



Republic of the Philippines  
Department of Environment and Natural Resources  
**ENVIRONMENTAL MANAGEMENT BUREAU**  
Cordillera Administrative Region



May 29, 2024

**MR. ALLAN RAZON GARCIA**  
President  
Camp John Hay Management Corporation  
John Hay Special Economic Zone,  
Baguio City

**Dear Mr. Garcia:**

*Isang makakalikasang pagbati mula sa EMB-CAR!*


This has reference to your letter dated May 22, 2024, re: Ambient Air Monitoring Machine Status of your good office. It was noted that your air quality monitoring equipment is experiencing technical difficulties and must temporarily postpone sampling activities until your air quality monitoring equipment is fully repaired.

However, in your letter, you have requested assistance from us, and our air quality monitoring staff assessed and tried to troubleshoot your air quality monitoring equipment, but it is beyond their capabilities. It is therefore recommended that you contact a third-party contractor for the diagnosis and repair of your equipment. We have attached the activity report of the staff for your information.

Kindly notify us on the resumption of the air quality monitoring activities after the repairs.

Thank you for being our partner for the protection of the environment!

Very truly yours,

  
**ENGR. JEAN C. BORROMEEO**  
OIC, Regional Director

RECORDS UNIT, EMB-CAR

RECEIVED BY: END ON: MAY 31 2024

RELEASED BY: \_\_\_\_\_ ON: \_\_\_\_\_

MAILED BY: \_\_\_\_\_ ON: \_\_\_\_\_

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Certificate Registration No.  
PHP QMS 19 93 0014



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**MEMORANDUM**

**FOR : ENGR. JEAN C. BORROMEIO**  
OIC-Regional Director

**THRU : ENGR. RAUL G. CUBANGAY**  
Chief, Environmental Monitoring and Enforcement Division

**FROM : THE AMBIENT MONITORING SECTION**

**SUBJECT : ACTIVITY REPORT RE: AIR QUALITY MONITORING  
MACHINE STATUS OF JOHN HAY MANAGEMENT  
CORPORATION (JHMC)**

**DATE : MAY 29, 2024**

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This has reference to the letter by the John Hay Management Corporation (JHMC), received by this office last May 23, 2024.

As indicated in their letter, the JHMC temporarily suspended their air quality monitoring and sampling hence seeking assistance from the Environmental Management Bureau – CAR for any applicable corrective maintenance works needed for their sampling machine to be fully functional.

The EMB-CAR Air Quality Monitoring Personnel acted on the request of JHMC last May 27, 2024. One air quality monitoring was assessed and described as follows:

**A. EQUIPMENT DESCRIPTION**

**EQUIPMENT :** METONE E-BAM PLUS  
**EQUIPMENT TYPE :** Continuous Ambient Air Quality Monitoring Station (CAAQMS)

**B. SITE ASSESSMENT**

**SITE NAME :** CJHMC - Adopt  
**SITE ADDRESS :** Camp John Hay Customs Area, Baguio City  
**LATITUDE :** 16.39828 N  
**LONGITUDE :** 120.61129 E

**FINDINGS/OBSERVATIONS:**

- The site was selected for the air quality monitoring station and satisfied the conditions indicated in the Manual for Siting and Design of Air Quality Monitoring Stations in the Philippines (EMB MC 2021-06). The site has been selected as the Adopt an Ambient Air Quality Monitoring Station for the JHMC.



- The equipment shows “Hardware Failure” message after Self-Test, and the equipment will not push through with the self-test (flow check) of the equipment but according to Mr. Christopher Haban of JHMC, who accompanied the EMB-CAR Personnel, the air quality monitoring equipment can run for a few hours but will stop midway through the sampling process and will not resume its air quality sampling, thus not complying with the 75% capture rate as required in DMC 2005-13.
- After the machine stopped, it will show “Sensor Range” error message on the screen, then the cycle will repeat.

#### ACTIONS TAKEN/RECOMMENDATIONS:

- The EMB-CAR personnel conducted leak testing of the equipment for internal and external component, and no leaks were found.
- The EMB-CAR Personnel tried plugging their BX-597 sensors to the equipment of the E-BAM Plus of the CJH to the EBAM Plus unit but to no avail. The error still arises.
- The team tried plugging their own vacuum pump to the unit of the CJH but still shows the errors.
- The team did basic troubleshooting and was not successful.
- It was recommended to contact third party contractors as this error was beyond the capability and knowledge of the team.
- Furnish JHMC a copy of this report.

For your information and further instructions.

Prepared by:

  
**GINNIE LYKO Q. MALAMUG**  
EMS-II, AMS

  
**ALBERT D. TAMSI**  
Technical Staff, AMS

Reviewed by:

  
**GRACE I. SOLANO**  
QC Chief, AMS

Noted by:

  
**ENGR. RAUL G. CUBANGAY**  
Chief, EMED



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# **“ANNEX A”** **Photo Documentation**

