



E S Laboratories (M) Sdn Bhd (251842-A)


Kuantan Office: B2, Jalan Gebeng 2/7, Kawasan Perindustrian Gebeng, 26080 Gebeng, Kuantan, Pahang.
Tel: 09-5838460/1/2 Fax: 09-5838463 E-mail: envisc@tm.net.my

Certificates Of Analysis

Company : Environ Consulting Services (M) Sdn. Bhd.
Registration No : K-CQ0711CES-0010
Sampling Point : 1. A1: At an open space within the proposed project site, located at the south east direction. [N04° 00.552' E103° 22.976']
2. A2: At an open space within the proposed project site, located at the north east direction. [N04° 00.740' E103° 22.416']
3. A3: At an open space within the proposed project site, located at the south west direction. [N04° 00.740' E103° 22.416']
4. A4: At an open space within the proposed project site, located at the west direction. [N04° 00.267' E103° 22.279']
Sampling Date : 29-10-2007 to 01-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Concentrations of total suspended particulates and particulate matter 10 μ m in the ambient air at the four (4) monitoring stations are tabulated as below:

Point	Results ($\mu\text{g}/\text{m}^3$)	
	Total Suspended Particulate (TSP)	Particulate Matter 10 μ m (PM10)
A1	20	11
A2	23	14
A3	33	15
A4	30	16
Malaysian Recommended Air Quality Guidelines	260 $\mu\text{g}/\text{m}^3$ (24 hours averaging time)	150 $\mu\text{g}/\text{m}^3$ (24 hours averaging time)
Method Used	ASTM D4096, 1993	


Lily Suryani Yusof, LMIC
(Chemist)

Note:

1. This report shall not be reproduced in anyway without the written approval of ES Laboratories (M) Sdn. Bhd.

Attention : Ms. Viji Samuel
Address : **Environ Consulting Services (M) Sdn. Bhd.**
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46350 Petaling Jaya, Selangor.



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Company : Environ Consulting Services (M) Sdn. Bhd.
 Registration No : K-CQ0711CES-0010
 Sampling Point : N1: At an open space within the proposed project site, located at the south east direction. [N04° 00.296' E103° 23.039']
 Sampling Date : 30-10-2007 to 31-11-2007
 Receiving Date : 05-11-2007
 Reporting Date : 26-11-2007

Noise levels recorded at point N1 during daytime and nighttime are tabulated as follows:-

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/30/2007 (Daytime)	17:56:14	56.1	84.8	39.2	51.2	41.4	Daytime = 70dBA Nighttime = 60dBA
	18:11:14	44.7	54.7	40.8	45.9	42.8	
	18:26:14	46.0	51.4	40.9	47.6	43.5	
	18:41:14	47.3	52.7	42.8	49.2	45.1	
	18:56:14	54.8	59.2	45.6	58.0	47.4	
	19:11:14	58.3	60.4	52.6	59.1	57.5	
	19:26:14	58.1	59.5	53.0	58.6	57.7	
	19:41:14	56.9	59.0	49.4	58.0	51.8	
	19:56:14	52.8	56.3	48.4	54.3	50.6	
	20:11:14	53.6	57.6	50.5	54.5	52.5	
	20:26:14	54.1	59.0	49.9	55.7	52.5	
	20:41:14	54.1	58.5	48.6	55.8	51.7	
	20:56:14	53.9	57.3	49.2	54.9	52.5	
	21:11:14	53.6	58.1	48.1	55.3	50.8	
	21:26:14	52.8	57.5	49.0	54.3	51.3	
	21:41:14	53.0	56.4	48.2	54.3	51.4	
	21:56:14	54.2	58.7	50.0	56.0	52.3	
		Average	53.2	58.9	47.4	54.3	
10/30/2007 (Nighttime)	22:11:14	52.1	57.3	47.5	54.1	49.8	
	22:26:14	52.0	55.9	47.0	53.4	50.3	
	22:41:14	52.4	55.8	48.7	53.6	50.9	
	22:56:14	53.5	68.5	47.1	53.5	50.5	
	23:11:14	51.4	54.4	47.7	52.3	50.1	
	23:26:14	51.4	54.6	46.4	52.6	48.8	
	23:41:14	52.3	64.0	47.6	52.5	49.6	
10/31/2007	23:56:14	51.6	58.4	49.2	52.5	50.5	
	0:11:14	50.5	56.0	47.5	51.7	49.2	
	0:26:14	51.2	55.0	48.7	52.0	50.4	
	0:41:14	50.1	54.0	47.6	51.0	49.2	
	0:56:14	49.8	53.3	47.0	50.8	48.8	
	1:11:14	51.5	54.5	48.9	52.5	50.2	
	1:26:14	50.9	53.6	47.9	51.7	50.2	
	1:41:14	51.0	56.1	47.8	52.5	48.8	
	1:56:14	51.5	55.2	47.6	53.1	49.7	
	2:11:14	48.7	53.8	45.4	50.5	46.7	
	2:26:14	50.3	57.8	46.1	52.1	47.4	
2:41:14	50.4	55.1	45.2	52.2	48.0		
2:56:14	47.3	54.1	45.0	48.8	46.1		
3:11:14	47.8	54.9	44.0	49.4	46.2		



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Sampling Date : 30-10-2007 to 31-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/31/2007 (Nighttime)	3:26:14	48.6	57.5	43.2	50.4	45.9	Daytime = 70dBA Nighttime = 60dBA
	3:41:14	48.4	55.3	44.5	50.2	46.2	
	3:56:14	49.0	53.4	45.3	50.7	46.8	
	4:11:14	48.4	53.0	44.7	50.3	45.9	
	4:26:14	47.6	52.4	44.8	49.5	46.0	
	4:41:14	48.1	52.2	45.9	49.7	47.1	
	4:56:14	48.4	52.3	45.6	50.0	47.0	
	5:11:14	48.0	52.0	45.8	50.0	46.7	
	5:26:14	48.2	60.4	44.9	50.1	46.4	
	5:41:14	49.4	52.3	46.8	51.1	48.2	
	5:56:14	50.2	53.3	48.2	51.8	49.1	
	6:11:14	50.2	54.4	47.7	51.8	48.9	
	6:26:14	50.1	53.0	48.0	51.5	49.1	
	6:41:14	49.7	53.9	46.9	51.2	48.8	
	6:56:14	48.6	52.7	45.9	50.1	47.3	
		Average	50.0	55.3	46.6	51.4	
10/31/2007 (Daytime)	7:11:14	47.8	54.1	45.9	48.6	47.0	
	7:26:14	48.8	58.8	46.4	50.3	47.5	
	7:41:14	49.1	55.6	47.0	49.9	48.0	
	7:56:14	49.5	56.2	46.6	50.3	48.8	
	8:11:14	48.9	59.3	46.4	49.2	48.1	
	8:26:14	47.9	58.6	45.6	48.7	46.9	
	8:41:14	47.8	50.7	45.9	48.4	47.2	
	8:56:14	46.7	50.9	44.9	47.3	46.0	
	9:11:14	46.3	51.8	44.3	47.0	45.6	
	9:26:14	46.1	52.6	43.4	46.8	45.2	
	9:41:14	46.6	56.4	42.3	47.9	44.5	
	9:56:14	52.1	67.2	43.2	52.2	45.1	
	10:11:14	50.1	66.5	43.8	49.6	45.2	
	10:26:14	46.4	55.7	41.6	47.8	44.5	
	10:41:14	45.8	58.2	41.0	47.1	43.0	
	10:56:14	44.0	58.4	38.8	45.4	42.1	
11:11:14	50.0	67.4	40.2	49.8	43.0		
11:26:14	44.7	59.8	40.3	46.0	42.7		
11:41:14	43.2	54.3	34.6	46.0	39.2		
11:56:14	55.5	83.6	31.9	47.8	36.2		
12:11:14	43.0	68.9	35.1	41.7	37.6		
12:26:14	41.1	66.6	31.5	41.0	36.6		
12:41:14	35.7	55.3	27.4	37.5	30.1		
12:56:14	40.4	51.2	34.7	42.0	38.1		



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Certificates Of Analysis

Company : Environ Consulting Services (M) Sdn. Bhd.
Registration No : K-CQ0711CES-0010
Sampling Point : N2: At an open space, within the proposed project site, located at the north east direction. [N04° 00.761' E103° 22.459']
Sampling Date : 30-10-2007 to 31-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Noise levels recorded at point N2 during daytime and nighttime are tabulated as follows:-

Date Monitored	Time Monitored	L _{Aeq} In dBA	L _A Max In dBA	L _A Min In dBA	L _{A10} In dBA	L _{A90} In dBA	Recommended Noise Level
10/30/2007 (Daytime)	15:18:21	61.4	88.8	35.5	58.7	38.5	Daytime = 70dBA Nighttime = 60dBA
	15:33:21	41.4	50.5	36.1	43.5	38.6	
	15:48:21	43.3	50.0	35.2	45.6	39.7	
	16:03:21	42.2	50.5	36.3	44.3	39.2	
	16:18:21	41.7	49.5	35.0	44.1	38.2	
	16:33:21	40.0	47.4	34.2	42.5	36.7	
	16:48:21	40.3	55.4	35.6	41.6	37.9	
	17:03:21	44.9	52.7	38.4	46.4	41.2	
	17:18:21	52.6	57.3	40.9	55.7	45.7	
	17:33:21	48.8	55.5	42.4	51.6	45.5	
	17:48:21	44.6	52.4	40.9	46.1	42.8	
	18:03:21	44.9	51.4	40.6	46.4	43.1	
	18:18:21	45.2	50.9	39.8	46.9	42.9	
	18:33:21	46.2	52.4	40.4	48.0	43.3	
	18:48:21	46.1	51.3	38.6	48.3	42.1	
	19:03:21	49.1	63.0	39.1	51.0	45.7	
	19:18:21	50.7	55.3	45.9	51.6	49.7	
	19:33:21	50.5	54.8	44.6	51.6	49.1	
	19:48:21	51.1	54.7	45.1	52.1	49.7	
	20:03:21	50.0	52.9	45.4	51.2	48.4	
20:18:21	49.7	56.4	43.5	50.6	47.6		
20:33:21	49.6	53.0	40.9	50.8	47.8		
20:48:21	48.8	52.7	41.1	50.4	46.7		
21:03:21	48.3	54.9	38.7	49.8	46.4		
21:18:21	47.6	53.1	40.8	49.1	45.8		
21:33:21	47.4	51.1	40.7	48.7	45.6		
21:48:21	47.8	52.5	40.3	49.4	45.6		
	Average	47.2	54.5	39.9	48.7	43.8	
10/30/2007 (Nighttime)	22:03:21	46.9	50.9	40.1	48.3	45.0	
	22:18:21	46.6	51.3	39.3	48.1	44.5	
	22:33:21	46.3	51.0	39.2	48.1	43.2	
	22:48:21	46.4	51.3	40.0	48.3	43.3	
	23:03:21	44.5	50.5	39.4	46.9	41.2	
	23:18:21	43.8	49.9	38.2	46.3	40.1	
10/31/2007	23:33:21	44.3	50.4	37.9	46.9	39.7	
	23:48:21	44.2	51.7	38.8	46.8	40.6	
	0:03:21	41.5	46.7	39.4	42.5	40.6	
	0:18:21	41.8	47.8	38.7	43.3	40.5	
	0:33:21	42.4	55.0	39.0	43.9	40.8	
	0:48:21	42.9	58.4	39.3	44.2	41.3	
	1:03:21	43.8	48.2	40.8	45.2	42.3	



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Certificates Of Analysis

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 Sampling Point : N2: At an open space, within the proposed project site, located at the north east direction. [N04° 00.761' E103° 22.459']
 Sampling Date : 30-10-2007 to 31-11-2007
 Receiving Date : 05-11-2007
 Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/31/2007 (Nighttime)	1:18:21	42.9	46.6	40.5	43.9	41.8	Daytime = 70dBA Nighttime = 60dBA
	1:33:21	42.2	52.5	39.8	43.0	41.3	
	1:48:21	41.1	45.4	38.8	42.2	40.1	
	2:03:21	42.5	53.1	38.4	43.7	39.8	
	2:18:21	44.9	55.8	38.6	48.5	40.3	
	2:33:21	46.1	56.2	38.5	51.4	40.1	
	2:48:21	45.1	55.5	38.4	50.1	39.7	
	3:03:21	44.3	55.0	39.1	47.2	40.4	
	3:18:21	44.4	54.0	40.6	45.0	42.6	
	3:33:21	41.0	51.1	37.4	42.1	39.5	
	3:48:21	41.9	50.2	38.6	43.2	40.7	
	4:03:21	44.3	54.0	41.0	46.2	42.6	
	4:18:21	45.2	52.1	42.0	46.4	43.7	
	4:33:21	43.2	48.8	40.8	44.0	42.2	
	4:48:21	44.3	55.8	41.3	45.6	42.8	
	5:03:21	44.5	50.0	41.5	45.9	43.0	
	5:18:21	43.1	52.8	38.4	46.2	39.9	
	5:33:21	46.8	51.4	41.3	48.9	44.1	
	5:48:21	47.9	61.5	42.5	49.5	45.0	
6:03:21	48.1	55.7	43.0	49.7	45.7		
6:18:21	49.0	52.0	43.2	50.4	46.6		
6:33:21	50.0	53.5	46.2	51.1	48.8		
6:48:21	50.6	53.2	47.7	51.6	49.7		
	Average	44.7	52.2	40.2	46.5	42.3	
10/31/2007 (Daytime)	7:03:21	50.9	63.0	47.5	51.6	49.9	
	7:18:21	49.3	56.3	45.2	50.5	47.3	
	7:33:21	50.7	53.1	47.5	51.6	49.6	
	7:48:21	51.3	55.5	47.9	52.1	50.2	
	8:03:21	49.6	53.2	46.1	50.3	48.7	
	8:18:21	49.6	53.2	45.9	50.9	48.2	
	8:33:21	49.4	52.9	46.2	50.1	48.4	
	8:48:21	48.8	53.5	43.6	50.4	45.9	
	9:03:21	45.4	49.7	40.9	47.2	43.0	
	9:18:21	43.4	51.8	38.8	44.7	41.7	
	9:33:21	46.6	64.7	38.7	47.7	42.7	
	9:48:21	48.2	64.6	36.9	49.1	40.3	
	10:03:21	39.8	52.7	35.7	41.1	37.4	
10:18:21	47.4	67.4	36.8	47.6	39.0		
10:33:21	43.0	57.5	37.0	44.1	38.6		
10:48:21	41.9	48.4	36.1	43.7	38.1		
11:03:21	48.3	64.0	36.4	49.4	38.5		



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[N04° 00.761' E103° 22.459']
Sampling Date : 30-10-2007 to 31-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/31/2007 (Daytime)	11:18:21	42.2	49.4	35.8	45.0	38.4	Daytime = 70dBA Nighttime = 60dBA
	11:33:21	42.3	56.6	33.6	45.0	36.6	
	11:48:21	38.6	60.8	32.8	40.7	34.7	
	12:03:21	45.6	63.3	37.3	47.1	39.4	
	12:18:21	40.7	46.2	34.2	43.9	36.2	
	12:33:21	39.1	59.3	32.3	39.5	34.5	
	12:48:21	35.3	50.8	32.2	36.5	33.6	
	13:03:21	37.5	49.5	33.5	38.9	35.6	
	13:18:21	38.0	44.3	34.5	39.1	36.5	
	13:33:21	39.1	52.2	36.4	40.1	37.9	
	13:48:21	39.0	54.1	35.4	40.0	37.2	
	14:03:21	40.2	53.5	37.3	41.6	38.9	
	14:18:21	40.5	57.1	36.6	42.0	38.5	
	14:33:21	38.8	48.7	35.9	39.7	37.8	
	14:48:21	39.9	54.5	36.5	40.8	38.4	
	15:03:21	57.0	82.8	38.7	58.3	41.5	
	Average	44.2	55.9	38.5	45.5	40.7	

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Lily Suryani Yusof., LMIC
(Chemist)

Note:

1. This report shall not be reproduced in anyway without the written approval of ES Laboratories (M) Sdn. Bhd.
2. * Maximum Permissible Sound Level (LAeq) for Designated Industrial Zones as stipulated under Annex A: Schedule of Permissible Sound Levels – Schedule 1, The Planning Guidelines for Environmental Noise Limits and Control by Department of Environment, 2004 are:
 - a) Daytime (7.00 am to 10.00 pm) : 70 dBA
 - b) Night time (10.00 pm to 7.00 am) : 60 dBA

Attention : Ms. Viji Samuel
Address : **Environ Consulting Services (M) Sdn. Bhd.**
A307, Phileo Damansara 2,
15, Jalan 16/11, Off Jalan Damansara,
46350 Petaling Jaya, Selangor.



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Registration No : K-CQ0711CES-0010
Sampling Point : N3: At an open space within the proposed project site, located at the south west direction. [N03° 59.907' E103° 22.459']
Sampling Date : 29-10-2007 to 30-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Noise levels recorded at point N3 during daytime and night time are tabulated as follows:-

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/29/2007 (Daytime)	12:22:01	55.0	90.2	37.0	53.7	38.6	Daytime = 70dBA Nighttime = 60dBA
	12:37:01	40.5	56.7	37.6	41.7	38.9	
	12:52:01	43.5	59.7	38.4	44.1	40.2	
	13:07:01	45.4	51.6	41.1	47.1	42.8	
	13:22:01	44.7	50.7	41.8	45.8	43.1	
	13:37:01	42.6	54.1	40.4	43.3	41.4	
	13:52:01	43.9	52.2	40.7	45.6	42.0	
	14:07:01	44.4	55.4	42.3	45.7	43.3	
	14:22:01	43.7	51.5	41.8	44.3	42.8	
	14:37:01	43.9	56.9	42.1	44.5	43.2	
	14:52:01	43.4	48.1	41.1	44.1	42.7	
	15:07:01	43.7	60.2	40.7	45.4	42.1	
	15:22:01	59.8	89.8	36.9	59.4	40.9	
	15:37:01	61.0	92.4	35.6	58.0	37.5	
	15:52:01	41.9	54.8	36.5	44.0	38.4	
	16:07:01	44.1	48.6	36.5	46.0	41.3	
	16:22:01	43.2	48.6	36.7	44.6	41.0	
	16:37:01	40.9	55.0	35.8	43.4	37.4	
	16:52:01	40.2	52.2	35.8	41.4	38.4	
	17:07:01	41.8	60.9	38.2	42.9	40.1	
	17:22:01	41.2	55.2	37.7	42.2	39.6	
	17:37:01	41.4	52.1	38.7	42.4	40.3	
	17:52:01	41.5	54.6	38.6	42.5	40.3	
	18:07:01	43.0	59.6	38.3	44.9	40.3	
	18:22:01	45.0	52.8	39.7	47.9	42.0	
	18:37:01	45.3	50.0	39.3	47.3	42.9	
	18:52:01	44.3	48.3	40.0	45.9	42.4	
	19:07:01	44.0	52.3	39.6	46.0	41.8	
	19:22:01	44.2	48.6	38.5	46.1	41.9	
	19:37:01	41.4	52.8	33.8	43.5	38.4	
19:52:01	48.2	61.3	35.3	51.8	41.0		
20:07:01	51.2	59.7	47.7	52.8	49.3		
20:22:01	51.8	58.9	49.2	53.5	50.5		
20:37:01	52.5	62.0	49.4	53.7	51.0		
20:52:01	48.9	58.7	41.7	51.3	44.4		
21:07:01	42.8	56.6	37.7	44.7	40.0		
21:22:01	42.0	54.1	36.7	44.1	38.9		
21:37:01	42.0	57.6	37.0	43.6	39.7		
21:52:01	41.9	55.9	36.6	43.2	39.9		
	Average	45.1	57.5	39.3	46.5	41.6	



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Certificates Of Analysis

Company : Environ Consulting Services (M) Sdn. Bhd.
Registration No : K-CQ0711CES-0010
Sampling Point : N3: At an open space within the proposed project site, located at the south west direction. [N03° 59.907' E103° 22.459']
Sampling Date : 29-10-2007 to 30-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/29/2007 (Nighttime)	22:07:01	41.1	58.6	36.2	42.6	38.9	Daytime = 70dBA Nighttime = 60dBA
	22:22:01	43.7	60.5	38.5	45.2	41.2	
	22:37:01	41.4	56.3	35.8	43.3	38.5	
	22:52:01	42.5	56.1	36.1	44.1	40.0	
	23:07:01	41.5	54.0	35.8	43.4	38.4	
	23:22:01	40.1	55.3	34.8	41.9	37.4	
	23:37:01	39.7	52.5	34.8	41.1	37.6	
10/30/2007	23:52:01	41.9	53.6	36.3	43.2	40.1	
	0:07:01	42.7	52.9	37.8	44.0	41.2	
	0:22:01	42.2	49.7	35.9	43.7	40.3	
	0:37:01	41.0	52.8	35.8	41.8	39.4	
	0:52:01	40.9	52.7	35.9	42.3	39.0	
	1:07:01	41.8	49.3	36.9	43.0	40.1	
	1:22:01	42.1	54.6	36.1	45.0	39.3	
	1:37:01	40.7	47.8	36.2	42.3	38.8	
	1:52:01	40.9	51.1	36.2	41.9	39.5	
	2:07:01	41.3	54.2	36.9	42.3	39.7	
	2:22:01	40.4	47.9	36.0	41.6	38.7	
	2:37:01	39.7	49.7	34.9	40.8	37.6	
	2:52:01	40.1	44.7	34.8	41.8	38.0	
	3:07:01	42.0	50.5	37.3	43.0	40.4	
	3:22:01	40.5	44.6	35.1	41.7	38.2	
	3:37:01	40.5	46.9	35.1	41.7	37.9	
	3:52:01	40.7	43.2	35.3	41.7	38.0	
	4:07:01	40.6	48.2	34.8	42.3	37.4	
	4:22:01	39.4	43.3	34.3	41.3	36.6	
	4:37:01	41.3	46.2	36.4	42.6	39.2	
	4:52:01	42.4	47.8	38.5	43.4	40.9	
	5:07:01	42.7	45.7	39.2	43.8	41.1	
	5:22:01	43.2	46.5	40.4	44.0	42.4	
5:37:01	43.9	48.0	39.4	45.7	42.1		
5:52:01	46.3	50.3	40.4	47.8	44.3		
6:07:01	48.4	68.3	42.1	49.6	46.2		
6:22:01	50.4	58.4	46.9	51.3	49.3		
6:37:01	50.4	54.7	46.4	51.5	48.9		
6:52:01	51.5	53.9	48.2	52.1	50.7		
	Average	42.5	51.4	37.5	43.9	40.5	
10/30/2007 (Daytime)	7:07:01	51.8	55.5	49.3	52.5	51.1	
	7:22:01	53.8	57.3	48.7	54.8	52.5	
	7:37:01	52.2	55.4	47.3	53.4	51.0	



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Sampling Date : 29-10-2007 to 30-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/30/2007 (Daytime)	7:52:01	63.8	79.6	45.8	69.4	48.6	Daytime = 70dBA Nighttime = 60dBA
	8:07:01	51.1	66.2	46.8	52.0	49.5	
	8:22:01	51.7	54.1	47.6	52.7	50.2	
	8:37:01	51.0	54.2	46.2	52.1	49.5	
	8:52:01	51.3	54.8	45.1	52.7	49.7	
	9:07:01	50.3	63.5	42.7	52.3	46.4	
	9:22:01	49.4	54.0	44.1	50.6	47.9	
	9:37:01	48.8	57.7	42.9	50.6	46.2	
	9:52:01	54.5	71.5	38.6	53.1	43.2	
	10:07:01	45.8	64.4	35.9	47.2	42.0	
	10:22:01	47.0	64.5	36.2	49.3	44.1	
	10:37:01	42.8	67.7	33.0	43.3	36.7	
	10:52:01	48.5	71.4	33.6	50.4	39.4	
	11:07:01	49.1	65.1	33.1	50.8	37.2	
	11:22:01	43.2	51.0	34.0	45.9	39.5	
	11:37:01	40.8	58.0	32.7	43.4	36.9	
	11:52:01	40.9	60.1	32.2	43.7	35.6	
12:07:01	42.8	62.7	33.0	43.5	35.8		
	Average	49.1	61.4	40.4	50.7	44.4	


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Note:

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2. * Maximum Permissible Sound Level (LAeq) for Designated Industrial Zones as stipulated under Annex A: Schedule of Permissible Sound Levels – Schedule 1, The Planning Guidelines for Environmental Noise Limits and Control by Department of Environment, 2004 are:
 - a) Daytime (7.00 am to 10.00 pm) : 70 dBA
 - b) Night time (10.00 pm to 7.00 am) : 60 dBA

Attention : Ms. Viji Samuel
Address : **Environ Consulting Services (M) Sdn. Bhd.**
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Certificates Of Analysis

Company : Environ Consulting Services (M) Sdn. Bhd.
Registration No : K-CQ0711CES-0010
Sampling Point : N4: At an open space within the proposed project site, located at the west direction. [N04° 00.362' E103° 22.239']
Sampling Date : 29-10-2007 to 30-11-2007
Receiving Date : 05-11-2007
Reporting Date : 26-11-2007

Noise levels recorded at point N4 during daytime and nighttime are tabulated as follows:-

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/29/07 (Daytime)	14:11:24	67.7	105.8	43.5	54.8	46.4	Daytime = 70dBA Nighttime = 60dBA
	14:26:24	49.3	63.0	45.7	50.6	47.5	
	14:41:24	49.8	60.9	46.4	50.9	48.4	
	14:56:24	49.2	61.4	45.5	50.3	47.6	
	15:11:24	62.3	91.4	45.8	57.5	47.5	
	15:26:24	49.2	63.2	45.6	50.4	47.4	
	15:41:24	50.1	60.3	47.0	51.4	48.8	
	15:56:24	50.7	69.5	47.0	52.3	48.9	
	16:11:24	50.0	59.4	45.4	51.1	48.1	
	16:26:24	51.1	54.7	46.1	52.0	50.0	
	16:41:24	48.6	57.0	44.0	50.0	47.2	
	16:56:24	48.8	58.4	45.1	50.0	47.2	
	17:11:24	48.8	60.4	45.4	50.2	47.1	
	17:26:24	48.6	61.2	44.7	49.9	46.4	
	17:41:24	48.9	58.4	45.6	50.2	47.1	
	17:56:24	48.5	58.1	44.3	50.1	46.5	
	18:11:24	50.1	59.9	47.1	51.3	48.5	
	18:26:24	50.6	59.9	47.5	51.5	48.9	
	18:41:24	54.0	63.3	46.5	58.8	48.9	
	18:56:24	59.0	79.3	45.6	61.9	49.2	
	19:11:24	61.0	64.6	45.9	62.6	58.7	
	19:26:24	60.4	71.3	44.5	62.8	49.0	
	19:41:24	55.5	65.2	40.7	60.7	44.9	
	19:56:24	54.5	64.0	43.5	57.0	48.4	
	20:11:24	56.2	63.1	53.0	57.7	54.6	
	20:26:24	57.7	62.5	54.1	59.7	55.9	
	20:41:24	57.3	64.4	52.9	58.7	55.4	
	20:56:24	54.6	66.5	46.6	56.7	51.1	
21:11:24	53.8	62.5	43.0	58.1	46.3		
21:26:24	52.1	63.3	42.5	56.9	45.1		
21:41:24	53.0	62.9	43.6	57.5	46.0		
21:56:24	54.9	63.1	42.0	58.9	47.1		
	Average	53.3	65.0	45.8	54.8	48.8	
10/29/07 (Nighttime)	22:11:24	54.0	64.2	41.7	58.6	46.1	
	22:26:24	52.3	63.3	42.4	56.7	45.8	
	22:41:24	52.4	63.2	40.9	57.2	44.3	
	22:56:24	50.4	61.3	40.6	54.0	43.6	
	23:11:24	49.3	61.1	42.0	51.8	44.5	
	23:26:24	48.1	61.4	41.2	50.0	43.8	
	23:41:24	50.4	61.9	41.1	55.2	43.3	
	23:56:24	51.5	64.1	41.2	56.2	43.5	
10/30/07	0:11:24	50.5	61.5	43.0	55.6	44.7	



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Certificates Of Analysis

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 Sampling Date : 29-10-2007 to 30-11-2007
 Receiving Date : 05-11-2007
 Reporting Date : 26-11-2007

Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/30/07 (Nighttime)	0:26:24	50.4	60.4	42.7	55.3	44.7	Daytime = 70dBA Nighttime = 60dBA
	0:41:24	51.2	64.1	43.7	55.7	45.3	
	0:56:24	50.5	60.2	44.3	54.7	46.4	
	1:11:24	49.5	59.1	45.1	50.9	47.1	
	1:26:24	48.5	57.0	45.1	49.7	47.2	
	1:41:24	49.1	59.3	45.5	51.2	47.5	
	1:56:24	51.1	61.0	45.3	54.8	47.4	
	2:11:24	52.9	59.7	45.2	56.9	47.4	
	2:26:24	51.8	59.2	44.6	55.8	47.0	
	2:41:24	50.4	58.3	43.9	54.4	46.3	
	2:56:24	50.9	58.3	45.0	54.1	47.3	
	3:11:24	51.5	59.8	44.8	55.0	47.2	
	3:26:24	50.9	58.5	43.3	54.5	46.2	
	3:41:24	50.4	58.6	45.1	53.3	46.6	
	3:56:24	50.0	58.8	44.5	52.0	46.7	
	4:11:24	49.4	59.0	44.0	51.4	46.6	
	4:26:24	51.6	61.7	45.0	54.9	47.4	
	4:41:24	51.3	59.7	45.1	55.8	47.0	
	4:56:24	54.7	68.0	45.7	57.5	47.7	
	5:11:24	53.9	59.7	46.7	56.3	48.5	
5:26:24	62.1	69.4	46.5	67.1	49.2		
5:41:24	66.0	69.4	47.2	68.2	57.5		
5:56:24	66.6	69.8	48.3	68.5	59.1		
6:11:24	67.0	70.0	50.2	68.6	61.4		
6:26:24	66.4	69.5	51.3	68.3	59.6		
6:41:24	63.6	68.8	51.9	67.1	55.1		
6:56:24	54.9	59.6	52.2	55.5	54.1		
	Average	53.5	62.2	44.9	56.7	48.1	
10/30/07 (Daytime)	7:11:24	55.0	60.3	51.1	57.0	53.0	
	7:26:24	53.6	59.0	50.8	54.7	52.4	
	7:41:24	52.6	61.8	49.5	53.3	51.7	
	7:56:24	53.2	61.6	50.1	53.8	52.4	
	8:11:24	52.6	57.1	50.1	53.7	51.4	
	8:26:24	51.6	55.0	48.4	52.8	50.2	
	8:41:24	50.6	54.3	48.0	51.4	49.6	
	8:56:24	51.0	55.6	48.4	51.6	50.3	
	9:11:24	50.0	59.0	46.1	51.5	48.2	
	9:26:24	50.3	56.4	47.4	51.4	49.3	
	9:41:24	50.7	62.7	47.5	51.7	49.4	
	9:56:24	56.6	71.9	47.5	54.4	49.2	
	10:11:24	49.9	55.1	46.9	50.9	48.8	
10:26:24	51.3	58.9	46.8	52.6	49.8		
10:41:24	50.8	54.5	45.1	52.3	48.6		



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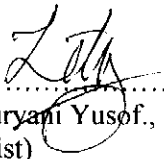
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Continue...

Date Monitored	Time Monitored	LAeq In dBA	LAMax In dBA	LAMin In dBA	LA10 In dBA	LA90 In dBA	Recommended Noise Level
10/30/07 (Daytime)	10:56:24	51.7	70.6	46.5	51.3	48.5	Daytime = 70dBA Nighttime = 60dBA
	11:11:24	51.5	70.9	42.4	50.5	45.0	
	11:26:24	49.3	62.5	45.6	50.5	47.7	
	11:41:24	49.2	56.6	44.7	50.9	46.9	
	11:56:24	50.0	62.8	47.2	51.0	48.8	
	12:11:24	50.3	58.1	45.6	51.7	48.0	
	12:26:24	50.9	56.2	47.0	52.2	49.1	
	12:41:24	50.2	72.4	47.2	50.8	49.2	
	12:56:24	48.9	58.3	45.2	50.4	47.0	
	13:11:24	49.7	57.8	46.3	50.8	48.4	
	13:26:24	48.4	52.6	43.8	49.6	46.5	
	13:41:24	47.7	64.3	41.4	48.9	44.4	
	13:56:24	59.0	68.3	46.5	63.5	52.3	
	Average	51.3	60.5	46.9	52.3	49.1	


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(Chemist)

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