# ENVIRONMENTAL LAW HANDBOOK

Sixth Edition



Government Institutes, Inc.

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J. Gordon Arbuckle, G. William Frick, Marshall Lee Miller, Thomas F.P. Sullivan and Timothy A. Vanderver, Jr.

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#### **PREFACE**

The environmental law and regulations field has evolved rapidly over the past ten years. This emergence, however, has presented many challenges to those concerned. A key problem has been how to keep abreast of what are the key provisions of the major statutes and the requirements of the various regulations. Government Institutes has endeavored to help satisfy this informational need by publishing the Environmental Law Handbook which is regularly updated to provide information as current as possible. We envision now that the changes will continue but the changes will not be as major as they have been in the past ten years. Major new statutes are not envisioned but there will be amendments. It appears that the major environmental legislation is now in place and the future will see the implementation of these laws through regulations, enforcement programs, and court actions. So, we have undertaken the expense and time to typeset this Sixth Edition.

The growth in the environmental field has necessitated an accompanying growth in the Environmental Law Handbook. With this Sixth Edition, we have decided to publish in a separate book the major environmental statutes. This has been done for several reasons. One is the fact that the statutes themselves are over five hundred pages and, combined with the material in the handbook, it would be an extremely cumbersome book. Second, the statutes will be amended and by having them in a separate book, we can maintain currency more readily. Third, some people already have copies of the statutes and, for them, reproduction herein is a duplication.

We are very proud of our accomplishments in publishing this Sixth Edition. The Environmental Law Handbook has become a respected reference in the environmental field. However, to maintain our leadership position, we must continue our improvements. So, recommendations are solicited on how we can do a better job of informing those concerned with environmental protection about the laws and regulations. Your suggestions and comments on how we can better serve the informational needs of the environmental community would be appreciated. This concern goes beyond the publications field and extends to our educational offerings. Now, we offer on a regular basis two Environmental Law Courses, introductory and master's, the annual Toxics Control Conference, and seminars on RCRA, water pollution and air pollution. In addition, we are conducting special in-plant seminars for various organizations. Suggestions on continuing educational forums are always welcome.

We sincerely hope that our endeavors help to bring about a better understanding of what is needed and what should be done in environmental and health protection.

#### **GOVERNMENT INSTITUTES**

Thomas F. P. Sullivan President

#### **ACKNOWLEDGMENTS**

Government Institutes is indebted to many people in the continuing development of this Environmental Law Handbook series. Those who have assisted us are too numerous to name individually. However, we would like to single out a few individuals for special recognition because of their significant contributions. These individuals include the authors to whom we are thankful for that extra effort to insure the high quality of the materials. Then, special credit must be given to their secretaries and assistants who aided in the manuscript preparation and proofreading. These are: Nina Dibala, Marion Ferrell, Mickey Kennett, Rene Kennish, and Lucy Stoner. Thanks also go to our summer assistants, Joseph G. Busch, Erwin H. Schuler, and James E. Schuler for their proofreading and indexing. The coordinator of this project, Patricia Rae-Grant, made the timely publication of these materials in a couple of months—an extremely challenging schedule—a reality. To everyone the publishers are truly indebted.

James J. Lombardo Publications Manager Government Institutes, Inc.

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#### Chapter 1

# FUNDAMENTALS OF ENVIRONMENTAL LAW

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#### 1.0 Introduction

The primary objective of this book is to satisfy, in part, the need for current information on environmental laws and regulations to those concerned with protecting public health and the environment.

The attainment of this objective is a very difficult and challenging task, because our reading audience includes a broad spectrum of educational backgrounds and degrees of experience. Some readers will have little exposure to environmental law, while others will be experienced practitioners of the law. This first chapter is designed primarily for readers without legal training; however, lawyers may find it to be an interesting review. This chapter will provide the major fundamentals underlying and complementing the environmental laws and regulations. This book is not intended to be another erudite tome but a useful text that will help those with responsibilities for environmental protection to comply with both the letter and the spirit of the law.

#### 2.0 Lawyers and Laymen

Attorneys are professionally trained to provide advice on "legal matters." However, some knowledge of environmental laws and regulations is necessary for those non-lawyers who control the operations and installations that are involved in environmental protection.

A basic understanding of legal principles is also beneficial to environmental managers when the need arises to work with legal counsel. Also, non-lawyers who have environmental responsibilities should know something about environmental law to better enable them to understand an environmental attorney's advice regarding prevention