



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-1503-0034

THIS IS TO CERTIFY THAT THE PROPONENT, MUNICIPAL GOVERNMENT OF ABRA DE ILOG granted this Environmental Compliance Certificate (ECC) for the ABRA DE ILOG SANITARY WASTE DISPOSAL SITE PROJECT located at Pambuhan, Brgy. San Vicente, Abra De Ilog, Occidental Mindoro by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB), MIMAROPA Region.

This Certification is being issued for the Project, with the following details:

PROJECT DESCRIPTION

The project involves the construction, operation and maintenance of the *Category I Sanitary Landfill (Domestic Waste Disposal Facility) Project* with a total land area of *Ten Thousand (10,000) Square Meter* situated in *Thirty Thousand (30,000) square meters lot* covered by *Tax Declaration No(s). 02-004-1104-A and 02-004-1101-A* located at Pambuhan, Brgy. San Vicente, Abra De Ilog, Occidental Mindoro.

The estimated volume to be collected will be *10-12 Metric Tons* per day and the project life or service of the said project area to hold the solid waste volume generated will be *Thirty Years (30) years*.

And as well, the project shall operate and maintain its facilities and amenities as contain in the submitted Initial Environmental Examination Checklist/Report.

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.

This is to certify, further, that in issuing this CERTIFICATE, it should be understood that the same is a **PLANNING TOOL** and **NOT A PERMIT**. It is expected that the proponent will diligently secure pertinent **PERMITS/CLEARANCES** from all concerned government agencies prior to the start/implementation of the project. Furthermore, the DENR/EMB will be monitoring the project periodically to ensure compliance with the stipulations cited in the attached conditions and restrictions which are made as integral part of this ECC.

Issued at EMB MIMAROPA Region this MAR 17 2015

Recommending Approval:

BUENA FE A. RIOLÓRIDO
OIC-Chief, Clearance and Permitting
Division/OIC, EIA Section in
Concurrent Capacity

Approved by:

ALLAN V. LEUTERIO
ALLAN V. LEUTERIO
Regional Director

ECC-R4B-1503-0034

Abra De Ilog Sanitary Landfill Project

6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita Manila
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PC Division 521-8904, EIA Division Telefax No. 400-5960

E-mail Address: admin-emb-r4b@denr.gov.ph and emb_mimaropa@yahoo.com

SWORN STATEMENT OF OWNER/PROPONENT

Under the provisions of Presidential Decree 1586, I, **MAYOR ERIC A. CONSTANTINO** representative of **MUNICIPAL GOVERNMENT OF ABRA DE ILOG**, do hereby certify that the information provided to the Department of Environment and Natural Resources (DENR) – Environmental Management Bureau (EMB), MIMAROPA Region pertaining to **ABRA DE ILOG SANITARY WASTE DISPOSAL SITE PROJECT** located at **Pambuhan, Brgy. San Vicente, Abra De Ilog, Occidental Mindoro** are true and correct to the best of my personal knowledge and based on the records in my possession and I shall take full responsibility in complying with all conditions and restrictions contained in this Environmental Compliance Certificate (ECC).

ERIC A. CONSTANTINO
Municipal Mayor

**ABRA DE ILOG SANITARY
WASTE DISPOSAL SITE
PROJECT**

TIN: _____

SUBSCRIBED AND SWORN TO before me this _____,
the above-named affiant taking oath with Community Tax Certificate No. _____
issued on _____ at _____.

Signature of Administering Officer

ECC-R4B-1503-0034
Abra De Ilog Sanitary Landfill Project

[Signature]
[Signature]

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

The proponent shall strictly implement the following mitigating, enhancement, and rehabilitating measures:

1. That green buffer zones and tree planting shall be established within and along the periphery of the project site to help attenuate noise levels, abate heat and absorb some pollutant emissions.
2. The proponent shall enter into a Memorandum of Agreement (MOA) with the concerned DENR-Provincial Environment and Natural Resources Office in the implementation of the tree planting activity within **thirty (30) days** prior to project implementation. The tree planting is one of the recommended activities in compliance with the government's commitment to the Kyoto Protocol Agreement.
3. That an effective Information, Education and Communication (IEC) Plan shall be submitted within **30 days** prior to project operation and shall be implemented in all phases of the project including communication of environment risk of the project implementation
4. That the proponent shall strictly manage all external, traffic problems, excessive surface runoff, dust, soil erosion, accidental spillage and health hazards identified in the Initial Environmental Examination (IEE) Checklist and, in case of emergency episodes, appropriate response activities shall be immediately undertaken for the protection of the workers/ personnel, host and nearby communities and the receiving environment.
5. That an effective Information, Education and Communication (IEC) Plan shall be implemented in all phases of the project including communication of environmental risks of the project implementation.
6. Development and operation of the Categorized Sanitary Landfill should be in accordance with the guidelines set forth in the **R.A. 9003 (Ecological and Solid Waste Management Act of 2000)**, in addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP) and other environmental commitments such as but not limited to the following:
 - 6.1 Regular soil covering of freshly damped solid waste at the end of each working day shall done to **minimize the production of leachate, Control Odor, prevent proliferation of disease-carrying vectors, litter and prevent fire Hazard.**
 - 6.2 **Diversion canals and ditches shall be installed** along the periphery of the disposal area **to divert surface run-off away from the activity area**, as well as prevent ponding of rainwater.
 - 6.3 **Protective wall/perimeter fence with litter fence and with vegetable buffer zone must be constructed along the periphery** of the project site to ensure that the wastes are contained within the area designated for disposal.
 - 6.4 The operator of this project shall have a **fill sequence plan** for orderly placement of waste and in order to prevent indiscriminate dumping of incoming waste.
 - 6.5 Site Personnel shall keep a **record of the type of incoming waste volume and access** to the site by unauthorized personnel be regulated.
 - 6.6 Segregation of site shall be not tolerated **to ensure 25% diversion of segregation at source.**
 - 6.7 The size of the working face (that portion of the active dumping area currently receiving the waste) shall be controlled and **indiscriminate dumping or burning shall not allow or restricted.**

- 6.8 It is **recommended that at least two (2) monitoring wells** to be located upstream and downstream be installed to serve as sampling station for ground water quality.
- 6.9 And proponent shall promote **Waste Recovery Scheme (Material Recovery Facility)**.
7. That preservation and easement retention of natural drainage/waterways shall be undertaken and should conform with the provisions of the DENR Administrative Order No. 97-05 (Procedures in the Retention of Areas within certain distances along the Banks of Rivers, Streams, and Shores of Seas, Lakes and Oceans for Environmental Protection). If disturbed, a replacement drainage system shall be constructed within two (2) months from the disturbance.

GENERAL CONDITIONS

Further administrative conditions for the grant of this Certificate shall be strictly complied:

8. That the proponent shall religiously comply with the applicable provisions of P.D. 1586 (Philippine Environmental Impact Statement System), R.A. 9275 (Philippine Clean Water Act of 2004), R.A. 9003 (Ecological and Solid Waste Management Act of 2000), R.A. 6969 (Toxic Substances and Hazardous and Nuclear Waste Control Act of 1990) and R.A. 8749 (Philippine Clean Air Act of 1999) and the Sanitation Code of the Philippines (P.D. 856).
9. That the proponent shall set-up a competent Environmental Unit and shall be duly accredited by this Office in accordance with DAO No. 26, series of 1992 (Appointment/Designation of Pollution Control Officers). The Environmental Unit shall be integrated in the proponent's organizational chart to handle all environment related aspects of the project implementation in addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP) and other environmental commitments such as but not limited to the following:
- 9.1. **Monitor actual project impacts vis-à-vis the predicted impacts and management measures** in the IEE Checklist.
- 9.2. **Ensure that all post-assessment permits/clearances from other concerned government agencies** are secured and in place.
- 9.3. **Regular submission of a semi-annual ECC Compliance Monitoring Report (on or before January 15 and July 15 of each year the project is operational)** provided with supporting documents and in accordance with the prescribed format stipulated in the Implementing Rules and Regulations of P.D. 1586.
- 9.4. **Submit a quarterly monitoring report using the prescribed format of the Self-Monitoring Report (SMR)** pursuant to DAO 2003-27.
- 9.5. **Submit an Abandonment Plan two (2) months prior to the abandonment activities.** It shall include rehabilitation measures/clean-up, costs, remediation of areas possibly contaminated with toxic/hazardous substances and presentation of options on proposed alternative projects in the area.
10. That the proponent shall allocate ample budget for the implementation of the proposed mitigating/enhancement measures during the operation and abandonment phases of the project.
11. That health and sanitation practices shall be observed in all phases of the project and safety & personal protection equipment/devices shall always be provided to all employees/workers within the premises of the project site to prevent health and occupational hazards.

12. That a billboard containing this message: "Notice to the Public, This ABRA DE ILOG SANITARY WASTE DISPOSAL SITE PROJECT of MUNICIPAL GOVERNMENT OF ABRA DE ILOG has been issued an Environmental Compliance Certificate (ECC-R4B-1503-0034) by the Department of Environment and Natural Resources - Environmental Management Bureau MIMAROPA Region on MAR 17 2015" shall be installed at all entry and exit points and in the perimeter of the project site facing the road to inform the general public within thirty (30) days from receipt of the ECC.
13. That any authorized DENR-EMB personnel, with proper identification card and travel/mission order, shall be allowed unconditional access to conduct an on-the-spot inspection and monitoring to the project without the need for prior notice to the proponent to oversee compliance to the ECC.

II. RESTRICTIONS

1. *That no other activities should be undertaken other than what was stipulated in the IEE Checklist.* Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the IEE Checklist; or any change in the activity or location, shall be made subject to a new Environmental Impact Assessment (EIA) requirements.
2. That all appropriate construction, operational and resource-use permits/clearances from other national and local government agencies concerned (i.e. PMRB, PNP, LGUs, DPWH, DOH, NWRB, HLURB, MGB, DA, DAR, DOLE, DTI, etc.) shall be secured pertaining to the implementation of the project. Likewise, the proponent shall notify this Office of the reckoning date of project operation
3. That in case of transfer of ownership/management of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify this Office concerned within fifteen (15) days as regards to the transfer of ownership/management.
4. That the proponent shall plant an equivalent area of the project with appropriate tree species and shall coordinate with PENRO/CENRO concerned for area identification within **thirty (30) days** prior to project implementation. And status of compliance shall be included in the semi-annual submission of CMR.
5. That the proponent (**MUNICIPAL GOVERNMENT OF ABRA DE ILOG**) shall be accountable for any misrepresentation and failure to state material information in the submitted documents.
6. That dumping of untreated hospital waste/medical waste materials is rigorously prohibited. **No dumping of UNTREATED hospital waste.**

The conditions stipulated in this Certificate shall be deemed final within fifteen (15) days from receipt hereof and all conditions and restrictions set forth above shall be complied with by the herein grantee. This ECC is deemed expired if not implemented within five (5) years from the date of issuance and the proponent shall have to apply for a new ECC if it intends to pursue the project.

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 (Php50, 000.00) for every violation thereof.

PROJECT ASSESSMENT PLANNING TOOL

For the assistance of the Proponent, other concerned government agencies and LGUs in the management of the project and for better coordination in mitigation on the impact of the project on its surrounding areas and to the environment.

By way of recommendation, the following have been taken notice of by the EMB MIMAROPA Region and are forwarding these recommendations to parties and authorities concerned for proper action and integration into their decision-making process.

A. Recommendations to Concerned Government Agencies/LGUs	Concerned Permitting, Deciding, Monitoring Entities
1. That MUNICIPAL GOVERNMENT OF ABRA DE ILOG shall ensure that socio-economic concerns of various stakeholders are adequately addressed.	Abra De Ilog LGU
2. That MUNICIPAL GOVERNMENT OF ABRA DE ILOG should implement segregation, collection, recycling and disposal mechanism for solid waste in accordance with RA 9003.	Abra De Ilog LGU
3. That the occupational health and safety standards/regulation must be complied with by the MUNICIPAL GOVERNMENT OF ABRA DE ILOG	Abra De Ilog LGU
4. That adequate storm drainage canal, concrete culverts and other flood control measures need to be provided to adequately receive and channel the run-off of silt laden rainwater to the nearby receiving body of water.	Abra De Ilog LGU
5. That MUNICIPAL GOVERNMENT OF ABRA DE ILOG should coordinate traffic management in the area affected by the project in anticipation in the growth of traffic arising from the project.	Abra De Ilog LGU
6. That temporary sanitary toilet facilities should be provided for the construction workers, and any waste should be properly disposed of so as not to cause nuisance to the immediate environment	Abra De Ilog LGU
7. That MUNICIPAL GOVERNMENT OF ABRA DE ILOG shall secure permits/clearances from concerned agencies and shall submit to this Office prior to project implementation	Abra De Ilog LGU and Other Government Agencies concerned
8. That 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.	Abra De Ilog LGU, LGU Building Official
B. Environmental Planning Recommendations for the Proponent	
1. MUNICIPAL GOVERNMENT OF ABRA DE ILOG shall undertake close monitoring in all stages of the project implementation to maintain a high level of environmental safety and performance efficiency and immediately address any environmental hazards.	

For dissemination and proper action of the parties concerned.

Recommending Approval:

Approved by:

YMA
BUENA FE A. RIOFLORIDO
OIC-Chief, Clearance and Permitting
Division /OIC, EIA Section in
Concurrent Capacity

ALLAN L. LEUTERIO
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