De La Salle University – Dasmariñas

Advanced Waste Water Treatment in Steel Industries

For Reuse in different Industrial purposes

SY 2001-2002

An Undergraduate Thesis

Presented to

The Faculty of the College of Technology

De La Salle University – Dasmarinas

Dasmarinas, Cavite

In Partial Fulfillment

of the Requirements for the degree

Bachelor of Science in Industrial Technology

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March 2002

ABSTRACT

De la Salle University-Dasmarinas
Dasmarinas, Cavite

Advanced Waste Water Treatment in Steel Industries for Reuse in different Purposes

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FUNDING SOURCE: Guardians COST: PhP 1600

DATE STARTED: December 2001 DATE COMPLETED:February 2002

OBJECTIVES OF THE STUDY:

A. GENERAL:

a. To implement the usage of advance wastewater treatment in Steel Industries in the province of Cavite

B. SPECIFIC:

a. to reuse the wastewater in different industrial purposes

b. to be able to substitute the current method of steel industries in treating the wastewater into advanced wastewater treatment

c. to be able to stop the further damage of our ecosystem by treating the wastewater before it is disposed

SCOPE AND COVERAGE: the study was limited to the Industrial wastewater of Steel Industrial Plants situated in Cavite.

METHODOLOGY: The methodology used is the descriptive method of research.

MAJOR FINDINGS: Industrial plants can utilize its sources of water supply and natural bodies of water will not be hampered by the amount of wastewater received from industrial plants by treating the wastewater for reuse.

CONCLUSIONS: In protecting the environment, prevention is the key to halt the further damage to the environment

RECOMMENDATIONS: The way to counter the effect of industrial wastewater is to stop it from being released to the natural bodies of water, this can be done by installing wastewater treatment facilities to pre-treat the industrial wastewater of the different steel industries in Cavite, either for disposal or reuse.

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