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INDUSTRIAL WASTE CONTROL

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TANIA KATBAH

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INDUSTRIAL WASTE CONTROL

By
Tania Katbah

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Chapter 1

Part I

Industrial Waste Control

1 Introduction

Environmental Engineering has been defined as the branch of Engineering that is concerned with protecting the environment from the potentially deleterious effects of human activity, protecting human populations from the effects of adverse environmental factors, and improving environmental quality for human health and well being.

As the above definition implies, humans interact with their environment - sometimes adversely impacting the environment and sometimes being adversely impacted by pollutants in the environment.

For every natural act of pollution, for every undesirable alteration in the physical, chemical, or biological characteristics of the environment, for every incident that eroded the quality of the immediate, or local, environment, there were natural actions that restored that quality.

Though the system has operated for millions of years, it has begun to show signs of stress, primarily because of the impact of humans upon the environment. Therefore, due to both regulatory pressures and internal concerns, environmental protection has grown to play a major role in current industrial operations. All parties are reconciled that much must be done toward reducing various discharges to water courses, to the atmosphere and to the land.

Since all development projects may be expected to release some pollutants into the environment, this project examines one source of pollution which is Industrial Wastes.