



LAGUNA LAKE DEVELOPMENT AUTHORITY

RESOLUTION NO. 106, SERIES OF 1999

Approving the Policy Guidelines Governing All Industrial Estates/Parks within the Laguna De Bay Region

WHEREAS, Republic Act No. 4850, as amended, empowers the Laguna Lake Development Authority to implement the provisions of Presidential Decree No. 984, otherwise known as "The Pollution Control Law of the Philippines", within the Laguna de Bay Region;

WHEREAS, the Laguna de Bay Region has been the center of industrialization and urbanization thereby promoting the LLDA to become pro-active in its effort and manage the resources of the region towards sustainable development and thus, implementing the Environmental Users Fee System within the region;

WHEREAS, the Environmental Users Fee System was approved for implementation in the Laguna de Bay Region under the LLDA Board Resolutions No. 25, Series of 1996;

WHEREAS, under Board Resolution No. 33, Series of 1996, adopting the Rules and Regulations Implementing the Environmental User Fee System in the Laguna de Bay Region, all development Projects, installations and activities that discharge liquid waste into a pose a threat to the environment and the Laguna de Bay Region covering industrial, commercial, domestic and agricultural sources are covered by the System;

WHEREAS, for efficient and more effective implementation of the foregoing laws, rules and regulations, there is an urgent need to classify industrial estates/parks within the Laguna de Bay Region and develop guidelines toward self-regulation;

NOW THEREFORE, foregoing premises considered and pursuant to the provisions of R.A. 4850 as amended and Board Resolution No. 33, Series of 1996, BE IT RESOLVED, as it hereby RESOLVED, to adopt the following Policy Guidelines Governing all Industrial Estates/Parks within the Laguna de Bay Region.

I. POLICY STATEMENT

The Laguna Lake Development Authority recognizes the unique role of industrial estates/parks as a partner in the effective implementation of pollution control rules and regulations as well as the Environmental User Fee System in the Laguna de Bay Region.

Every industrial estate or industrial park within the Laguna de Bay is expected to observe due diligence in protecting the environment and thus required to put up a Centralized Treatment Plant for all liquid waste discharge by its individual locators. Locators of industrial estates may discharge their wastes provided they are connected to centralized treatment plant of the park. As such the central treatment facility or central sewage treatment plant as the case may be, is considered as the treatment facility of individual locators.

II. SCOPE

These guidelines provide for the policies, standards, monitoring, inspection and assessment protocols for implementing P.D. 984, its relates rules and regulations and the Environmental User Fee System for all industrial parks and industrial estates and their locators within the Laguna de Bay Region.

III. DEFINITION OF TERMS

For the purpose of these policy guidelines, whenever any of the following words, terms or phrases are used herein or any amendment or supplementary thereto which may be issued hereafter, they shall have the following meaning, to wit:

a. **"Authority" or LLDA** shall refer to the Laguna Lake Development Authority.

b. **Environmental User Fee System (EUFS)** is a market based policy instrument currently being implemented by the LLDA. It is primarily aimed at reducing the pollution load into the Laguna de Bay by enjoining all discharges of liquid waste to internalize the cost of environmental degradation and enhancement into their business decisions.

c. **Industrial estate/park** refers to a tract of land subdivided and developed according to a comprehensive plan under a unified continuous management and with provisions of basic infrastructure and utilities, with or without pre-built standard factory and community facilities for the use of a community of industries.

d. **Economic Zones or "Special Economic Zones" (SEZ)** shall refer to selected areas with highly develop or which have potential to be developed into agro-industrial, industrial, tourist, recreational, commercial, banking, investment and financial centers whose meters and bounds are fixed or delimited by Presidential Proclamations.

e. **Centralized Wastewater Treatment Facility or CWTF** refers to a facility designed to treat both domestic and process wastewater generated from individual locator within the Industrial Estate/Park

f. **Central Sewage Treatment Plant or CSTP** refers to a facility designed to treat domestic wastewater only generated from individual locators within the Industrial Estate/Park.

g. **Internal Effluent standard** shall refer to the prescribed effluent standards for locators inside an industrial park/estate that are inter-connected to the CWTF imposed by the park/estate on the capacity and design efficiency of their CWTF.

h. **Biological waste** shall refer to the organic waste that can be easily decomposed/biodegraded.

i. **Physio-Chemical Parameters** shall refer to the six (6) significant parameters under DAO No. 35, i.e., pH, BOD, Cod, TSS, Color, Oil/Grease.

j. **Existing Industrial Estate/Parks** shall refer to those parks/estates that have been issued an LLDA Clearance prior to effectivity of these rules

k. **Effluent** is a general term denoting any wastewater, partially or completely treated, on its natural law estate or liquid waste flowing out through a pipe or a single outlet structure from a manufacturing/industrial plant or wastewater treatment plant

l. **Domestic Wastewater** shall mean wastewater discharges from closets, bath tubs, showers, sinks, wash basins and similar sanitary conveniences in a building. IT synonymous to "domestic sewage"

IV. REQUIREMENTS FOR A CWTF

All new Industrial Estate/Parks to be developed or established within the Laguna de Bay Region shall be required to install CWTF for treatment of both physico-chemical, and biological parameters. Locators with heavy metals must have a pre-treatment facility to treat their wastewater prior to discharge. Henceforth, all individual locators to be located thereat shall be connected to the CWTF.

However, for existing industrial estate parks/without a CWTF, each locator with wastewater discharge shall be required to install their treatment facilities.

Management of industrial estates/parks shall have the responsibility to review and approve the design and monitor the operation of such individual treatment facilities proposed by locators considering the set internal effluent standards as well as for monitoring purposes.

V. REQUIREMENTS FOR A DISCHARGE PERMIT

New and existing industrial parks and their locators within the Laguna de Bay Region which discharge, in any matter, liquid waste into the environment shall be required to secure their respective Discharge Permits from the Authority in accordance with P.D. 984, its implementing guidelines, rules and regulations and Board Resolution No. 33, series of 1996, including the required LLDA Clearance and other permits.

VI. ASSESSMENT OF ENVIRONMENTAL USER FEE

The following guidelines shall govern the assessment of environmental user fees of industrial estate/parks and individual locators within the Laguna de Bay Region:

a. All industrial estate/parks are required to pay both fixed fee and variable fee for its liquid waste discharges.

b. For those locators within the industrial estate/park with interconnection to a CWTF who complies with the internal effluent standards of the park, only a fixed fee shall be assessed. No variable fees shall be required to paid.

c. For those locators within the industrial estate/park with interconnection to a CWTF but are not complying with the internal effluent standards of the park, they shall be required to pay variable fees in excess if the internal standards including fines and penalties.

d. For those locators within an industrial estate/park without CWTF they shall be required to pay both the fixed fee and the variable fees for all their wastewater discharges.

VII. APPLICATION OF EFFLUENT STANDARDS

In general, all industrial estate/parks shall comply with the standards for Inland waters Class "C" under DAO 35. For monitoring and self-regulatory purposed, industrial parks may set their own internal effluent standards provided they have a CWTF.

For individual locators with interconnection to the CWTF, the parameters stated under the internal effluent standards of the park as submitted to the LLDA shall apply.

For heavy metals, all locators shall apply comply with DAO 35.

VIII. MONITORING AND REPORTING PROTOCOLS

Both the central treatment facilities of industrial estates and those of individual locators are covered by the LLDA's monitoring and inspection requirements pursuant to the Board Resolution No. 33, Series of 1996. However, each industrial estate shall establish its own monitoring program which would include the following:

a. Monitoring system procedure.

b. Effluent sampling on monthly basis to be submitted to the LLDA on a quarterly basis.

For purposes of carrying out their respective functions, the LLDA and the management on industrial parks may conduct joint ocular inspection at least once a year to determine compliance of both locators and industrial parks with these guidelines, LLDA pollution control rules and regulations and the EUFS.

IX. ASSESSMENT OF FINES AND PENALTIES

For industries located within the industrial estate/park, the internal effluent standards of the park shall be observed provided that it is interconnected to the CWTF of the park. However, in case of violation of the internal effluent standards, fines/penalties shall be imposed by the Authority pursuant to the provisions of P.D. No. 984.

X. OTHER PROVISIONS

The LLDA shall furnish the management of industrial estates/parks with copies of legal order/decisions involving their individual locators for recording and monitoring purposes.

All industrial estates/parks located within the Laguna de Bay Region shall immediately submit to the LLDA a complete list of locators with and without interconnection to the CWTF together with a copy of their respective internal effluent standards.

XI. IMPLEMENTATION STRATEGY

For the effective implementation of these guidelines, a Memorandum of Agreement shall be executed between the LLDA and all the Industrial Estate/Parks within the Laguna de Bay Region immediately after the approval of these policy guidelines.

The LLDA-environmental Protection Division and Legal Division shall take the lead insuring the smooth implementation of these guidelines as well as the preparation, signing and execution of the agreement.

XII. EFFECTIVITY

These policy guidelines shall take effect fifteen (15) days after publication in a newspaper of general circulation.

APPROVED on March 25, 1999:

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