



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
DENR Compound, Jones St. Tacloban City, Philippines



**NOTICE OF VIOLATION**

14 May 2021

DENR-PAB Case No. 08-000025-21-A

**GREEN CARBON, INC. (ACTIVATED CARBON PLANT)**  
Brgy. Maybog, Baybay, City

ENVIRONMENTAL MANAGEMENT BUREAU  
RELEASED BY: [Signature]  
DATE: 05/26/2021  
TIME: 9:24am

Thru: **MR. ALEX DE LOS SANTOS**  
Managing Head

**Sir/Madame:**

This notice is being served upon you for alleged violation of **R.A 8749** otherwise known as the Philippine Clean Air Act of 1999, based upon the compliance survey/inspection conducted by the Environmental Monitoring and Enforcement Division – Water Air Quality Monitoring Section (EMED-WAQMS) of this Office last **24 March 2021**.

**ACTS CONSTITUTING THE VIOLATION**

Finding/s	Prohibited Act/s
Operating without the valid required <b>Permit to Operate</b> of the following <b>Air Pollution Source and Control Facilities: two (2) units Rotary Kiln and one (1) unit 50 KVA standby diesel genset</b> , since <b>24 March 2021</b> .	Violation of <b>Section 1, Rule XIX of DENR Administrative Order No. 2004-26</b> , Implementing Rules and Regulations of <b>RA 8749</b> , in relation to <b>Section 47</b> thereof and in relation further to <b>Pollution Adjudication Board Resolution No. 01, Series of 2019</b> .

Pursuant to **Pollution Adjudication Board Resolution No. 02, Series of 2020**, otherwise known as the **Interim Guidelines of the Pollution Adjudication Board during the Public Health Emergency due to COVID-19**, you are hereby required to explain in writing, duly subscribed before a Notary Public, **within fifteen (15) days from receipt hereof**, your defense/position to the alleged violation which is punishable by a fine of **Nineteen Thousand Five Hundred Pesos (P19,500.00) for every five (5) years of violation** of the above cited prohibited act and to show cause why no Order should be issued against you, directing immediate cessation of the project operation.

Please submit a hard copy of your written explanation to this Office, as well as an electronic copy of the same to **embr8\_records@emb.gov.ph**, copy furnished **legalunitembr8@gmail.com**, to expedite the submission.

Please be informed that failure to submit the position paper on or before the period prescribed above shall mean a waiver of your right to contest the findings of the report and present evidence on your defense and the case may be decided based on evidence on record.

Please be guided accordingly.

Very truly yours,

**LETECIA R. MACEDA**  
Regional Director



## SURVEY/INSPECTION FOR AIR QUALITY MANAGEMENT

Department: ENVIRONMENTAL MONITORING AND ENFORCEMENT DIVISION-WATER AIR QUALITY MONITORING SECTION

Report Control Number: AS-04-15Date of Survey/Inspection: March 24, 2021Mission Order No.: 2021-004695

## 1. GENERAL INFORMATION

Name of Establishment: <b>GREEN CARBON INC. (ACTIVATED CARBON PLANT)</b>		
Address: Brgy. Maybog, Baybay City		Geo Coordinates: 10.840591 N, 124.74994 E
Nature of Business: activated carbon production		
PSIC Code:	Product: activated carbon	Year Established: 2003
Operating hours/day: 24	Operating days/week: 5	Operating days/year: 120

Product Lines	Production Rate as Declared in the ECC (unit/day)	Actual Production Rate (unit/day)
	None	2.5tons/day
Name of Managing Head: <b>MR. ALEX DE LOS SANTOS</b>		
Name of PCO: <b>None</b>		
PCO Accreditation No.:		Date of Effectivity:
Phone/Fax:	<b>09178624762/09278214948</b>	Email:

## 2. PURPOSE OF INSPECTION

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

	New	Renewal
<input type="checkbox"/> New Renewal		
<input type="checkbox"/> PMPIN Application	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste ID Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous Waste Transporter Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazardous waste TSD Registration	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Permit to Operate Air Pollution Control Installation	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Discharge Permit	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Others _____	<input type="checkbox"/>	<input type="checkbox"/>

- ☒ 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 \_\_\_\_\_

Name of Contact Person	<b>MS. ALMA P. CALAMBO</b>
Position / Designation	<b>Plant Supervisor</b>



### 3. COMPLIANCE STATUS

#### 3.1 DENR Permits/Licenses/Clearance

Environmental Law	Permits		Date of Issue	Expiry Date
PD 1586	ECC1	ECC-08-030707-0091	07-07-2003	
	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.			

#### MODULE AQM01: PRE-INSPECTION INFORMATION SHEET FOR EMISSION SOURCES

Emission Source Data Information	
Emission Source No.	1 & 2
Type (Brand/Model)	Two (2) units Rotary Kiln
Rated Capacity	6tons
Fuel Type & Quantity	
Operating Capacity	6tons
Control Facility	Dust Collector/Filter bag
Notes	

Emission Source Data Information	
Emission Source No.	3
Type (Brand/Model)	One (1) unit Standby Genset
Rated Capacity	50KVA
Fuel Type & Quantity	Diesel
Operating Capacity	
Control Facility	
Notes	

Legal Provision	Regulatory Requirements	Compliant			Notes
		Y	N	N/A	
DAO 2004-26					
Rule 19 Section 1	Application for Permit to Operate has been filed for new or modified emission sources		✓		
Rule 19 Section 3	As built design of the installation conforms with submitted engineering plans and specifications		✓		
	Declared control facilities are installed and operational		✓		
	Installation is located as proposed in the vicinity map (plant and machinery layout)		✓		
	Facility design capacity is within the capacity declared in the application for permit to operate		✓		
Rule 19 Section 5	Temporary Permit is still valid		✓		
DAO 2000-81					
Part 7 Rule 25 Section 5 a# 3	Facility is fossil fuel-fired powerplant over 10 MW rating installed with CEMS for particulates, sulfure oxide, and NOx			✓	

	Facility is petroleum refinery / petrochemical industry installed with CEMS for particulates, sulfur oxide, and NOx			√	
	Facility is primary copper smelter installed with CEMS for particulates, sulfur oxide, and NOx			√	
	Facility is steel plant installed with CEMS for particulates and sulfur oxide			√	
	Facility is ferro-alloy production facility installed with CEMS for particulates			√	
	Facility is cement plant installed with CEMS for particulates			√	
Section 3a #1	Facility has the potential to emit at least 750 tons/year of regulated pollutant. Facility has CEMS and COMS.			√	
	Facility has the potential to emit at least 750 tons/year of particulate matter. Facility has COMS.			√	

#### EMB DAO 2007-22

Section 5	CEMS/COMS Specifications for Opacity is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 1			√	
	CEMS/COMS Specifications for Sulfur Dioxide and Nitrogen Oxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 2			√	
	CEMS/COMS Specifications for Carbon Dioxide and Oxygen is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 3			√	
	CEMS/COMS Specifications for Carbon Monoxide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 4 and 4A			√	
	CEMS/COMS Specifications for Hydrogen Sulfide is compliant with: USEPA 40 CFR Part 60 Appendix B, Performance Specification 7			√	

#### Other Observations:

- Environmental Compliance Certificate with reference code: ECC-030707-0091 was issued on July 07, 2003 to Green Carbon Inc. thru its representative Mr. David J. Lim, Jr. for the Activated Carbon Plant Project located at Brgy. Maybog, Baybay, City.
- The Plant was operational during the time of monitoring at an average production rate of 1.25tons activated carbon for 24-hr operations.
- According to the Plant Supervisor- Ms. Alma Calambo, activated carbon is produced from the coco charcoal. The processing of activated carbon involves Drying, Screening, Activation/Oxidation Process (Rotary Kiln), Crushing, Screening using magnetic separator and bagging.  
The two (2) units rotary kilns are utilized for the Activation/Oxidation process. It is a large, slow-rotating cylindrical tube lined with fireclay bricks. Raw material (coco charcoal) is continuously fed from a hopper into the rotary kiln which steadily turns the carbonized material inside. During the time of monitoring only 1-rotary kiln was used while

the other unit is on standby condition. Dust Collectors and filter bags were provided to collect particulates generated during operations.


- One-unit 50KVA Genset was observed inside the building to supply power during outage.
- One (1) unit 2-chambered septic tank was provided for domestic wastewater generated.
- Permit to Operate for Air Pollution Source and Control Installation has not yet secured from this Office.

**Remarks and Recommendation:**

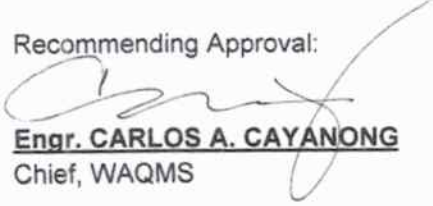
- To secure Permit to Operate for Air Pollution Source and Control Installation thru the EMB Online Permitting and Monitoring System.
- To install ECC Billboard at the entry point of the establishment.
- To submit Compliance Monitoring Report to this Office thru the EMB Online System which can be accessed through the EMB website or through <https://online.emb.gov.ph/cmr/>.
- To designate a Pollution Control Officer, attend the 40-hr Basic PCO Training and apply for PCO accreditation.
- For issuance of Notice of Violation for operating without a valid Permit to Operate for Air Pollution Source and Control Facilities (Rotary Kiln and Genset).

**List of Documents Reviewed:**


Submitted by:

  
**JANET T. POLEA**  
Engr. IV


Recommending Approval:

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

Approval:

  
**REYNALDO B. BARRA, PME**  
Chief, EMED

Noted:

  
**LETECIA R. MACEDA**  
Regional Director