-	24.2	0	0	20	62.2	0	0	62.2	62.2	65	N	-	-	-	-	-	N
R7873	1	10.5	D3-8 Kindergarten	-	24.5	0	0	18.3	53.7	0	0	53.7	53.7	65	N	-	-	-	-	-	N
R7873	2	15.0	D3-8 Kindergarten	-	24.7	0	0	18.3	54.4	0	0	54.4	54.4	65	N	-	-	-	-	-	N
R7873	3	19.5	D3-8 Kindergarten	-	25.3	0	0	18.3	54.9	0	0	54.9	54.9	65	N	-	-	-	-	-	N
R7873	4	24.0	D3-8 Kindergarten	-	26.2	0	0	18.3	55.1	0	0	55.1	55.1	65	N	-	-	-	-	-	N
R7874	1	10.5	D3-8 Kindergarten	-	55.6	0	0	7.8	23.9	0	0	24	55.6	65	N	-	-	-	-	-	N
R7874	2	15.0	D3-8 Kindergarten	-	57.5	0	0	6.6	25.2	0	0	25.3	57.5	65	N	-	-	-	-	-	N
R7874	3	19.5	D3-8 Kindergarten	-	58.3	0	0	8	26.8	0	0	26.8	58.3	65	N	-	-	-	-	-	N
R7874	4	24.0	D3-8 Kindergarten	-	58.7	0	0	8.2	28.1	0	0	28.1	58.7	65	N	-	-	-	-	-	N
R7875	1	10.5	D3-8 Kindergarten	-	20.5	0	0	18.3	71.7	0	0	71.7	71.7	65	**Y**	-	-	-	-	-	**Y**
R7875	2	15.0	D3-8 Kindergarten	-	20.5	0	0	18.3	71.4	0	0	71.4	71.4	65	**Y**	-	-	-	-	-	**Y**
R7875	3	19.5	D3-8 Kindergarten	-	20.5	0	0	18.3	70.7	0	0	70.7	70.7	65	**Y**	-	-	-	-	-	**Y**
R7875	4	24.0	D3-8 Kindergarten	-	20.5	0	0	18.3	70	0	0	70	70	65	**Y**	-	-	-	-	-	**Y**
R7901	1	9.5	D3-4 Kindergarten	-	0	0	41.5	0	74.1	0	0	74.1	74.1	65	**Y**	-	-	-	-	-	**Y**
R7901	2	14.0	D3-4 Kindergarten	-	0	0	42.2	0	73.9	0	0	73.9	73.9	65	**Y**	-	-	-	-	-	**Y**
R7902	1	9.5	D3-4 Kindergarten	-	23.4	0	47.7	9.6	69.4	0	0	69.5	69.5	65	**Y**	-	-	-	-	-	**Y**
R7902	2	14.0	D3-4 Kindergarten	-	27.1	0	48.5	9.7	69.4	0	0	69.5	69.5	65	**Y**	-	-	-	-	-	**Y**
R7903	1	9.5	D3-4 Kindergarten	-	23.7	0	24.9	0	60.8	0	0	60.8	60.8	65	N	-	-	-	-	-	N
R7903	2	14.0	D3-4 Kindergarten	-	23.7	0	25	0	60.8	0	0	60.8	60.8	65	N	-	-	-	-	-	N
R7904	1	9.5	D3-4 Kindergarten	-	29.4	0	21.1	0	54.2	0	0	54.2	54.3	65	N	-	-	-	-	-	N
R7904	2	14.0	D3-4 Kindergarten	-	32	0	21.1	0	54.4	0	0	54.4	54.4	65	N	-	-	-	-	-	N
R7905	1	9.5	D3-4 Kindergarten	-	21.1	0	0	13.4	55.8	0	0	55.8	55.8	65	N	-	-	-	-	-	N
R7905	2	14.0	D3-4 Kindergarten	-	21.1	0	0	13.4	55.9	0	0	55.9	55.9	65	N	-	-	-	-	-	N
R7906	1	9.5	D3-4 Kindergarten	-	21.4	0	21.2	15.3	57.9	0	0	57.9	57.9	65	N	-	-	-	-	-	N
R7906	2	14.0	D3-4 Kindergarten	-	21.5	0	21.2	15.3	58	0	0	58	58.1	65	N	-	-	-	-	-	N
R7907	1	9.5	D3-4 Kindergarten	-	21.3	0	46.1	18.6	67.6	0	0	67.6	67.6	65	**Y**	-	-	-	-	-	**Y**
R7907	2	14.0	D3-4 Kindergarten	-	21.3	0	47.1	18.6	67.5	0	0	67.5	67.5	65	**Y**	-	-	-	-	-	**Y**
R7908	1	9.5	D3-4 Kindergarten	-	0	0	42.6	14.1	68.1	0	0	68.1	68.1	65	**Y**	-	-	-	-	-	**Y**
R7908	2	14.0	D3-4 Kindergarten	-	0	0	43.4	14.1	68.1	0	0	68.1	68.1	65	**Y**	-	-	-	-	-	**Y**
R7909	1	9.5	D3-4 Kindergarten	-	53.3	0	37.1	11	70	0	0	70	70.1	65	**Y**	-	-	-	-	-	**Y**
R7909	2	14.0	D3-4 Kindergarten	-	53.6	0	38	11	70	0	0	70	70.1	65	**Y**	-	-	-	-	-	**Y**
R7910	1	9.5	D3-4 Kindergarten	-	54	0	45.6	0	69.1	0	0	69.1	69.2	65	**Y**	-	-	-	-	-	**Y**
R7910	2	14.0	D3-4 Kindergarten	-	54.2	0	46.2	0	69	0	0	69.1	69.2	65	**Y**	-	-	-	-	-	**Y**
R7911	1	9.5	D3-4 Kindergarten	-	35.1	0	23.7	0	59.9	0	0	59.9	59.9	65	N	-	-	-	-	-	N
R7911	2	14.0	D3-4 Kindergarten	-	37.3	0	23.6	0	59.9	0	0	59.9	59.9	65	N	-	-	-	-	-	N
R7912	1	9.5	D3-4 Kindergarten	-	11	0	0	11.1	54.2	0	0	54.2	54.2	65	N	-	-	-	-	-	N
R7912	2	14.0	D3-4 Kindergarten	-	11	0	0	11.1	54.4	0	0	54.4	54.4	65	N	-	-	-	-	-	N
R7913	1	9.5	D3-4 Kindergarten	-	7.4	0	0	10.6	59.8	0	0	59.8	59.8	65	N	-	-	-	-	-	N
R7913	2	14.0	D3-4 Kindergarten	-	7.4	0	0	10.6	59.9	0	0	59.9	59.9	65	N	-	-	-	-	-	N
R7951	1	10.0	D2-9 Kindergarten	-	0	0	62.9	0	57.8	0	0	64.1	64.1	65	N	-	-	-	-	-	N
R7952	1	10.0	D2-9 Kindergarten	-	13.3	0	61.3	6.4	52	0	0	61.8	61.8	65	N	-	-	-	-	-	N
R7953	1	10.0	D2-9 Kindergarten	-	17.2	0	33.8	16.7	57.5	0	0	57.6	57.6	65	N	-	-	-	-	-	N
R7954	1	10.0	D2-9 Kindergarten	-	18.6	0	58.2	16.5	60.1	0	0	62.2	62.2	65	N	-	-	-	-	-	N
R7955	1	10.0	D2-9 Kindergarten	-	0	0	59.6	15.3	54.8	0	0	60.9	60.9	65	N	-	-	-	-	-	N
R7956	1	10.0	D2-9 Kindergarten	-	0	0	64.5	0	53.2	0	0	64.8	64.8	65	N	-	-	-	-	-	N
R7957	1	10.0	D2-9 Kindergarten	-	20.9	0	59.2	6.9	48.8	0	0	59.6	59.6	65	N	-	-	-	-	-	N
R7958	1	10.0	D2-9 Kindergarten	-	21.6	0	49.3	16.4	48.1	0	0	51.7	51.7	65	N	-	-	-	-	-	N
R7959	1	10.0	D2-9 Kindergarten	-	0	0	59.8	9.5	49	0	0	60.2	60.2	65	N	-	-	-	-	-	N
R7960	1	10.0	D2-9 Kindergarten	-	0	0	66.3	7.7	49.8	0	0	66.4	66.4	65	**Y**	-	-	-	-	-	**Y**
R7961	1	10.0	D2-9 Kindergarten	-	22.9	0	64	9.1	51.5	0	0	64.2	64.2	65	N	-	-	-	-	-	N
R7962	1	10.0	D2-9 Kindergarten	-	22	0	45.3	0	56.6	0	0	56.9	56.9	65	N	-	-	-	-	-	N
R7963	1	10.0	D2-9 Kindergarten	-	0	0	56.2	40.1	52.7	0	0	57.9	57.9	65	N	-	-	-	-	-	N
R7964	1	10.0	D2-9 Kindergarten	-	0	0	55.1	7.6	42.5	0	0	55.4	55.4	65	N	-	-	-	-	-	N
R7965	1	10.0	D2-9 Kindergarten	-	24.3	0	54.9	7.2	58	0	0	59.8	59.8	65	N	-	-	-	-	-	N
R7966	1	10.0	D2-9 Kindergarten	-	32.9	0	48.9	10.9	63.7	0	0	63.8	63.8	65	N	-	-	-	-	-	N
R7967	1	10.0	D2-9 Kindergarten	-	0	0	50.7	0	61	0	0	61.4	61.4	65	N	-	-	-	-	-	N
R7968	1	10.0	D2-9 Kindergarten	-	0	0	60.1	0	20.2	0	0	60.1	60.1	65	N	-	-	-	-	-	N
R7969	1	10.0	D2-9 Kindergarten	-	25.5	0	58.5	9.2	56.3	0	0	60.5	60.5	65	N	-	-	-	-	-	N
R7970	1	10.0	D2-9 Kindergarten	-	23.3	0	44.1	5.3	44.2	0	0	47.2	47.2	65	N	-	-	-	-	-	N
R7971	1	10.0	D2-9 Kindergarten	-	0	0	60.7	0	43.5	0	0	60.8	60.8	65	N	-	-	-	-	-	N
R7972	1	10.0	D2-9 Kindergarten	-	16.9	0	68.4	11	41.7	0	0	68.4	68.4	65	**Y**	-	-	-	-	-	**Y**
R7973	1	10.0	D2-9 Kindergarten	-	28.1	0	64.4	9.7	32.5	0	0	64.4	64.4	65	N	-	-	-	-	-	N
R7974	1	10.0	D2-9 Kindergarten	-	42.1	0	25.2	6.6	34.4	0	0	34.9	42.9	65	N	-	-	-	-	-	N
R7975	1	10.0	D2-9 Kindergarten	-	39.2	0	62.8	0	31.6	0	0	62.8	62.8	65	N	-	-	-	-	-	N
R7976	1	10.0	D2-9 Kindergarten	-	49.5	0	69	12.3	0	0	0	69	69	65	**Y**	-	-	-	-	-	**Y**
R7977	1	10.0	D2-9 Kindergarten	-	47.6	0	62.6	11.1	47.9	0	0	62.8	62.9	65	N	-	-	-	-	-	N
R7978	1	10.0	D2-9 Kindergarten	-	46.4	0	20.4	0	57.8	0	0	57.8	58.1	65	N	-	-	-	-	-	N

Project: 25278 Agreement No. CE61/2007 (CE) North East New Territories New Development Areas Planning and Engineering Study
Title: Detailed Calculation of Road Traffic Noise on Direct Mitigation Measures
Scenario: FLN Social Welfares & Kindergartens (Unmitigated)

Assessment Point			Locations	WITHOUT PROJECT	WITH PROJECT																
				OVERALL NOISE LEVEL at 2044	EXISTING ROADS at 2044	OTHER ROADS at 2044 [1]	*NEW ROADS*					NEW ROADS at 2044	OVERALL NOISE LEVEL at 2044	Noise Criteria	Exceedance C > Criteria	Check Project Impact Significance		Check Direct Mitigation			Mitigation Measures Required[2,3] (Y/N)
							PD	*DD*	*OTHER*	*EX*	*TR*					C - A	D	B > Criteria	New Roads Contribution	E	
ID	Floor	Floor Level (mPD)		dB(A) [A]	dB(A)	dB(A)	*dB(A)*					dB(A) [B]	dB(A) [C]	dB(A)	(Y/N)	dB(A) [D]	> 1dB(A)		dB(A) [E]	> 1dB(A)	
R7979	1	10.0	D2-9 Kindergarten	-	47.5	0	62.4	0	54	0	0	62.9	63.1	65	N	-	-	-	-	-	N
R7980	1	10.0	D2-9 Kindergarten	-	57.4	0	69.3	13.4	0	0	0	69.3	69.5	65	**Y**	-	-	-	-	-	**Y**
R7981	1	10.0	D2-9 Kindergarten	-	57.2	0	64.2	13.9	56.3	0	0	64.9	65.6	65	**Y**	-	-	-	-	-	**Y**
R7982	1	10.0	D2-9 Kindergarten	-	48.9	0	9.1	0	55	0	0	55	56	65	N	-	-	-	-	-	N
R7983	1	10.0	D2-9 Kindergarten	-	48.8	0	58.3	13.4	0	0	0	58.3	58.7	65	N	-	-	-	-	-	N
R7984	1	10.0	D2-9 Kindergarten	-	52.1	0	55.6	14.1	61.8	0	0	62.7	63.1	65	N	-	-	-	-	-	N
R7985	1	10.0	D2-9 Kindergarten	-	52.6	0	0	0	69.3	0	0	69.3	69.4	65	**Y**	-	-	-	-	-	**Y**
R7986	1	10.0	D2-9 Kindergarten	-	43.8	0	50	0	63.3	0	0	63.5	63.5	65	N	-	-	-	-	-	N
R7987	1	10.0	D2-9 Kindergarten	-	46.5	0	51.3	11.8	62.9	0	0	63.2	63.2	65	N	-	-	-	-	-	N
R7987	2	14.5	D2-9 Kindergarten	-	47.1	0	51.7	11.8	62.8	0	0	63.2	63.3	65	N	-	-	-	-	-	N
R7987	3	19.0	D2-9 Kindergarten	-	47.6	0	52.1	11.8	62.8	0	0	63.2	63.3	65	N	-	-	-	-	-	N
R7987	4	23.5	D2-9 Kindergarten	-	48	0	52.7	11.8	62.8	0	0	63.2	63.3	65	N	-	-	-	-	-	N
R7988	1	10.0	D2-9 Kindergarten	-	53.3	0	0	0	73.7	0	0	73.7	73.8	65	**Y**	-	-	-	-	-	**Y**
R7988	2	14.5	D2-9 Kindergarten	-	53.7	0	0	0	73.6	0	0	73.6	73.6	65	**Y**	-	-	-	-	-	**Y**
R7988	3	19.0	D2-9 Kindergarten	-	54.1	0	0	0	73.2	0	0	73.2	73.2	65	**Y**	-	-	-	-	-	**Y**
R7988	4	23.5	D2-9 Kindergarten	-	54.4	0	0	0	72.7	0	0	72.7	72.8	65	**Y**	-	-	-	-	-	**Y**
R7989	1	10.0	D2-9 Kindergarten	-	0	0	50.1	0	66.9	0	0	67	67	65	**Y**	-	-	-	-	-	**Y**
R7989	2	14.5	D2-9 Kindergarten	-	0	0	51	0	66.8	0	0	67	67	65	**Y**	-	-	-	-	-	**Y**
R7989	3	19.0	D2-9 Kindergarten	-	0	0	51.9	0	66.8	0	0	66.9	66.9	65	**Y**	-	-	-	-	-	**Y**
R7989	4	23.5	D2-9 Kindergarten	-	0	0	52.6	0	66.6	0	0	66.8	66.8	65	**Y**	-	-	-	-	-	**Y**
R7990	1	10.0	D2-9 Kindergarten	-	0	0	52.5	10.7	59.8	0	0	60.6	60.6	65	N	-	-	-	-	-	N
R7990	2	14.5	D2-9 Kindergarten	-	0	0	53.6	13	59.8	0	0	60.7	60.7	65	N	-	-	-	-	-	N
R7990	3	19.0	D2-9 Kindergarten	-	0	0	54.7	16	59.8	0	0	61	61	65	N	-	-	-	-	-	N
R7990	4	23.5	D2-9 Kindergarten	-	0	0	55.7	19.9	59.8	0	0	61.2	61.2	65	N	-	-	-	-	-	N
R7991	1	10.0	D2-9 Kindergarten	-	21	0	58.6	9.8	38.2	0	0	58.6	58.6	65	N	-	-	-	-	-	N
R7991	2	14.5	D2-9 Kindergarten	-	21.1	0	59.2	9.8	38.2	0	0	59.2	59.2	65	N	-	-	-	-	-	N
R7991	3	19.0	D2-9 Kindergarten	-	21	0	59.9	9.8	38.2	0	0	59.9	59.9	65	N	-	-	-	-	-	N
R7991	4	23.5	D2-9 Kindergarten	-	21	0	60.4	9.8	38.2	0	0	60.5	60.5	65	N	-	-	-	-	-	N
R7992	1	10.0	D2-9 Kindergarten	-	22	0	59.7	10.8	0	0	0	59.7	59.7	65	N	-	-	-	-	-	N
R7992	2	14.5	D2-9 Kindergarten	-	22	0	60.2	10.8	0	0	0	60.2	60.2	65	N	-	-	-	-	-	N
R7992	3	19.0	D2-9 Kindergarten	-	22	0	60.8	10.8	0	0	0	60.8	60.8	65	N	-	-	-	-	-	N
R7992	4	23.5	D2-9 Kindergarten	-	22	0	61.3	10.8	0	0	0	61.3	61.3	65	N	-	-	-	-	-	N
R7993	1	10.0	D2-9 Kindergarten	-	25.4	0	54.2	8.9	61.8	0	0	62.5	62.5	65	N	-	-	-	-	-	N
R7993	2	14.5	D2-9 Kindergarten	-	26.8	0	55	9.7	61.8	0	0	62.6	62.6	65	N	-	-	-	-	-	N
R7993	3	19.0	D2-9 Kindergarten	-	28.6	0	55.6	9.7	61.7	0	0	62.7	62.7	65	N	-	-	-	-	-	N
R7993	4	23.5	D2-9 Kindergarten	-	31.1	0	56.4	9.7	61.7	0	0	62.8	62.8	65	N	-	-	-	-	-	N
R7994	1	10.0	D2-9 Kindergarten	-	49.4	0	51.9	9.6	67.1	0	0	67.2	67.3	65	**Y**	-	-	-	-	-	**Y**
R7994	2	14.5	D2-9 Kindergarten	-	49.9	0	52.6	10.5	67	0	0	67.1	67.2	65	**Y**	-	-	-	-	-	**Y**
R7994	3	19.0	D2-9 Kindergarten	-	50.4	0	53.2	10.8	66.7	0	0	66.9	67	65	**Y**	-	-	-	-	-	**Y**
R7994	4	23.5	D2-9 Kindergarten	-	50.7	0	53.9	11	66.4	0	0	66.7	66.8	65	**Y**	-	-	-	-	-	**Y**
R7995	1	10.0	D2-9 Kindergarten	-	52	0	0	10.5	73.5	0	0	73.5	73.6	65	**Y**	-	-	-	-	-	**Y**
R7995	2	14.5	D2-9 Kindergarten	-	52.3	0	0	10.5	73.3	0	0	73.3	73.4	65	**Y**	-	-	-	-	-	**Y**
R7995	3	19.0	D2-9 Kindergarten	-	52.6	0	0	10.5	72.9	0	0	72.9	72.9	65	**Y**	-	-	-	-	-	**Y**
R7995	4	23.5	D2-9 Kindergarten	-	52.8	0	0	10.5	72.4	0	0	72.4	72.5	65	**Y**	-	-	-	-	-	**Y**
R7996	1	10.0	D2-9 Kindergarten	-	34.2	0	50.1	39.2	70.2	0	0	70.2	70.2	65	**Y**	-	-	-	-	-	**Y**
R7996	2	14.5	D2-9 Kindergarten	-	36.5	0	50.9	39.2	70.1	0	0	70.2	70.2	65	**Y**	-	-	-	-	-	**Y**
R7996	3	19.0	D2-9 Kindergarten	-	37.8	0	51.4	39.2	70	0	0	70	70	65	**Y**	-	-	-	-	-	**Y**
R7996	4	23.5	D2-9 Kindergarten	-	38.5	0	52.1	39.2	69.8	0	0	69.8	69.8	65	**Y**	-	-	-	-	-	**Y**
R7997	1	10.0	D2-9 Kindergarten	-	0	0	50	0	44.1	0	0	51	51	65	N	-	-	-	-	-	N
R7997	2	14.5	D2-9 Kindergarten	-	0	0	50.5	0	44.1	0	0	51.4	51.4	65	N	-	-	-	-	-	N
R7997	3	19.0	D2-9 Kindergarten	-	0	0	51.1	0	44.1	0	0	51.9	51.9	65	N	-	-	-	-	-	N
R7997	4	23.5	D2-9 Kindergarten	-	0	0	51.5	0	44.1	0	0	52.2	52.2	65	N	-	-	-	-	-	N

Note: [1] Other Roads refer to planned road projects carried out by others such as Development of Lok Ma Chau Loop, Liantang / Heung Yuen Wai Boundary Control Point and Associated Works, Widening of Tolo Highway/Fanling Highway etc.
[2] For landuse planned under NDA project, mitigation measures are required to mitigate the noise level to within noise criteria.
[3] For existing and planned NSRs outside and within the non-development area of NDA, Direct Mitigation Measures will be required when "With Project Overall Noise Level exceeds Noise Criteria" AND, either "With Project - Without Project Overall Noise Level > 1dB(A)" or "New Roads exceeds Noise Criteria"