

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project : Yau Tong Bay Reclamation

Ref : 21253

Date : 23 Jun 2000

NSR : RYTE1, Yau Tong Estate Redevelopment

Plant: PME / Heavy Vehicles

L _{WA} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	740	4.4	7	-15	-29	3	0.0	-16	29
112	1aS2	5	30	850	2.6	7	-15	-29	3	0.0	-18	27
112	1aS3	5	30	805	1.5	7	-15	-29	3	0.0	-21	24
112	1aS4	5	30	780	3.4	7	-15	-29	3	0.0	-17	28
112	1bS1	5	30	266	37.7	7	-15	-24	3	0.0	-7	43
112	1bS2	5	30	430	31.3	7	-15	-26	3	0.0	-8	40
112	1bS3	5	30	323	1.8	7	-15	-25	3	0.0	-20	29
112	1bS4	5	30	392	8.2	7	-15	-26	3	0.0	-13	35
112	1cS1	5	30	430	31.3	7	-15	-26	3	0.0	-8	40
112	1cS2	5	30	584	24.8	7	-15	-28	3	0.0	-9	38
112	1cS3	5	30	486	0.0	7	-15	-27	3	0.0	0	0
112	1cS4	5	30	550	3.3	7	-15	-27	3	0.0	-17	29
112	1cS5	5	30	628	3.8	7	-15	-28	3	0.0	-17	29
112	1dS1	5	30	584	24.8	7	-15	-28	3	0.0	-9	38
112	1dS2	5	30	600	0.0	7	-15	-28	3	0.0	0	0
112	1dS3	5	30	636	3.3	7	-15	-28	3	0.0	-17	29
112	1dS4	5	30	668	2.5	7	-15	-28	3	0.0	-19	27
112	1dS5	5	30	704	1.2	7	-15	-28	3	0.0	-22	24
112	1dS6	5	30	750	4.5	7	-15	-29	3	0.0	-16	29
112	1dS7	5	30	815	13.0	7	-15	-29	3	0.0	-11	34
112	1dS8	5	30	780	1.7	7	-15	-29	3	0.0	-20	25
112	1dS9	5	30	740	4.4	7	-15	-29	3	0.0	-16	29
112	1dS10	5	30	688	6.5	7	-15	-28	3	0.0	-14	31
112	1dS11	5	30	626	3.8	7	-15	-28	3	0.0	-17	29
112	2S1	5	30	628	3.8	7	-15	-28	3	0.0	-17	29
112	2S2	5	30	626	3.8	7	-15	-28	3	0.0	-17	29
112	2S3	5	30	688	6.5	7	-15	-28	3	0.0	-14	31
112	2S4	5	30	805	3.4	7	-15	-29	3	0.0	-17	28
112	2S5	5	30	870	4.2	7	-15	-29	3	0.0	-16	29
112	2S6	5	30	780	9.8	7	-15	-29	3	0.0	-13	33
112	2S7	5	30	680	2.6	7	-15	-28	3	0.0	-18	27
112	2S8	5	30	655	0.0	7	-15	-28	3	0.0	0	0
Total SPL at NSR												49

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project : Yau Tong Bay Reclamation

Ref : 21253

Date : 23 Jun 2000

NSR : RYTE2, Yau Tong Estate Redevelopment

Plant : PME / Heavy Vehicles

L _{wa} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	744	4.8	7	-15	-29	3	0.0	-16	30
112	1aS2	5	30	860	2.8	7	-15	-29	3	0.0	-18	27
112	1aS3	5	30	806	0.0	7	-15	-29	3	0.0	0	0
112	1aS4	5	30	792	1.9	7	-15	-29	3	0.0	-20	25
112	1bS1	5	30	263	39.3	7	-15	-24	3	0.0	-7	43
112	1bS2	5	30	428	32.4	7	-15	-26	3	0.0	-7	40
112	1bS3	5	30	374	9.7	7	-15	-26	3	0.0	-13	36
112	1bS4	5	30	348	2.7	7	-15	-25	3	0.0	-18	31
112	1cS1	5	30	428	32.4	7	-15	-26	3	0.0	-7	40
112	1cS2	5	30	590	25.0	7	-15	-28	3	0.0	-9	38
112	1cS3	5	30	530	4.5	7	-15	-27	3	0.0	-16	31
112	1cS4	5	30	510	1.4	7	-15	-27	3	0.0	-21	26
112	1cS5	5	30	595	4.1	7	-15	-28	3	0.0	-16	30
112	1dS1	5	30	590	25.0	7	-15	-28	3	0.0	-9	38
112	1dS2	5	30	640	1.2	7	-15	-28	3	0.0	-22	24
112	1dS3	5	30	678	3.0	7	-15	-28	3	0.0	-18	28
112	1dS4	5	30	710	3.4	7	-15	-29	3	0.0	-17	28
112	1dS5	5	30	740	1.2	7	-15	-29	3	0.0	-22	24
112	1dS6	5	30	790	2.9	7	-15	-29	3	0.0	-18	27
112	1dS7	5	30	845	12.8	7	-15	-29	3	0.0	-11	33
112	1dS8	5	30	790	0.0	7	-15	-29	3	0.0	0	0
112	1dS9	5	30	744	4.8	7	-15	-29	3	0.0	-16	30
112	1dS10	5	30	676	3.9	7	-15	-28	3	0.0	-17	29
112	1dS11	5	30	604	3.8	7	-15	-28	3	0.0	-17	30
112	2S1	5	30	596	4.1	7	-15	-28	3	0.0	-16	30
112	2S2	5	30	604	3.8	7	-15	-28	3	0.0	-17	30
112	2S3	5	30	676	3.9	7	-15	-28	3	0.0	-17	29
112	2S4	5	30	806	1.9	7	-15	-29	3	0.0	-20	25
112	2S5	5	30	868	4.4	7	-15	-29	3	0.0	-16	29
112	2S6	5	30	762	6.7	7	-15	-29	3	0.0	-14	31
112	2S7	5	30	646	2.6	7	-15	-28	3	0.0	-18	28
112	2S8	5	30	618	0.0	7	-15	-28	3	0.0	0	0
Total SPL at NSR												49

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project : Yau Tong Bay Reclamation

Ref : 21253

Date : 23 Jun 2000

NSR : RYCT, Yau Tong Centre

Plant : PME / Heavy Vehicles

L _{WA} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	735	3.0	7	-15	-29	3	-10.0	-18	18
112	1aS2	5	30	825	2.1	7	-15	-29	3	-10.0	-19	16
112	1aS3	5	30	755	5.1	7	-15	-29	3	-10.0	-15	20
112	1aS4	5	30	800	6.1	7	-15	-29	3	-10.0	-15	20
112	1bS1	5	30	410	7.2	7	-15	-26	3	-10.0	-14	24
112	1bS2	5	30	500	16.3	7	-15	-27	3	-10.0	-10	27
112	1bS3	5	30	345	23.7	7	-15	-25	3	-10.0	-9	30
112	1bS4	5	30	550	14.5	7	-15	-27	3	-10.0	-11	26
112	1cS1	5	30	500	16.3	7	-15	-27	3	-10.0	-10	27
112	1cS2	5	30	605	18.4	7	-15	-28	3	-10.0	-10	26
112	1cS3	5	30	455	13.7	7	-15	-27	3	-10.0	-11	26
112	1cS4	5	30	465	8.7	7	-15	-27	3	-10.0	-13	24
112	1cS5	5	30	712	2.8	7	-15	-29	3	-10.0	-18	18
112	1dS1	5	30	605	18.4	7	-15	-28	3	-10.0	-10	26
112	1dS2	5	30	545	3.8	7	-15	-27	3	-10.0	-17	20
112	1dS3	5	30	565	3.3	7	-15	-28	3	-10.0	-17	19
112	1dS4	5	30	595	0.0	7	-15	-28	3	-10.0	0	0
112	1dS5	5	30	635	0.0	7	-15	-28	3	-10.0	0	0
112	1dS6	5	30	675	7.9	7	-15	-28	3	-10.0	-14	22
112	1dS7	5	30	755	11.8	7	-15	-29	3	-10.0	-12	24
112	1dS8	5	30	755	5.2	7	-15	-29	3	-10.0	-15	20
112	1dS9	5	30	735	3.0	7	-15	-29	3	-10.0	-18	18
112	1dS10	5	30	720	10.1	7	-15	-29	3	-10.0	-13	23
112	1dS11	5	30	690	3.0	7	-15	-28	3	-10.0	-18	18
112	2S1	5	30	712	2.8	7	-15	-29	3	-10.0	-18	18
112	2S2	5	30	690	3.0	7	-15	-28	3	-10.0	-18	18
112	2S3	5	30	720	10.1	7	-15	-29	3	-10.0	-13	23
112	2S4	5	30	800	6.1	7	-15	-29	3	-10.0	-15	20
112	2S5	5	30	862	3.4	7	-15	-29	3	-10.0	-17	18
112	2S6	5	30	810	14.1	7	-15	-29	3	-10.0	-11	24
112	2S7	5	30	756	2.2	7	-15	-29	3	-10.0	-19	16
112	2S8	5	30	745	2.2	7	-15	-29	3	-10.0	-19	16
Total SPL at NSR												38

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project Yau Tong Bay Reclamation

Ref 21253

Date 23 Jan 2000

NSR RCKL, Houses at Cha Kwo Ling

Plant: PME / Heavy Vehicles

L _{max} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	460	2.1	7	-15	-27	3	0.0	-19	28
112	1aS2	5	30	470	2.3	7	-15	-27	3	0.0	-19	29
112	1aS3	5	30	485	15.4	7	-15	-27	3	0.0	-11	37
112	1aS4	5	30	430	15.5	7	-15	-26	3	0.0	-11	37
112	1bS1	5	30	785	11.8	7	-15	-29	3	-10.0	-12	23
112	1bS2	5	30	605	15.8	7	-15	-28	3	-10.0	-11	26
112	1bS3	5	30	760	11.2	7	-15	-29	3	-10.0	-12	23
112	1bS4	5	30	595	7.1	7	-15	-28	3	-10.0	-14	22
112	1cS1	5	30	605	15.8	7	-15	-28	3	-10.0	-11	26
112	1cS2	5	30	520	12.5	7	-15	-27	3	-10.0	-12	25
112	1cS3	5	30	675	13.7	7	-15	-28	3	-10.0	-11	25
112	1cS4	5	30	445	11.5	7	-15	-26	3	-10.0	-12	26
112	1cS5	5	30	390	5.4	7	-15	-26	3	-10.0	-15	23
112	1dS1	5	30	520	12.5	7	-15	-27	3	-10.0	-12	25
112	1dS2	5	30	640	6.2	7	-15	-28	3	-10.0	-15	22
112	1dS3	5	30	646	0.0	7	-15	-28	3	-10.0	0	0
112	1dS4	5	30	648	5.8	7	-15	-28	3	-10.0	-15	21
112	1dS5	5	30	625	0.0	7	-15	-28	3	-10.0	0	0
112	1dS6	5	30	630	8.3	7	-15	-28	3	-10.0	-13	23
112	1dS7	5	30	578	6.4	7	-15	-28	3	-10.0	-14	22
112	1dS8	5	30	485	15.2	7	-15	-27	3	-10.0	-11	27
112	1dS9	5	30	460	2.1	7	-15	-27	3	-10.0	-19	18
112	1dS10	5	30	420	22.7	7	-15	-26	3	-10.0	-9	29
112	1dS11	5	30	417	4.7	7	-15	-26	3	-10.0	-16	22
112	2S1	5	30	390	5.4	7	-15	-26	3	-10.0	-15	23
112	2S2	5	30	417	4.7	7	-15	-26	3	-10.0	-16	22
112	2S3	5	30	420	22.7	7	-15	-26	3	-10.0	-9	29
112	2S4	5	30	430	15.5	7	-15	-26	3	-10.0	-11	27
112	2S5	5	30	420	3.7	7	-15	-26	3	-10.0	-17	21
112	2S6	5	30	350	41.4	7	-15	-25	3	-10.0	-6	32
112	2S7	5	30	355	5.0	7	-15	-26	3	-10.0	-16	23
112	2S8	5	30	360	5.6	7	-15	-26	3	-10.0	-15	24
Total SPL at NSR												43

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project Yau Tong Bay Reclamation
 Ref 21253
 Date 23 Jun 2000

NSR REHC1, EHC Housing Estate
 Plant: PME / Heavy Vehicles

L _{wa} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	710	5.2	7	-15	-29	3	0.0	-15	30
112	1aS2	5	30	822	2.9	7	-15	-29	3	0.0	-18	27
112	1aS3	5	30	762	3.5	7	-15	-29	3	0.0	-17	28
112	1aS4	5	30	768	1.0	7	-15	-29	3	0.0	-23	23
112	1bS1	5	30	358	15.1	7	-15	-26	3	0.0	-11	38
112	1bS2	5	30	450	24.0	7	-15	-27	3	0.0	-9	39
112	1bS3	5	30	493	16.1	7	-15	-27	3	0.0	-10	37
112	1bS4	5	30	325	24.8	7	-15	-25	3	0.0	-9	40
112	1cS1	5	30	450	24.0	7	-15	-27	3	0.0	-9	39
112	1cS2	5	30	581	21.9	7	-15	-28	3	0.0	-9	37
112	1cS3	5	30	598	10.5	7	-15	-28	3	0.0	-12	34
112	1cS4	5	30	440	12.5	7	-15	-26	3	0.0	-12	36
112	1cS5	5	30	520	3.9	7	-15	-27	3	0.0	-17	30
112	1dS1	5	30	581	21.9	7	-15	-28	3	0.0	-9	37
112	1dS2	5	30	688	3.3	7	-15	-28	3	0.0	-17	28
112	1dS3	5	30	725	2.3	7	-15	-29	3	0.0	-19	27
112	1dS4	5	30	754	4.6	7	-15	-29	3	0.0	-16	30
112	1dS5	5	30	772	1.2	7	-15	-29	3	0.0	-22	24
112	1dS6	5	30	824	0.0	7	-15	-29	3	0.0	0	0
112	1dS7	5	30	846	12.2	7	-15	-29	3	0.0	-12	33
112	1dS8	5	30	768	3.3	7	-15	-29	3	0.0	-17	28
112	1dS9	5	30	710	5.2	7	-15	-29	3	0.0	-15	30
112	1dS10	5	30	630	1.7	7	-15	-28	3	0.0	-20	26
112	1dS11	5	30	545	3.3	7	-15	-27	3	0.0	-17	29
112	2S1	5	30	520	3.9	7	-15	-27	3	0.0	-17	30
112	2S2	5	30	545	3.3	7	-15	-27	3	0.0	-17	29
112	2S3	5	30	630	1.7	7	-15	-28	3	0.0	-20	26
112	2S4	5	30	762	1.0	7	-15	-29	3	0.0	-23	23
112	2S5	5	30	814	4.7	7	-15	-29	3	0.0	-16	29
112	2S6	5	30	690	0.0	7	-15	-28	3	0.0	0	0
112	2S7	5	30	568	2.2	7	-15	-28	3	0.0	-19	28
112	2S8	5	30	530	2.6	7	-15	-27	3	0.0	-18	29
Total SPL at NSR												49

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project: Yau Tong Bay Reclamation

Ref: 21253

Date: 23 Jun 2000

NSR: REHC2, EHC Housing Estate

Plant: PME / Heavy Vehicles

L ₁₀ dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	550	6.5	7	-15	-27	3	0.0	-14	32
112	1aS2	5	30	658	3.5	7	-15	-28	3	0.0	-17	29
112	1aS3	5	30	598	5.8	7	-15	-28	3	0.0	-15	32
112	1aS4	5	30	608	2.6	7	-15	-28	3	0.0	-18	28
112	1bS1	5	30	324	0.0	7	-15	-25	3	0.0	0	0
112	1bS2	5	30	343	20.5	7	-15	-25	3	0.0	-9	39
112	1bS3	5	30	448	21.0	7	-15	-27	3	0.0	-9	38
112	1bS4	5	30	226	41.6	7	-15	-24	3	0.0	-6	44
112	1cS1	5	30	343	20.5	7	-15	-25	3	0.0	-9	39
112	1cS2	5	30	440	24.5	7	-15	-26	3	0.0	-9	39
112	1cS3	5	30	498	15.8	7	-15	-27	3	0.0	-11	37
112	1cS4	5	30	280	25.0	7	-15	-24	3	0.0	-9	41
112	1cS5	5	30	352	5.0	7	-15	-25	3	0.0	-16	33
112	1dS1	5	30	440	24.5	7	-15	-26	3	0.0	-9	39
112	1dS2	5	30	566	5.0	7	-15	-28	3	0.0	-16	31
112	1dS3	5	30	600	2.2	7	-15	-28	3	0.0	-19	27
112	1dS4	5	30	625	6.0	7	-15	-28	3	0.0	-15	31
112	1dS5	5	30	637	1.4	7	-15	-28	3	0.0	-21	25
112	1dS6	5	30	686	1.2	7	-15	-28	3	0.0	-22	24
112	1dS7	5	30	696	14.0	7	-15	-28	3	0.0	-11	35
112	1dS8	5	30	608	5.5	7	-15	-28	3	0.0	-15	31
112	1dS9	5	30	550	6.5	7	-15	-27	3	0.0	-14	32
112	1dS10	5	30	468	5.3	7	-15	-27	3	0.0	-15	32
112	1dS11	5	30	382	3.8	7	-15	-26	3	0.0	-17	32
112	2S1	5	30	352	5.0	7	-15	-25	3	0.0	-16	33
112	2S2	5	30	382	3.8	7	-15	-26	3	0.0	-17	32
112	2S3	5	30	468	5.3	7	-15	-27	3	0.0	-15	32
112	2S4	5	30	598	2.6	7	-15	-28	3	0.0	-18	28
112	2S5	5	30	644	5.8	7	-15	-28	3	0.0	-15	31
112	2S6	5	30	528	3.4	7	-15	-27	3	0.0	-17	30
112	2S7	5	30	386	2.6	7	-15	-26	3	0.0	-18	30
112	2S8	5	30	355	4.7	7	-15	-26	3	0.0	-16	33
Total SPL at NSR												51

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project Yau Tong Bay Reclamation

Ref 21253

Date 23 Jun 2000

NSR RSCH1, School operate in 9/99

Plant: PME / Heavy Vehicles

L _{eq} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for					Contribution from each segment dB(A)	
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier* dB(A)		View angle dB(A)
112	1aS1	5	30	755	4.9	7	-15	-29	3	0	-16	30
112	1aS2	5	30	872	2.8	7	-15	-29	3	0	-18	27
112	1aS3	5	30	816	1.6	7	-15	-29	3	0	-21	25
112	1aS4	5	30	808	0.0	7	-15	-29	3	0	0	0
112	1bS1	5	30	311	28.8	7	-15	-25	3	0	-8	41
112	1bS2	5	30	455	29.0	7	-15	-27	3	0	-8	40
112	1bS3	5	30	442	13.1	7	-15	-26	3	0	-11	36
112	1bS4	5	30	348	13.1	7	-15	-25	3	0	-11	37
112	1cS1	5	30	455	29.0	7	-15	-27	3	0	-8	40
112	1cS2	5	30	610	23.4	7	-15	-28	3	0	-9	38
112	1cS3	5	30	580	7.2	7	-15	-28	3	0	-14	33
112	1cS4	5	30	500	5.8	7	-15	-27	3	0	-15	32
112	1cS5	5	30	584	4.0	7	-15	-28	3	0	-17	30
112	1dS1	5	30	610	23.4	7	-15	-28	3	0	-9	38
112	1dS2	5	30	686	2.1	7	-15	-28	3	0	-19	27
112	1dS3	5	30	724	2.6	7	-15	-29	3	0	-18	27
112	1dS4	5	30	755	3.8	7	-15	-29	3	0	-17	29
112	1dS5	5	30	783	1.2	7	-15	-29	3	0	-22	24
112	1dS6	5	30	834	1.7	7	-15	-29	3	0	-20	25
112	1dS7	5	30	874	12.3	7	-15	-29	3	0	-12	33
112	1dS8	5	30	808	1.4	7	-15	-29	3	0	-21	24
112	1dS9	5	30	755	4.9	7	-15	-29	3	0	-16	30
112	1dS10	5	30	682	1.5	7	-15	-28	3	0	-21	25
112	1dS11	5	30	602	3.6	7	-15	-28	3	0	-17	29
112	2S1	5	30	584	4.0	7	-15	-28	3	0	-17	30
112	2S2	5	30	602	3.6	7	-15	-28	3	0	-17	29
112	2S3	5	30	682	1.5	7	-15	-28	3	0	-21	25
112	2S4	5	30	816	0.0	7	-15	-29	3	0	0	0
112	2S5	5	30	874	4.4	7	-15	-29	3	0	-16	29
112	2S6	5	30	758	3.7	7	-15	-29	3	0	-17	29
112	2S7	5	30	632	2.4	7	-15	-28	3	0	-19	27
112	2S8	5	30	602	1.1	7	-15	-28	3	0	-22	24
Total SPL at NSR											49	

* - attenuation of 10dB(A) provided by window insulation and air-conditioners

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project : Yau Tong Bay Reclamation
 Ref : 21253
 Date : 23 Jun 2000

NSR : RSCH2, School operate in 9/99
 Plant: PME / Heavy Vehicles

L _{sk} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier* dB(A)	View angle dB(A)	
112	1aS1	5	30	730	4.7	7	-15	-29	3	0	-16	30
112	1aS2	5	30	845	2.7	7	-15	-29	3	0	-18	27
112	1aS3	5	30	795	0.0	7	-15	-29	3	0	0	0
112	1aS4	5	30	776	2.7	7	-15	-29	3	0	-18	27
112	1bS1	5	30	246	42.7	7	-15	-24	3	0	-6	44
112	1bS2	5	30	415	33.4	7	-15	-26	3	0	-7	41
112	1bS3	5	30	334	5.8	7	-15	-25	3	0	-15	34
112	1bS4	5	30	356	3.5	7	-15	-26	3	0	-17	32
112	1cS1	5	30	415	33.4	7	-15	-26	3	0	-7	41
112	1cS2	5	30	575	25.7	7	-15	-28	3	0	-8	38
112	1cS3	5	30	496	2.3	7	-15	-27	3	0	-19	28
112	1cS4	5	30	518	1.1	7	-15	-27	3	0	-22	25
112	1cS5	5	30	600	4.1	7	-15	-28	3	0	-16	30
112	1dS1	5	30	575	25.7	7	-15	-28	3	0	-8	38
112	1dS2	5	30	610	0.0	7	-15	-28	3	0	0	0
112	1dS3	5	30	647	3.2	7	-15	-28	3	0	-18	29
112	1dS4	5	30	680	3.1	7	-15	-28	3	0	-18	28
112	1dS5	5	30	714	1.2	7	-15	-29	3	0	-22	24
112	1dS6	5	30	763	3.6	7	-15	-29	3	0	-17	28
112	1dS7	5	30	820	13.1	7	-15	-29	3	0	-11	34
112	1dS8	5	30	776	0.0	7	-15	-29	3	0	0	0
112	1dS9	5	30	730	4.7	7	-15	-29	3	0	-16	30
112	1dS10	5	30	670	5.3	7	-15	-28	3	0	-15	31
112	1dS11	5	30	603	3.9	7	-15	-28	3	0	-17	30
112	2S1	5	30	600	4.1	7	-15	-28	3	0	-16	30
112	2S2	5	30	603	3.9	7	-15	-28	3	0	-17	30
112	2S3	5	30	670	5.3	7	-15	-28	3	0	-15	31
112	2S4	5	30	795	2.7	7	-15	-29	3	0	-18	27
112	2S5	5	30	860	4.4	7	-15	-29	3	0	-16	29
112	2S6	5	30	760	8.4	7	-15	-29	3	0	-13	32
112	2S7	5	30	652	2.6	7	-15	-28	3	0	-18	28
112	2S8	5	30	625	0.0	7	-15	-28	3	0	0	0
Total SPL at NSR												49

* - attenuation of 10dB(A) provided by window insulation and air-conditioners

PREDICTION OF NOISE FROM MOBILE PLANTS (as per BS5228 Part 1)

Project : Yau Tong Bay Reclamation

Ref : 21253

Date : 23 Jun 2000

NSR : RSCH3, 3 schools operate in 9/2004

Plant : PME / Heavy Vehicles

L _{wa} dB(A)	Segment No.	Traffic flow veh/hr	Speed kph	Distance m	View angle deg	Corrections for						Contribution from each segment dB(A)
						Traffic flow dB(A)	Speed dB(A)	Distance dB(A)	Facade dB(A)	Barrier dB(A)	View angle dB(A)	
112	1aS1	5	30	497	7.4	7	-15	-27	3	0	-14	33
112	1aS2	5	30	610	3.9	7	-15	-28	3	0	-17	30
112	1aS3	5	30	550	5.0	7	-15	-27	3	0	-16	31
112	1aS4	5	30	554	1.2	7	-15	-27	3	0	-22	25
112	1bS1	5	30	235	4.5	7	-15	-24	3	0	-16	34
112	1bS2	5	30	268	33.5	7	-15	-24	3	0	-7	43
112	1bS3	5	30	347	26.4	7	-15	-25	3	0	-8	40
112	1bS4	5	30	136	63.6	7	-15	-21	3	0	-5	48
112	1cS1	5	30	268	33.5	7	-15	-24	3	0	-7	43
112	1cS2	5	30	372	32.3	7	-15	-26	3	0	-7	41
112	1cS3	5	30	412	18.2	7	-15	-26	3	0	-10	38
112	1cS4	5	30	226	24.2	7	-15	-24	3	0	-9	42
112	1cS5	5	30	308	6.8	7	-15	-25	3	0	-14	35
112	1dS1	5	30	372	32.3	7	-15	-26	3	0	-7	41
112	1dS2	5	30	488	5.3	7	-15	-27	3	0	-15	32
112	1dS3	5	30	524	2.8	7	-15	-27	3	0	-18	29
112	1dS4	5	30	551	6.6	7	-15	-27	3	0	-14	32
112	1dS5	5	30	566	1.6	7	-15	-28	3	0	-21	26
112	1dS6	5	30	616	0.0	7	-15	-28	3	0	0	0
112	1dS7	5	30	635	16.0	7	-15	-28	3	0	-11	36
112	1dS8	5	30	554	4.7	7	-15	-27	3	0	-16	31
112	1dS9	5	30	497	7.4	7	-15	-27	3	0	-14	33
112	1dS10	5	30	416	2.5	7	-15	-26	3	0	-19	29
112	1dS11	5	30	330	5.5	7	-15	-25	3	0	-15	34
112	2S1	5	30	308	6.8	7	-15	-25	3	0	-14	35
112	2S2	5	30	330	5.5	7	-15	-25	3	0	-15	34
112	2S3	5	30	416	2.5	7	-15	-26	3	0	-19	29
112	2S4	5	30	550	1.2	7	-15	-27	3	0	-22	25
112	2S5	5	30	602	6.3	7	-15	-28	3	0	-15	32
112	2S6	5	30	480	1.3	7	-15	-27	3	0	-21	26
112	2S7	5	30	348	3.8	7	-15	-25	3	0	-17	32
112	2S8	5	30	318	3.5	7	-15	-25	3	0	-17	32
Total SPL at NSR												53

* - attenuation of 10dB(A) provided by window insulation and air-conditioners