



## SURVEY/INSPECTION FOR WATER QUALITY MANAGEMENT



## ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number:

Date of Inspection: JANUARY 28, 2022

Mission Order No.: EMBR8-2022-004348

## 1. GENERAL INFORMATION

Name of Establishment: **FIVE (5) STOREY COMMERCIAL BUILDING (TTK REALTY & DEVELOPMENT CORPORATION)** Commercial Space by: Imperial Appliance

Address: Brgy. 47, Tacloban City

Geo Coordinates:

Nature of Business: Commercial Space

PSIC Code:

Product:

Year Established:

Operating hours/day:

N/A

Operating days/week:

N/A

Operating days/year:

N/A

Product Lines

Production Rate as Declared  
in the ECC (unit/day)

Actual Production Rate (unit/day)

Name of Managing Head:

RAYMOND C. BELTRAN

Name of PCO:

-

PCO Accreditation No.:

-

Date of Effectivity:

Phone/Fax:

(0992) 279-3269

Email: -

## 2. PURPOSE OF INSPECTION

- ☐
- Verify accuracy of information submitted by the establishment pertaining to new permit applications, renewals, or modification

\_\_\_\_\_ New Renewal

New

Renewal

\_\_\_\_\_ PMPIN Application

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\_\_\_\_\_ Hazardous Waste ID Registration

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\_\_\_\_\_ Hazardous Waste Transporter Registration

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\_\_\_\_\_ Hazardous waste TSD Registration

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\_\_\_\_\_ Permit to Operate Air Pollution Control Installation

☐☐

\_\_\_\_\_ Discharge Permit

☐☐

\_\_\_\_\_ Others \_\_\_\_\_

☐☐

- ☐
- Determine compliance status with the environmental regulations, permit conditions, and other requirements

- ☐
- Investigate community complaints

- ☐
- Check status of voluntary commitment

\_\_\_\_\_ Industrial Ecowatch

\_\_\_\_\_ Philippine Environmental Partnership Program (PEPP)

\_\_\_\_\_ Pollution Adjudication Board (PAB)

\_\_\_\_\_ Others \_\_\_\_\_

- ☒
- Others
- WATER QUALITY SURVEY

Name of Contact Person:

RAYMOND C. BELTRAN

Position / Designation:

MANAGING HEAD

3. COMPLIANCE STATUS

3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-08-060606-0042	06/19/2006	
	ECC2			
	ECC3			
RA 6969	DENR Registry ID			
	PCL Compliance Certificate			
	CCO Registry			
	Permit to Transport			
RA 8749	POA No.			
RA 9003	ECC for Sanitary Landfill			
RA 9275	DP No.			

4. Water Supply and Wastewater Generation					
A. Water Sources					
Sources of Water Supply	Daily (m³/day)		Annual (m³/day)		Specify if Others
Surface water (river, lakes, etc.)					
Groundwater					
Water utilities					
Others (specify)					Deep Well
B. Wastewater Sources					
Water Use / Sources of Wastewater	Consumed (m³/day)		Generated (m³/day)		Specify if Others
Process Water					
Domestic Water					
Cooling Water					
Maintenance					
Storm drain					
Others (specify)					
C. Quality of Abstracted Water					
Sources of Water Supply	BOD/ COD	TSS	AVFP	Heavy Metals	Specify if Others
5. Information on Wastewater Pollution					
A. Does the Establishment have a Wastewater Treatment Plant?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
B. What type of WWTP?		<input type="checkbox"/> Physical <input type="checkbox"/> Biological <input type="checkbox"/> Chemical <input type="checkbox"/> Others			
C. WWTP Detail					
1. Date Installed					
2. Design Capacity					
3. Cost of WWTP					
4. Annual Maintenance Cost (Php/year)					
5. Location of Discharge Point(s)		Receiving Water Body		Classification of Water Body	
		N/A			



	<input type="checkbox"/> V-weir	Other (specify) _____	
6. Flow Metering Device Use	<input type="checkbox"/> Flow Meter		
7. Flow Rate	Influent	Effluent	Others (specify) _____
<b>A. Components of WWTP</b>			
<b>Primary</b>	<b>Biological</b>	<b>Chemical</b>	<b>Others</b>
<input type="checkbox"/> Screening <input type="checkbox"/> Primary Treatment <input type="checkbox"/> Grit Removal <input type="checkbox"/> Oil/Water Separator <input type="checkbox"/> Equalization Tank <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> Activated Sludge <input type="checkbox"/> Anaerobic Digestion <input type="checkbox"/> Trickling Filter <input type="checkbox"/> Oxidation/Stabilization Pond <input type="checkbox"/> Sequencing Batch Reactor <input type="checkbox"/> Others (specify) _____	<input type="checkbox"/> pH Adjustment <input type="checkbox"/> Disinfection <input type="checkbox"/> Oxidation/Reduction <input type="checkbox"/> Flocculation/ Coagulation <input type="checkbox"/> Others (specify) _____	
<b>B. Condition of the WWTP</b>			
1. What is the general condition of the WWTP during sampling?	<input type="checkbox"/> Properly maintained <input type="checkbox"/> Inadequately maintained <input type="checkbox"/> Poor maintenance <input type="checkbox"/> Others		
2. Is the WWTP under construction or undergoing rehabilitation?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3. If the answer is No. 2 is YES, has this been reported to EMB/LLDA?			
4. Which System or units are under construction or being modified?			
5. Estimated date of completion			
6. Treatment units utilized to treat wastewater			

<b>Water Quality Field Date</b>						
<b>Sampling Point No. 1</b>						
<b>Sampling Station</b>		<b>Sampling Time:</b>				
<b>Type of Sample</b>						
<b>Result Analysis</b>						
<b>Parameter</b>	<b>Value</b>	<b>Unit</b>	<b>DENR Effluent Standards</b>	<b>Compliant</b>		<b>Remarks</b>
				<b>Yes</b>	<b>No</b>	

<b>III. SUMMARY OF FINDINGS</b>					
<b>Legal Reference</b>	<b>Compliance Requirements</b>	<b>Compliant</b>			<b>Remarks</b>
		<b>Y</b>	<b>N</b>	<b>N/A</b>	
DAO 2005-10 Rule 14.1	1. Has the establishment submitted two notarized copies of accomplished application form?		✓		
DAO 2005-10 Rule 14.2	2. Has the establishment submitted Sewer and Drainage Plan Drawing of appropriate scale in as standard size sheet and in accordance with good engineering practice?		✓		
	3. Has the establishment submitted water quality analysis of abstracted water and		✓		

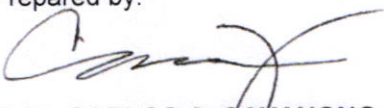
	the appropriate bills?				
	4. Has the establishment submitted Pollution Prevention/Environmental Management System Plan or Program?		✓		
	5. Has the establishment submitted copy of the Environmental Compliance Certificate or Certificate of Non-Coverage?			✓	
	6. Does the establishment have a DENR ID Number as hazardous waste generator, as applicable?			✓	
	7. Has the establishment designated or appointed a PCO?		✓		
DAO 2005-10 Rule 14.6	8. Does the establishment use its effluent for Agricultural Purposes?			✓	<b>If yes, proceed to succeeding items</b>
	a. Has the establishment submitted certified true copy of land ownership or notarized copy of agreement between the owner of the land where the effluent is to be applied and the discharger/permittee?			✓	
	b. Has the establishment submitted proof that wastewater to be used for land application does not contain toxic or substances (as defined in RA 6969)?			✓	
	c. Does the establishment's wastewater applied for agricultural purposes directly or indirectly seep or drain into groundwater or nearby surface waters which will affect the quality of such ground and/or surface water?			✓	
	d. Has the establishment submitted a Certification from the Department of Agriculture (DA) stating that the quantity, quality and distribution methodology of application are suited for agricultural purposes?			✓	
	e. Does the establishment use land application only during periods of low surface water flow to enhance loading limits compliance?			✓	
	f. Has the establishment submitted baseline groundwater quality data and self-monitoring report within the discharge areas, and installed at least one groundwater monitoring well which shall be drilled in each dominant direction of groundwater movement?			✓	
	g. Has the establishment submitted an emergency plan – which shall respond to emergencies that can prevent or minimize damage to equipment, land, groundwater, etc., and/or public health?			✓	



h. Does the plan highlight the design considerations, systems operation, treatment/monitoring of soil, crops, effluent and groundwater before/after irrigation? Such requirements shall be in addition to Section 14.2.			✓	
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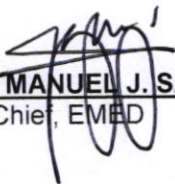
<b>Other Observations:</b> <ul style="list-style-type: none"> <li>• This Office has issued Environmental Compliance Certificate (ECC) with reference number: 08-060606-0042 to TTK Realty and Development for the Construction of Five-storey Commercial Building located at Brgy. 47, Tacloban City.</li> <li>• The Commercial building currently serves as an exclusive appliance store of Imperial Appliance owned by the same proponent.</li> <li>• Two (2) separate comfort rooms for both male and female are utilized for the customers and employees.</li> <li>• Water supply from deep well is used for cleaning and flushing.</li> <li>• All wastewater is directed to septic tank. No effluent discharge.</li> </ul>
<b>Remarks and Recommendation:</b> <p><b>ECC Compliance:</b></p> <p>1. Pursuant to Chapter 4-g of MC-2014-005 which states that “Projects that have stopped operation for five (5) years or less are not required to notify EMB provided the CMR had been regularly submitted”, “Projects that have stopped operation for more than (5) years are not required to obtain a new ECC provided all of the following conditions are met:</p> <ul style="list-style-type: none"> <li>- CMR/CMVR had continuously been submitted or an official request for suspension of the CMR/CMVR had been approved by EMB.</li> <li>- No request for relief and/or cancellation of ECC had been approved.</li> </ul> <p>Otherwise, an application for a new ECC had to be filed and approved prior to resumption of operation.</p> <p>2. This office shall facilitate the cancellation of ECC issued with reference number code: ECC-08-060606-0042 on June 19, 2006, and de-listing in the universe, pursuant to the above-cited Memorandum Circular.</p> <p>3. This office shall notify the project proponent for the cancellation of the ECC issued.</p> <p><b>Water Quality Survey/Inspection:</b></p> <ul style="list-style-type: none"> <li>1. Application for Discharge Permit is required to the proponent.</li> <li>2. Accreditation for Pollution Control Officer (PCO) is advised.</li> </ul> <p><b>List of Documents Reviewed:</b></p> <p>ECC</p>

Prepared by:
 



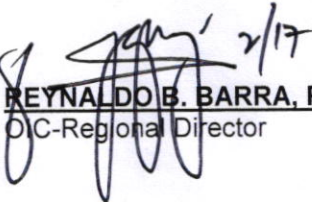
**Engr. CARLOS A. CAYANONG**  
 Chief, WAQMS

Approved by:
 



**FOR: MANUEL J. SACEDA, JR.**  
 OIC-Chief, EMBD

Noted by:
 



**REYNALDO B. BARRA, PME**  
 OIC-Regional Director

