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April 2016

Visayas Base Load Power Project (Philippines)

KSPC Multipartite Monitoring Team Meeting Minutes 4Q 2015 (English Version)

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Minutes of the 2015 Fourth Quarter MMT Meeting

Date:

March 28, 2016

Time: 1000H-1300H

Location:

KSPC Basement Conference Room

Conducted by: E&C and C&PR Department

Activity:

2015 Fourth Quarter MMT Meeting

Facilitator:

Neil Lawrence V. Miral/Joanne Claire S. Simbajon/E&C

Facilitating Attendees:

No.	KSPC Representatives	No.	DENR-EMB Representatives
1	III Hwa Jeong	1	Marcelino Tabuco/ EMB-PCD
2	Neil Lawrence V. Miral	2	Ariel Gillera/ EMB-EIA
3	Joanne Claire T. Supnet-Simbajon	3	Luis Antonio Monisit/EMB-PCD
4	Gladys Auxilio		
5	Victorio B. Naval		
6	Jasmin Sumaoy		
7	Klayd del Carmen		

KSPC MMT held their fourth quarter meeting last March 28, 2016 at the KSPC Basement Meeting Room. The meeting started at around 1000H and ended 1300H. Majority of the members were present and generally the meeting went well. The following meeting agenda were discussed.

Agenda Topics

No.	Agenda	Comments/Suggestions	Responsible Person/Due Date
1	 Updates from Previous Meeting Minutes Fourth Quarter Environmental Monitoring Adopt an Estero 	 Naga City Sanitary Department will present design for the septic tank / treatment facility for the wastes generated by the households discharging in the old SPC discharge channel. KSPC will coordinate with the coal supplier regarding disposal plan of the vessel's operational and sanitary wastes. 	Naga City Sanitary Department/April 28, 2016 KSPC – E&C
2	 Barangay Public Consultation Minutes Barangay Colon Barangay North Poblacion Barangay Tangke 	 Minor complaints on dust contamination @ Brgy North Poblacion. Strict implementation of dust suppression program and replacement of damage screens/nets. 	KSPC – E&C

No.	Agenda	Comments/Suggestions	Responsible Person/Due Date
3	 Fourth Quarter Environmental Monitoring Results Ambient Air Water Effluent Marine Water Ground Water River Water Marine Life Study 	 Double check groundwater sampling points; sampling must be done to deep wells used as source of drinking water. Change total coliform to fecal coliform for marine water sampling. 	KSPC – E&C
4	 Environmental Activities - Adopt an Estero Activity 	Follow up EMB 7 for the MOA of the new adopted water bodies.	KSPC E&C/ EMB 7
5	Work and Financial Plan Approval	No changes; approved by the TechCom Members	KSPC E&C
6	 Future Activities/Other Matters - Technical Committee Members' Training 	 Invite FDR Con to discuss on their Solid Waste Management Process. Invite Mr. Marco Silveron of EMB7 to discuss on RA 9003. Naga City LGU will discuss briefly their Solid Waste Management Plan 	KSPC E&C / Naga City LGU / EMB7

Attachments: A. Photos

B. Attendance Sheet

C. Presentation Material

Prepared by:	Review	ed by:	Note	d by:
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SIMBAJON, J.C.	MIRAL, N.L.	SUMAOY, J	JEONG, I.H.	NAVAL, V.B.

Attachment A:









KEPCO SPC Power Corporation Multipartite Monitoring Team Cebu Power Plant Colon, City of Naga Cebu , Philippines

Tel. No.: (032) 272-6290~91,93 Fax. No. (032) 489-7010

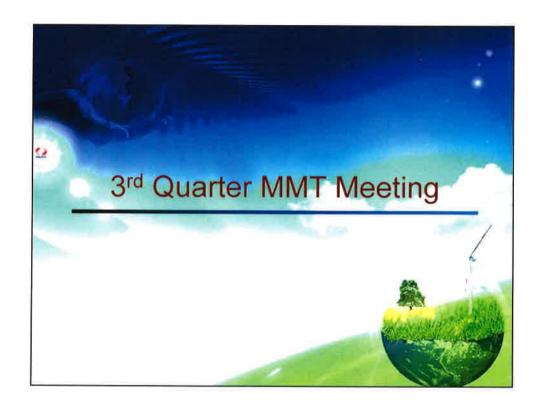
ATTENDANCE SHEET

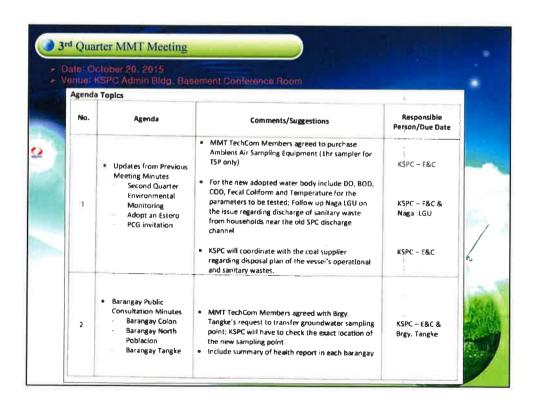
MMT MEETING; March 28, 2016; KSPC ADMIN BLDG CONFERENCE ROOM

No.	Name	Agency/Group	Contact Number	Email Address	Signature
1	Marcelino Tabuco	DENR-EMB 7 EIA (Chairman)	3461-647		K h
2	Lives Anthonia M. Monist	DENR-EMB 7 PCD (Vice Chairman)		Limmonist Eugmailie	om the
3	xult - anisch	DENR-EMB 7			2
4	JEHAN U. REPOCLO	CENRO		thurs .	And
5		Barangay Colon		/ "	
6	THE IAN CABIGON	Barangay Tangke	00436692688	earlal baio415ey.c.ph	
7	Kidd Salas	Barangay North Poblacion	091626696		
8	ISABELIA REPUNC	Parents Teachers & Community Association (PTCA)	0927667242	0	X .
9	Jonne Vain S. Sinhayan	KSPC - PCO			potrup
10	MARC AMPSONAN	Rural Health Unit Representative	09/7832443		
11	MARIBIEL S. PANTORINA	Colon Elementary School Representative	69331889326		mont
12	JASON RELYAN	SPC Power Corp. PCO	094381639722		1 Cm
13	ſ	Naga – PCO	1100 FIN	2)	# 1
14	Leonila Miranda	Fisher Folks Assoc. from Barangay Colon	1 Tolks	1/	John my
15		Naga City Sanitary Department		(
16	aginal do Breones	Department of Energy	0 933 152186	37	Bus
17	VB Naval	KSPC	09/7322	1929	
18	Mila Vildosola	Colin	0947460		yann
19	Jarmin Sumary	VCDC			1880(8)
20	Klayd del Carmen	POPL			9
21	Freddic Savillam) ENR	3C77=411	commong to . won	250
22	My Mynn	DRUN		@ yohar.um	This
23	NEIL MIRAL	KSPC	505-4065	ss-ops@yahoo. 64	12:0
24	Jeong, Ilhwa	Kopc		7 - (9/2 1-0. 6)	01
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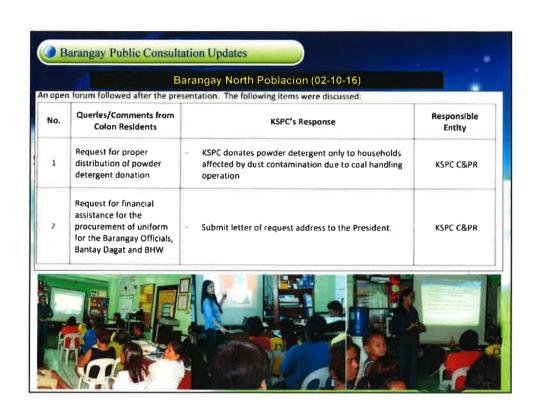


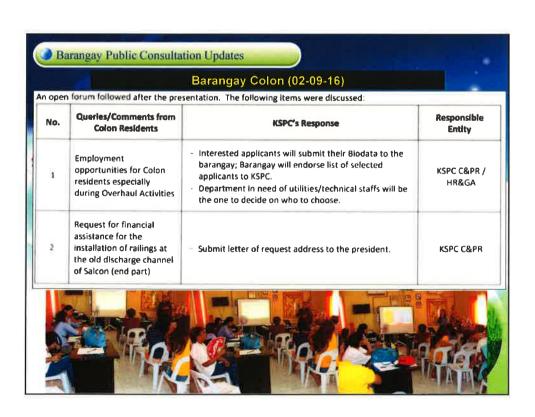


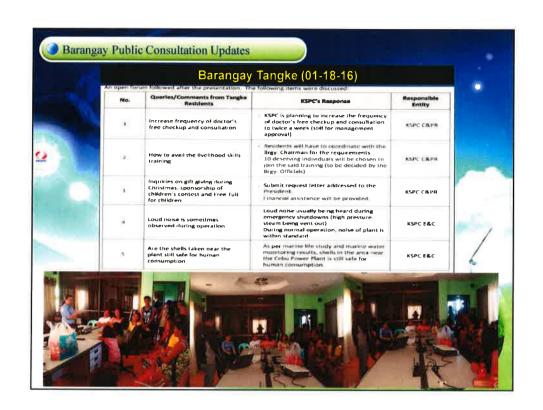


No.	Agenda	Comments/Suggestions	Responsible Person/Due Date
3	Second Quarter Environmental Monitoring Results Ambient Air Water Effluent Marine Water Ground Water River Water Marine Life Study	Include no. of vessels during Marine Water Sampling within the coverage area Include interpretation of air quality data using the Air Quality Index	KSPC – E&C
4	Environmental Activities Adopt an Estero Activity	Include no. of sacks of garbage collected during the activity.	KSPC E&C
5	Future Activities/Other Matters	MMT TechCom Training will be by November Fourth Quarter Monitoring by December National MMT Convention	KSPC E&C



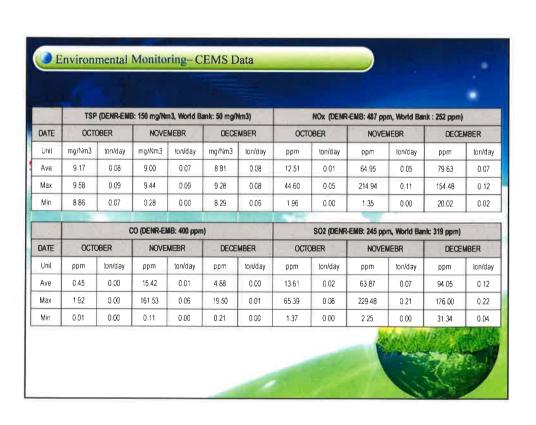


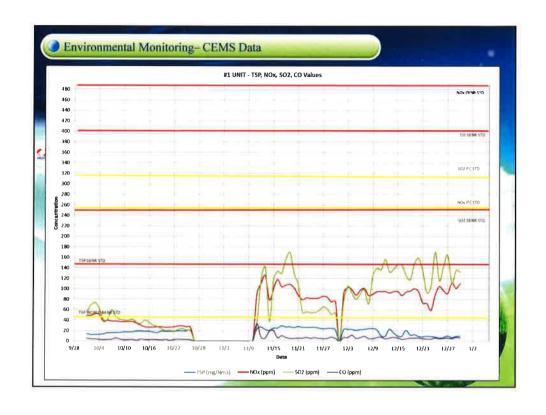


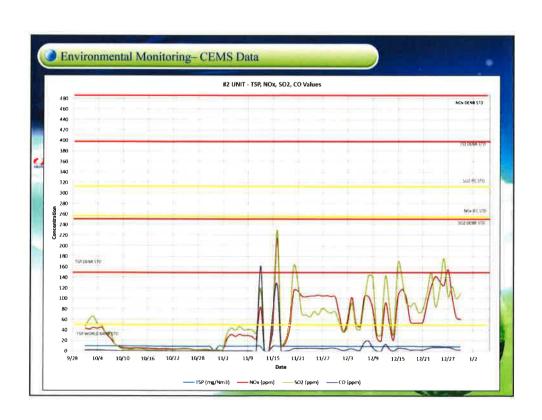




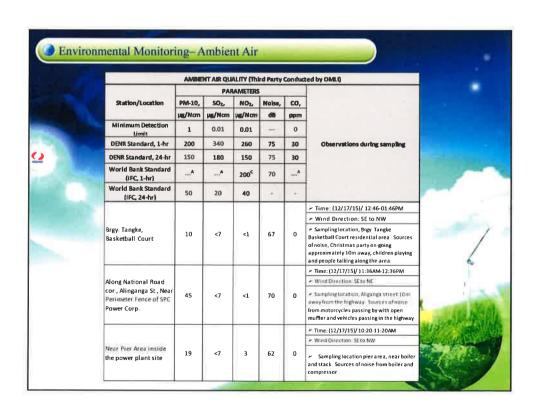
	TSP	FAR.FIR	: 150 mg/Nr	n3 Whdd	Rank: 50 m	n/Nem3)	1	Ox (DENR-E	MR: 407 oo	m World Pr	mk · 252	m)
DATE	<u> </u>	DBER		MEBR	DECE			OBER		MEBR		MBER
Unit	mg/Nm3	ton/day	mg/Nm3	ton/day	mg/Nm3	ton/day	ppm	ton/day	ppm	ton/day	ppm	ton/day
Ave	16.63	0.12	25.20	0.15	13.96	0.11	34.14	0.32	93.08	0.72	94.10	1.00
Max	20 16	0.14	29.33	0.23	24.36	0.22	51.60	0.48	125.07	0.96	111.26	1.19
Min	11.75	0.08	20.42	0.05	5.94	0.04	26.05	0.24	74.79	0 22	59 11	0,63
		СО	(DENR-EME	3: 400 mg/l	łm3)		S	O2 (DENR-E	MB: 245 pp	m, World Ba	nk: 319 pp	m)
DATE	ОСТО	BER	NOVE	MEBR	DECE	MBER	ОСТ	OBER	NOVE	MEBR	DECE	MBER
Unit	ppm	ton/day	ppm	ton/day	ppm	ton/day	ppm	ton/day	ppm	ton/day	ррт	lon/day
Ave	2.76	0.02	8.84	0.04	5.96	0.04	37 53	107.23	89.36	0.91	125.16	1.85
Max	5.34	0.03	33.46	0.12	11 59	0.08	73.19	209.11	169.03	1.66	170.07	2.51
Min	0.98	0.01	4.54	0.01	3.53	0.02	18.71	53.46	34.62	0 25	71,09	1,14



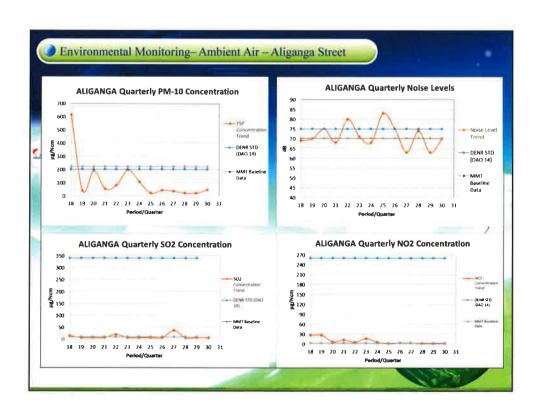




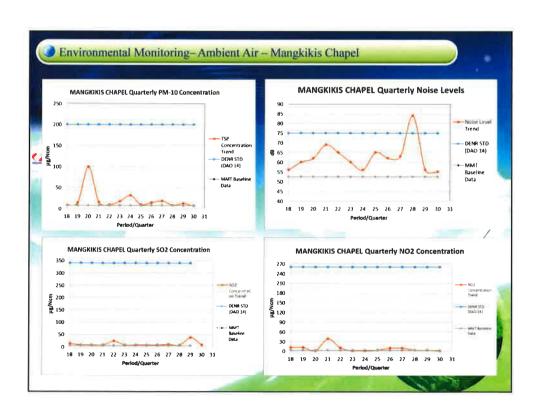


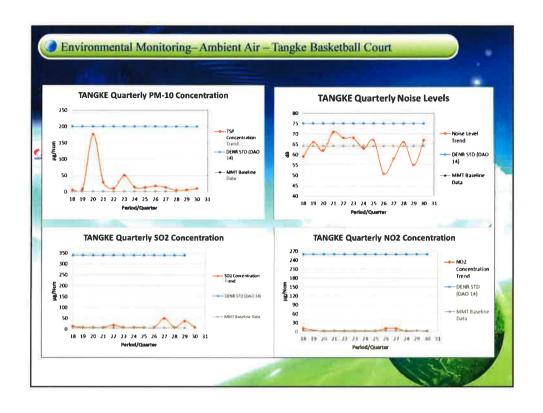


	,	_	rr	-			
						~ Time:{12/17/15}/02:00-03:00PM	
			<1	55		➤ Wind Direction: SE to NW	
In front of Mangkikis Chapel, Sitio Mangkikis	6	<7			0	r Ssmpling location, Mangkiks area residential area. Near Snr. San Roque Chapel. Sources of noise from boiler and turbine KSPC, motorcycles and sound system frin houses near the area	
						► Time: (01/11-01/12)/11:00-11:00AM	
A. H. D. A. C. W. D. C.		<1	0 55	63		➤ Wind Direction: SE to NW	
At the Back of Kading's Residence (North Poblacion) ^E	67				0	Sampling location, Kading's Residence approximately 20m away from the main highway. Sources of noise from sound system, television sets and milling machine and whiches from the highway.	
						F Time: (12/17/15)/03:14 04:14PM	
						➤ Wind Direction: SE to NW	
^D Colon Barangay Hall	ň	=	3	63	,	Sampling location, Brgy Hall of Colon near Daysare and Health Center and near residential area. Sources of horse from boiler and Lurbine of KEPCO, on going party at the Brgy Hall, vehicles passing from the highway approximately 300m	4
						► Time: (12/17/15)/ 03:20-04:20PM	1
						➤ Wind Direction: SE to NW	115
^D Near Ash Village	<5	10		58	7	Sampling location, relevation site rear per area 50m away from highway. Sources of noise from boiler and surface of KEPEO. Plant. Also from people in the area.	, ju
"internationally accepted sta	accused sin	an averagi	ng time of	24 hours			
^L US-EPA National Ambient Air		andards (NA	AQS)				100
C WHO Ambient Air Quality Gu							
^c Additional sampling station	for as h por	d operatron	monitorin	8-			

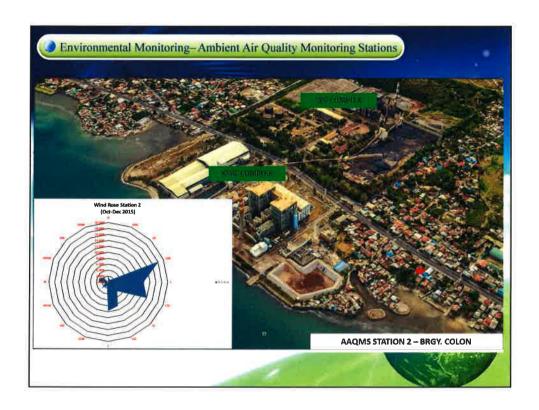


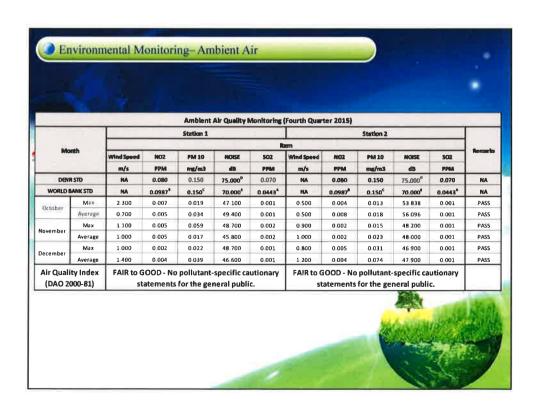


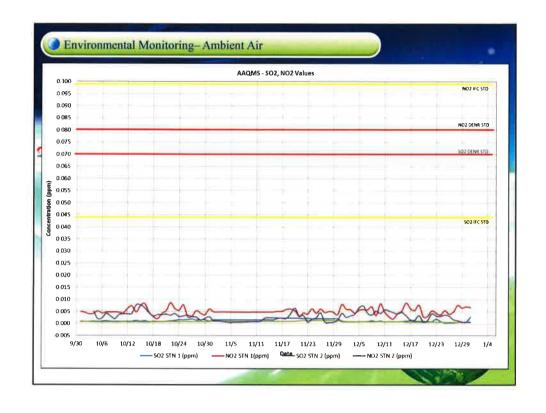


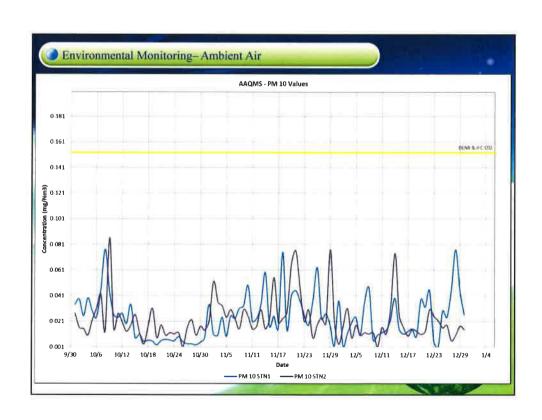






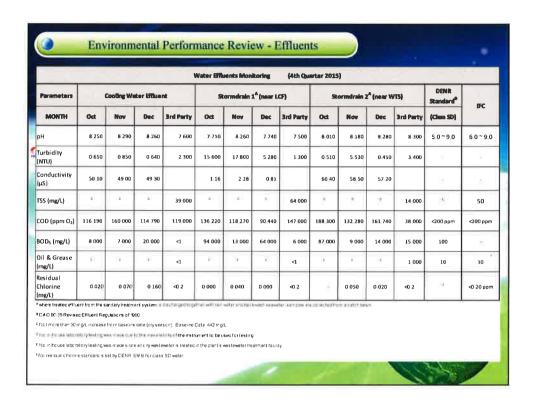








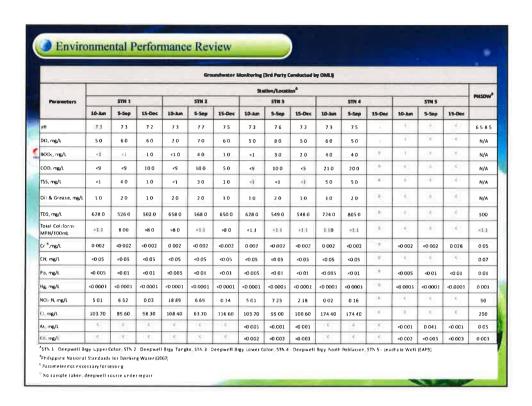


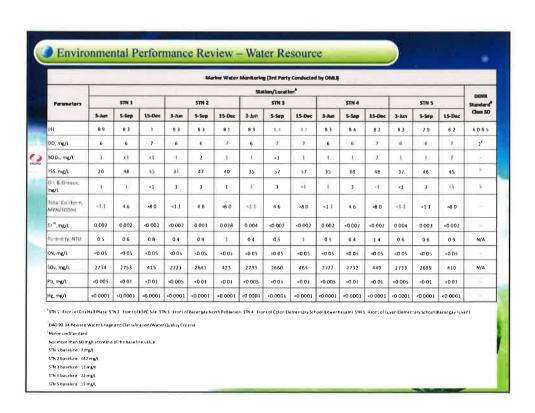


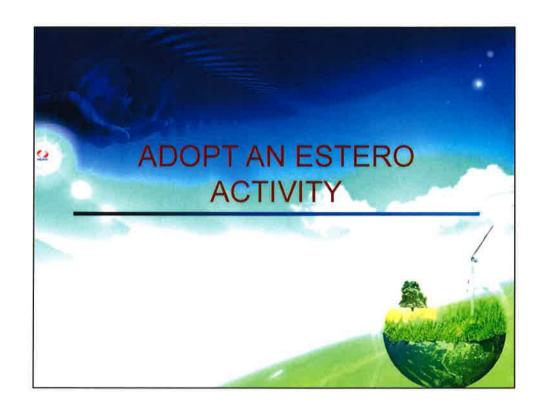


		SeaWater	emperature M	onitoring	(4th Quarter 201	5)	м п.		
Points	Time	Sampling Location	Baseline Point	ΔT (°C)	Residual	Ha	Plant Load		
Points		(Temp. in °C)	(Temp. in ℃)	Ai (c)	Chlorine, mg/L	ρn	(% Capacity)		
M1 -	AM	29.50	25	12	1	7.90	Unit 1-100%,		
IVII	РМ	29.30			8	8.00	Unit 2-100%		
M2 -	AM	29.60	29.50	0.10	<0.2	8.00	Unit 1-100%,		
IVI2	PM	29.50	29.30	0.20	₹0.2	8.00	Unit 2-100%		
мз -	AM	29.40	29.50	-0.10	<0.2	8.00	Unit 1-100%,		
CIVI	PM	29.40	29.30	0.10	₹0,2	8.00	Unit 2-100%		
M4	AM	29.40	29.50	-0.10	<0.2	8.00	Unit 1-100%,		
1717	PM	29.30	29.30	0.00		8.00	Unit 2-100%		
M5 -	AM	28.80	29.50	-0.70	<0.2	8.00	Unit 1-100%,		
IVIS	PM	28.70	29.30	-0.60	<0.2	8.10	Unit 2-100%		
DE	NR Standa	d Temp. Inc. (DA	0 90-35)		< 3 °	С			
11	C Standar	d Temperature In	crease		< 3°(
	IEC Stand	ard Residual Chl	orine		0.2 mg/L				

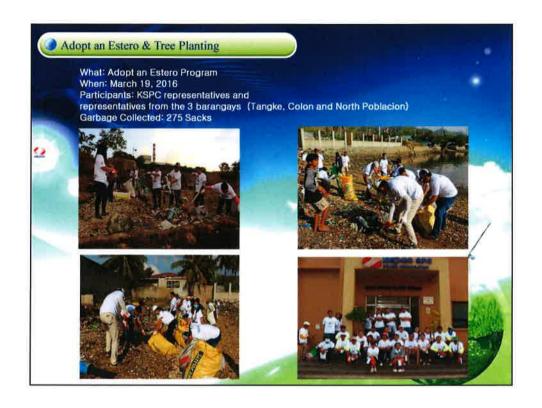


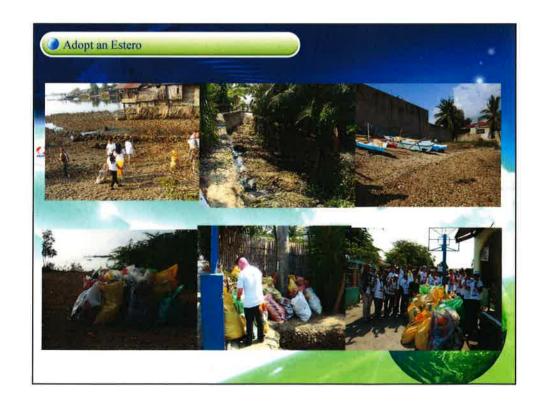


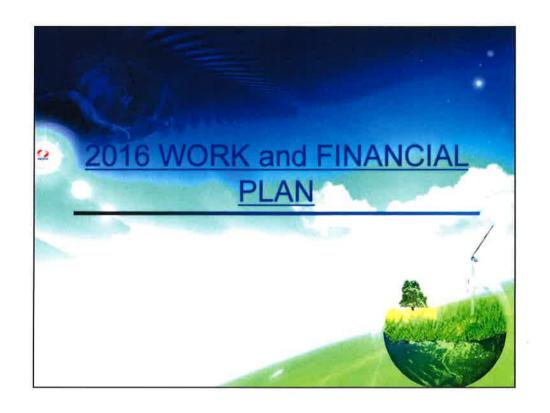














No.	Technical/Sectoral	Official Rep.	Contact No.	Alternate	Contact No.
1	DENR-EMB 7 EIA (Chairman)	Mr. William P. Cuñado	0917-3070531	Mr. Ariel Gillera	0906-6625290
2	DENR-EMB 7 PCD (Vice Chairman)	Mr. Marcelino Tabuco	032-346-1647	Mr. Luis Antonio M. Monisit	0925-7774779
3	DENR-EMB 7	Mr. Ariel Gillera	0939-4608879	Mr. Luis Antonio M. Monisit	0925-7774779
4	CENRO	Mr. Raul Pasoc	032-4166227	Mr. Lucio S. Canete Jr.	0916-4219384
5	Barangay Colon	Brgy. Cpt. Rosetato A. Repollo	0935-8359890	Ms. Mila Vildosola	0943-4097570
6	Barangay Tangke	Brgy. Cpt. Neil Bartolabac	0918-3399444	Mr. Earl Ian Cabigon	032-273-3699
7	Barangay North Poblacion	Brgy. Cpt. Ray Manabat	032-3474216/ 0935-2413328	Mr. Kennedy Salas	0916-2669615
8	Parents Teachers & Community Association (PTCA)	Mr. Isabelito Repunte	0932- 4322346/ 0977-1364283	Ms. Rolinda Rivera	72



