

The Project for Urgent Relocation of Ferry Terminal in Dili Port

**SUMMARY OF NOISE AND VIBRATION MONITORING
(Piling)**

NOISE-VIB-SUM-DECEMBER 2018

Date of Monitoring	Location of Monitoring	Activity	Pile Number	Noise Before Piling		Noise During Piling		Vibration During Piling	Remarks
				Time	Leq (dB)	Time	Leq (dB)	Leq (dB)	
1-Dec-18	Site Gate	No Piling		10:12	72.05				
1-Dec-18	Jardin Motael	No Piling		10:23	66.20				
5-Dec-18	Site Gate	No Piling		9:46	72.03				
5-Dec-18	Jardin Motael	No Piling		9:58	68.95				
5-Dec-18	Site Gate	No Piling		15:11	72.89				
5-Dec-18	Jardin Motael	No Piling		15:22	69.10				
10-Dec-18	Site Gate	No Piling		9:49	71.12				
10-Dec-18	Jardin Motael	No Piling		10:00	69.17				
10-Dec-18	Site Gate	No Piling		15:06	72.15				
10-Dec-18	Jardin Motael	No Piling		15:17	68.94				
11-Dec-18	Site Gate	No Piling		10:12	72.97				
11-Dec-18	Jardin Motael	No Piling		10:23	69.23				
11-Dec-18	Site Gate	No Piling		16:01	72.77				
11-Dec-18	Jardin Motael	No Piling		16:12	69.23				
12-Dec-18	Site Gate	No Piling		10:19	72.07				
12-Dec-18	Jardin Motael	No Piling		10:30	69.47				
12-Dec-18	Site Gate	No Piling		14:12	72.93				
12-Dec-18	Jardin Motael	No Piling		14:24	69.43				
13-Dec-18	Site Gate	Piling	Sht. Pile 26-40	9:02	72.42	9:37	74.25	30.10	
13-Dec-18	Jardin Motael	Piling	Sht. Pile 26-40	9:14	68.94	9:46	70.99	29.90	
13-Dec-18	Site Gate	No Piling		13:13	72.96				
13-Dec-18	Jardin Motael	No Piling		13:25	64.83				
14-Dec-18	Site Gate	No Piling		8:58	73.57				
14-Dec-18	Jardin Motael	No Piling		9:11	68.64				
14-Dec-18	Site Gate	No Piling		15:21	73.41				
14-Dec-18	Jardin Motael	No Piling		13:30	67.77				
15-Dec-18	Site Gate	Piling	Sht. Pile 01-25	9:23	71.98	10:12	73.35	31.40	
15-Dec-18	Jardin Motael	Piling	Sht. Pile 01-25	9:35	66.72	10:20	71.82	29.80	
17-Dec-18	Site Gate	No Piling		10:16	72.71				
17-Dec-18	Jardin Motael	No Piling		10:28	68.23				
17-Dec-18	Site Gate	No Piling		13:01	72.53				
17-Dec-18	Jardin Motael	No Piling		13:12	69.58				
18-Dec-18	Site Gate	No Piling		10:09	70.83				
18-Dec-18	Jardin Motael	No Piling		10:20	69.68				
18-Dec-18	Site Gate	No Piling		16:03	71.89				
18-Dec-18	Jardin Motael	No Piling		16:14	69.79				
19-Dec-18	Site Gate	No Piling		9:45	72.61				
19-Dec-18	Jardin Motael	No Piling		9:57	68.71				
19-Dec-18	Site Gate	No Piling		14:25	72.87				
19-Dec-18	Jardin Motael	No Piling		14:35	69.85				
20-Dec-18	Site Gate	No Piling		9:19	72.65				
20-Dec-18	Jardin Motael	No Piling		9:30	67.61				
20-Dec-18	Site Gate	No Piling		14:58	72.51				
20-Dec-18	Jardin Motael	No Piling		15:09	65.21				
21-Dec-18	Site Gate	Piling	Sht. Pile 41-56	8:57	70.15	9:00	74.51	29.10	
21-Dec-18	Jardin Motael	Piling	Sht. Pile 41-56	9:09	65.72	9:15	70.69	45.00	
21-Dec-18	Site Gate	No Piling		16:21	71.08				
21-Dec-18	Jardin Motael	No Piling		16:32	68.84				

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				Time	Leq (dB)	Time	Leq (dB)	Leq (dB)	
22-Dec-18	Site Gate	Piling	Sht. Pile 57-68	9:25	71.16	10:01	73.42	51.20	
22-Dec-18	Jardin Motael	Piling	Sht. Pile 57-68	9:34	69.01	10:12	71.22	32.60	
26-Dec-18	Site Gate	No Piling		8:37	72.98				
26-Dec-18	Jardin Motael	No Piling		8:49	69.02				
26-Dec-18	Site Gate	No Piling		15:15	72.43				
26-Dec-18	Jardin Motael	No Piling		15:27	69.47				
27-Dec-18	Site Gate	No Piling		11:02	71.69				
27-Dec-18	Jardin Motael	No Piling		11:11	67.33				
27-Dec-18	Site Gate	No Piling		13:11	70.07				
27-Dec-18	Jardin Motael	No Piling		13:23	69.92				
28-Dec-18	Site Gate	No Piling		9:18	70.51				
28-Dec-18	Jardin Motael	No Piling		9:26	67.60				
28-Dec-18	Site Gate	No Piling		13:55	71.49				
28-Dec-18	Jardin Motael	No Piling		14:13	68.52				
29-Dec-18	Site Gate	No Piling		9:13	72.28				
29-Dec-18	Jardin Motael	No Piling		9:01	66.31				
	Average				70.75		72.76	43.28	

International standard referred:

Noise level: 80 (dB) (7AM-7PM)

Vibration level: 70 (dB) (7AM-7PM)

Month : December 2018

DAILY CHECKLIST FOR ENVIRONMENTAL CONTROL

THE PROJECT FOR URGENT RELOCATION OF FERRY TERMINAL IN DILI PORT

S.NO	Observations	Monitoring Method	Freq	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Remark
1	Condition of air quality and dust	Visual Observation	Daily	Not dusty and good air		Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air				Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air				Not dusty and good air	Not dusty and good air	Not dusty and good air	Not dusty and good air			
2	Condition of water pollution	Visual Observation	Daily	Normal		Normal	Normal	Normal	Normal				Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal				Normal	Normal	Normal	Normal			
3	Condition of turbid water after rain	Visual Observation	When it rains	Normal		Normal	Normal	Normal	Normal				Normal	Normal	Normal	Rain 16:50-17:30	Normal	Normal	Normal	Normal	Normal	Rain 13:30-15:15	Rain 14:20-15:40	Normal	Rain 14:42-15:30				Rain 10:20-11:00	Rain 09:00-11:45	Rain 16:45-17:38	Rain 13:10-17:00			
4	Detail and weight of waste	Visual Observation	Daily	Iron 75 kg		Plastic 25kg	Wood 20kg	Iron 70 kg	Iron 70 kg				Wood 25 kg	Wood 30 kg	Wood 25 kg	Iron 50 kg	Iron 60 kg	Wood 20 kg		Plastic 25 kg	Iron 60 kg	Wood 30 kg	Wood 30 kg	Wood 50 kg	Wood 25 kg				Plastic 25 kg	Plastic 25 kg	Wood 25 kg	Plastic 20 kg			Total 700 kg (wood 280kg) (Plastic 95kg) (Iron 325 kg)
5	Soil Pollution:Fuel leak	Visual Observation	Daily	None		None	None	None	None				None	None	None	None	None	None		None	None	None	None	None	None				None	None	None	None			
6	Bad smell (during dredging work)	Smell check	Daily	N/A		N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A				N/A	N/A	N/A	N/A			
7	Upsetting seabed soil,dropping crushed concrete into water	Visual Observation	Daily	Normal		Normal	Normal	Normal	Normal				Normal	Normal	Normal	Normal	Normal	Normal		Normal	Normal	Normal	Normal	Normal	Normal				Normal	Normal	Normal	Normal			

Inspector : Sign

【Note】

1. Sheet Pile

2. Pc Beam Installation

3. Casting Concrete of Pier

4. Landing Platform

5. Control Room Wall