



Department of Environment and Natural Resources
Environmental Management Bureau
Regional Office No. IV – B MIMAROPA

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential decree 1586)

ECC-R4B-0803-059-9200

THIS IS TO CERTIFY THAT PROPONENT LOCAL GOVERNMENT OF BOAC, MARINDUQUE represented by MAYOR MEYNARDO B. SOLOMON, is granted this Environmental Compliance Certificate (ECC), for the CATEGORIZED SANITARY LANDFILL-CATEGORY I PROJECT, located at SITIO BAGO-AGONG, BRGY. MAYBO, BOAC, MARINDUQUE by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau, Region IV- MIMAROPA.

SUBJECT ONLY to the conditions and restrictions set-out in this certificate.

PROJECT DESCRIPTION

This Certificate shall cover a categorized sanitary landfill Category I project, having a total land area of 54,672.00 square meters, located at Sitio Bago-Agong, Barangay Maybo, Boac, Marinduque. The estimated capacity of the disposal site is 29, 845.20 cubic meters with an estimated volume of waste collected is 8.00 cubic meters per day. It is projected that this area could hold the solid waste volume generated by the municipality for the next 6-10 years.


This Certification is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be found after issuance of this certificate.

Issued at Manila, Philippines this 5-14-08 day of _____, 2008.

Approved by:

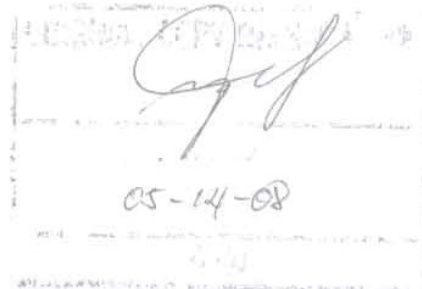
REYNALDO R. VILLAFUERTE
Regional Director

Recommending Approval:


BUENA FE A. RIOFLORIDO
Chief, EIA Division

ECC-R4B-0803-059-9200
Categorized Sanitary Landfill Project
Boac, Marinduque

CC: The RED DENR Region IV-B
The PENRO – Marinduque
The CENRO – Boac, Marinduque



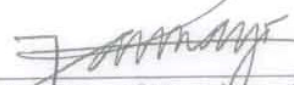
SWORN STATEMENT OF OWNER

Under the provisions of Presidential Decree 1586, I HEREBY CERTIFY that the information provided to the Department of Environment and Natural Resources – Environmental Management Bureau pertaining to this project are true and correct to the best of my personal knowledge and based on the records in my possession.

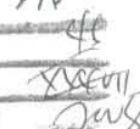

HON. MEYNARDO B. SOLOMON
Municipal Mayor

TIN _____

Subscribed and sworn to before me this **MAY 13 2008** **CITY OF MANILA** day of _____, 2008, the above-named affiant taking oath presenting Residence Certificate No. _____ issued on _____ 2008 at _____


Signature of Notarizing Officer

ATTY. RAMIL JOSELITO B. TAMAYO
NOTARY PUBLIC
PTR. NO. 6185298-01/02/08
IBP. NO. 712427-up to 12/31/09
ROLL No. 49687
Commission No. 2008-004 up to 12/31/09
Office: Rm. 601 Kimcee Bldg.
1000 Mabini St. Ermita, Manila


AGE NO. _____
BOOK NO. _____
DATE OF _____

ECC-R4H-0803-059-9200
Categorized Sanitary Landfill Project
Dona, Marinduque

CC: The RED DENR Region IV-B
The PENRO – Marinduque
The CENRO – Boac, Marinduque


6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita Manila
RD's Office 536-9786; Admin/Finance Division Telefax No. 400-5960
PC Division 521-8904, EIA Division Telefax No. 400-5960
E-mail Address: admin-emb-r4b@denr.gov.ph and emb_mimaropa@yahoo.com

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, especially those contained in the Development Plan, particularly in the Operation and Maintenance, including all their modifications as approved by the EMB R IV-B (MIMAROPA), shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation, including the following:

1. Tree planting shall be conducted with appropriate tree species in an open space within the project site;
2. Development and operation of the Categorized Sanitary Landfill Category I shall be in accordance with the guidelines set forth in the RA 9003;
3. The access road to the site shall be able to accommodate the number of trucks that will eventually ply this area during the entire operation of the categorized sanitary landfill;
4. Regular soil covering of freshly dumped solid waste at the end of each working day shall be done to minimize the production of leachate, control odor, prevent the proliferation of disease-carrying vectors, litter and prevent fire hazards;
5. Diversion canals and ditches shall be installed along the periphery of the disposal area to divert surface run-off away from the active area, as well as prevent ponding of rainwater;
6. Protective walls/perimeter fence with litter fence and with vegetated buffer zone must be constructed along the periphery of the site to ensure that the wastes are contained within the area designated for disposal;
7. The operator of the categorized sanitary landfill shall have a fill sequence plan for orderly placement of waste and in order to prevent indiscriminate dumping of incoming wastes;
8. Site personnel shall keep a record of the type of incoming waste volume and access to the site by unauthorized personnel be regulated;
9. Segregation of site shall not be tolerated to ensure 25% diversion of segregation at source;
10. The size of the working face (that portion of the active dumping area currently receiving the waste) should be controlled and indiscriminate dumping or burning shall not be allowed;
11. It is recommended that at least two (2) monitoring wells to be located upstream and downstream be installed to serve as sampling stations for ground water quality;
12. Although the increase in the volume of waste to be disposed is inevitable, the categorized sanitary landfill shall promote waste recovery scheme (Material Recovery Facility);
13. An IEC campaign must be carried out by the LGU to address the concerns of the community on the sanitation issues, as well as to educate them on proper waste management practices;
14. Recommendations stated in the Geo-Environmental Assessment shall be taken into consideration;

GENERAL CONDITIONS

15. The proponent shall conform with the provisions of the following:
 - a. PD 1586 *Philippine Environmental Impact Statement System*, DAO 2003-30
 - b. RA 6969 *Toxic and Hazardous Waste Act of 1990*, DAO 29
 - c. RA 8749 *Clean Air Act of 1999*, DAO 2000-81
 - d. RA 9003 *Ecological Solid Waste Management Act of 2000*, DAO 2001-34
 - e. RA 9275 *Clean Water Act of 2004*, DAO 2005-10
16. The proponent shall set up the following:
 - a. A **Memorandum of Agreement (MOA)** shall be entered into by the proponent with the **ECC Holders Association** to become part of their MMT and in setting up the corresponding **Environmental Monitoring Fund (EMF)** prior to project implementation;
 - b. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation of the MMT such as conduct meetings, training, sampling and analysis, hiring of technical experts, meals, accommodations, supplies and materials, communication, and transportation.

The amount and mechanics of the EMF, and the establishment of the MMT shall be determined by the EMB-MIMAROPA Region and the proponent in consultation with stakeholder-communities and other concerned agencies. This MOA shall be submitted to EMB-MIMAROPA within sixty (60) days upon receipt of this Certificate.
17. A Pollution Control Officer (PCO) shall be appointed by the proponent who shall continue to competently handle the environment-related aspects of the project. In addition to the monitoring requirements, the PCO shall also:
 - a. Monitor actual project impact vis-à-vis the predicted impacts and management measures in the development plan;
 - b. Accordingly recommend revisions to the Development Plan (DP) as necessary;
 - c. Ensure that the appropriate post-assessment permits are in place;
 - d. Ensure that monitoring and reporting are carried out as required; and
 - e. Assure compliance with the conditions of the approved ECC.
18. The proponent shall submit to this Office a summary of implementation of the project and proposed mitigating measures in the construction and operational phase. An accomplishment report on the implemented mitigating measures and the corresponding cost of the activities shall also be submitted on a quarterly basis for monitoring;
19. Permits/clearances from concerned agencies shall be submitted to this Office within thirty (30) days upon receipt hereof;
20. A **Self - Monitoring Report** shall be submitted to this Office quarterly;
21. Any authorized DENR-EMB Region IV-B personnel can initiate an on-the-spot inspection and monitoring even without prior notice;

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Categorized Similarity Landfill Project
Boac, Marinduque

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E-mail Address: emh_r4b@denr.gov.ph and emh_mimaropa@yahoo.com

22. Should the implementation of the project cause adverse environmental impacts and pose nuisance to the public health and safety, as determined by the DENR-EMB and other concerned agencies, the operation shall be temporarily suspended after prior notice and due process until such time appropriate remedial measures are effected and any damage resulting from the same are properly compensated;
23. Any false ground for information misrepresentation or omission of material facts in the submitted documents shall be sufficient, the cancellation or suspension of this ECC;
24. In case of abandonment, the Proponent shall notify the EMB Regional Office concerned within three (3) months prior to the abandonment and the Proponent shall submit its abandonment mitigation plan;
25. A 2' x 4' billboard containing this message : " **Notice to the Public, This project (title of the project) of (Name of the proponent) has been issued an Environmental Compliance Certificate (ECC Number) by the Environmental Management Bureau of the Department of Environment and Natural Resources, Region IV-B, on (date).**" This message must be installed at all entry and exit points and at all perimeters of the project facing the road to inform the general public within thirty (30) days from receipt of the certificate. A copy of the certificate shall also be posted by the Proponent at the barangay bulletin board of the affected barangays within thirty (30) days from receipt of the certificate. An accomplishment report which shall include picture verification of compliance to the posting of notices and the billboards shall be submitted to this Office within ninety (90) days from receipt of the ECC.

II. RESTRICTIONS

26. No other activities should be undertaken other than what was stipulated in the Development Plan (DP) submitted. Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the DP document; or any change in the activity, shall be made subject to a new Environmental Impact Assessment;
27. The project operation shall be limited to the project description; and
28. In case of transfer of ownership of this project, same conditions and restrictions shall apply and the transferee shall be required to notify the EMB Regional Office concerned within fifteen (15) days as regards to the transfer of ownership.

Non-compliance with any of the provisions of this certificate shall be a sufficient cause for the cancellation or suspension of this certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (50,000.00) for every violation thereof.

III. SUGGESTION TO THE PROJECT DESIGN, CONTRACTOR AND CONSTRUCTIONS

1. Compliance to occupational health and safety of the workers shall be ensured by the proponent by provision and use of Personal Protective Equipment (PPE) such as protective masks and other devices during operation phase;
2. Contingency measures shall be implemented in case of accidents, power failure, equipment malfunction and other emergencies; and
3. All designs and construction practices should be in accordance with rules and specifications as prescribed in the National Structural Code of the Philippines and/ or the National Building Code of the Philippines.