SUMMARY CONTENTS

Note that this is an **outline**; a detailed table of contents precedes each Chapter.

CHAPTER I

A.	The Structure of Environmental Protection	I 1
В.	Current Trends in Environmental Protection 1. Alternatives to "Command and Control" Regulation 2. Pollution Prevention 3. Environmental Justice 4. Facility and Homeland Security 5. Evaluating the Nation's Environmental Program	I 2 I 2 I 3 I 4 I 4 I 5
C.	This Manual	I 6
App	pendices	
	APTER II R QUALITY	
A.	Introduction	II A 1
B.	Structure of Air Quality Regulation 1. Federal Clean Air Act 2. State Air Quality Laws	II B 1 II B 1 II B 5
C.	 Defining Conventional Pollutants and Ambient Air Quality Defining Conventional Pollutants Defining Ambient Air Quality Attainment and Nonattainment of Ambient Air Quality Standards Volatile Organic Compounds from Consumer and Commercial Products 	II C 1 II C 1 II C 2 II C 3 II C 7
D.	Permits for Stationary Sources 1. Defining Key Terms 2. Preconstruction Review for New or Significantly Modified Stationary Sources 3. CAA Operating Permit Program (Title V)	II D 1 II D 1 II D 3 II D 7
E.	Regulating Routine Emissions of Air Toxics 1. Introduction 2. Regulating Hazardous Air Pollutants (Title III)	II E 1 II E 1 II E 1
F.	Accidental Release Prevention	II F 1
G.	Stratospheric Ozone Protection (Title VI) 1. Regulated Substances 2. Phaseouts for Class I Substances 3. Phaseouts for Class II Substances 4. Production and Consumption Allowances 5. Record-keeping and Reporting Requirements 6. Ban on Nonessential Products Containing CFCs 7. Significant New Alternatives Policy 8. Labeling of Products That Use Ozone-Depleting Substances 9. Recycling and Emissions Reduction	II G 1 II G 1 II G 2 II G 3 II G 4 II G 4 II G 4a II G 4a II G 5 II G 6

USG 10/10 [©]STP Contents **i**

	10. Servicing Motor Vehicle Air Conditioners11. Federal Agency Procurement Requirements	II G 7 II G 7
Н.	Acid Deposition Control (Title IV)	II H 1
I.	Mobile Sources (Title II) 1. Motor Vehicle Standards 2. Fuel Standards 3. Hydrogen Fuel	III 1 III 1 III 3 III 5
J.	CAA Administration and Enforcement 1. Records, Monitoring, and Reporting 2. EPA Oversight of States 3. Inspections and Civil Enforcement 4. Criminal Liability 5. Awards for Assistance to Enforcement 6. EPA Inspector General	ПЈ 1 ПЈ 3 ПЈ 3 ПЈ 4 ПЈ 9 ПЈ 9
K.	Climate Change 1. International Efforts 2. U.S. National Efforts 3. State Efforts	II K 1 II K 1 II K 3 II K 7
Ap	pendices	
	IAPTER III ATER QUALITY	
Int	roduction	III 1
A.	Protection of Water Resources 1. Federal Clean Water Act 2. Special Enforcement Provisions for Oil and Hazardous Substances 3. Post Valdez—The Oil Pollution Act of 1990	III A.1 1 III A.1 1 III A.2 1 III A.3 1
В.	 Safe Drinking Water Scope and Purpose Defining Public Water Systems Drinking Water Regulations Regulation of Public Water Systems Drinking Water Requirements for Bottled Water Bioterrorism Prevention Enforcement 	III B 1 III B 1 III B 2 III B 2 III B 7 III B 21 III B 22 III B 22
C.	Great Lakes Protection 1. Introduction	III C 1 III C 1
	 Treaties and Agreements U.SCanadian Great Lakes Strategies CWA Requirements An Additional Threat to the Great Lakes 	III C 1 III C 2 III C 3 III C 3

Contents ii USG 1/10 [©]STP

Appendices

CHAPTER IV REGULATION OF TOXIC CHEMICALS

Intr	oduction	IV 1
A.	Pesticide Regulation 1. The Federal Insecticide, Fungicide, and Rodenticide Act 2. Pesticide Registration 3. Regulation of Pesticide Operations 4. Additional FIFRA Requirements 5. Preventing Contamination by Pesticides 6. Exemptions from FIFRA Requirements 7. Enforcement	IV A 1 IV A 2 IV A 6 IV A 14 IV A 15 IV A 17 IV A 18
B.	Regulation of Chemicals Introduction 1. Toxic Substances Control Act—Title I 2. Asbestos Hazard Emergency Response Act—TSCA Title II 3. Indoor Radon Abatement—TSCA Title III 4. Lead Exposure Reduction—TSCA Title IV	IV B 1 IV B 1 IV B 2 IV B 12 IV B 14 IV B 15
C.	Storage of Petroleum and Hazardous Substances Introduction 1. Defining Terms 2. Tank Registration 3. UST Construction Standards 4. UST System Operating Standards 5. Requirements for Contractors 6. Closure 7. Release Reporting and Corrective Action 8. Financial Responsibility for Petroleum UST Cleanup 9. Regulation and Enforcement	IV C 1 IV C 1 IV C 4 IV C 4 IV C 7 IV C 8 IV C 8 IV C 9 IV C 10 IV C 13
D.	Regulation of Labeling of "Hazardous Substances" 1. Definitions 2. Prohibited Acts 3. Administration and Enforcement 4. Civil and Criminal Penalties	IV D 1 IV D 1 IV D 3 IV D 4 IV D 5
E.	Advertising: Limitations on Environmental Marketing Claims 1. Scope and Purpose 2. FTC "Green Guides" 3. Enforcement 4. State Limitations	IV E 1 IV E 1 IV E 2 IV E 6 IV E 6
F.	Abatement of Lead in Housing and Other Buildings 1. Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X)	IV F 1 IV F 1

Appendices

USG 1/09 [©]STP Contents **iii**

CHAPTER V

WASTE MANAGEMENT

Intro	oduction	V 1
A.	Hazardous Waste Management—Federal Resource Conservation and Recovery Act 1. Authorization of State Programs by EPA 2. Hazardous Waste Defined 3. Hazardous Waste Generators 4. Transportation of Hazardous Wastes 5. Hazardous Waste Transporters 6. Treatment, Storage, and Disposal Facilities 7. Land Disposal Restrictions 8. SARA Capacity Assurance Plan 9. Regulation of Underground Storage Tanks 10. Inspections 11. Enforcement	VA 1 VA 2 VA 2 VA 15 VA 20d VA 20f VA 21 VA 29 VA 32h VA 32h VA 33
B.	Non-Hazardous Waste Management 1. Introduction 2. Federal Solid Waste Disposal Act	VB 1 VB 1 VB 1
C.	 Medical Waste Management California State and Local Regulatory Program California Definition of Medical Waste California Requirements for Medical Waste Generators California Permits for Common Storage Facilities Used by Small Quantity Generators Medical Waste Transportation in California Medical Waste Treatment Facilities in California California's Containment, Storage, and Treatment Standards California's Trauma Scene Waste Management Act Enforcement in California The Joint Commission 	VC 1 VC 2 VC 3 VC 6 VC 8 VC 11 VC 12 VC 15 VC 16 VC 19
App	pendices	
	APTER VI DERAL TOXICS CLEANUP LAW (SUPERFUND)	
Intro	oduction	VI 1
A.	Overview	VI A 1
B.	Locating and Characterizing Hazardous Sites 1. Defining Hazardous Substances 2. The Petroleum Exclusion 3. Setting Reportable Quantities 4. Notification of Contamination	VIB 1 VIB 1 VIB 1 VIB 2 VIB 3
C.	 Cleanup In General National Oil and Hazardous Substance Pollution Contingency Plan State Involvement in Response Actions Removal and Remedial Actions Site Evaluation, Remedial Action Selection, and Cleanup Standards Cleanup Contractors 	VIC 1 VIC 1 VIC 2 VIC 3 VIC 3 VIC 7 VIC 8

Contents iv USG 7/11 [©]STP

D.	The Superfund 1. In General 2. Claims Against The Superfund	VI D 1 VI D 1 VI D 1
E.	Responsible Parties and Their Liabilities 1. Responsible Parties 2. Liabilities 3. Contribution and Cost Recovery 4. Immunities and Defenses 5. Limits on Liability	VIE 1 VIE 1 VIE 2 VIE 3 VIE 4 VIE 13
F.	Settlement Procedures	VIF 1
G.	Citizen Suits	VI G 1
H.	Financial Responsibility Requirements for Vessel Operators	VI H 1
I.	Public Participation Opportunities	VII 1
J.	Brownfields Redevelopment and Funding 1. Brownfield Site Defined 2. Brownfield Site Revitalization Funding and Assistance 3. Additional Brownfields Legislation	VI J 1 VI J 1 VI J 2 VI J 2
K.	Enforcement and Penalties	VI K 1
Ap	pendices	
	IAPTER VII DLLUTION PREVENTION	
Intı	roduction	VII 1
A.	Federal Programs 1. Federal Pollution Prevention Act 2. Regulatory Requirements for Hazardous Waste 3. Regulatory Requirements for Air Quality 4. Regulatory Requirements for Water Quality 5. Agricultural Pollution Prevention	VII A 1 VII A 1 VII A 2 VII A 4 VII A 5 VII A 5
B.	State Programs 1. New Jersey Pollution Prevention Act	VII B 1 VII B 1
C.	Pollution Prevention Information and Funding Programs	VII C 1
D.	Pollution Prevention Programs Imposed on Federal Agencies by Executive Order 1. President Clinton's Executive Orders 2. President Bush's Executive Orders 3. President Obama's Executive Orders	VII D 1 VII D 1 VII D 2 VII D 4

USG 1/10 [©]STP Contents **v**

Appendices

CHAPTER VIII

EMERGENCY PLANNING AND PREVENTION

Introduction		VIII 1
A.	 Emergency Planning and Community Right-to-Know Act Emergency Planning Involving Extremely Hazardous Substances Reporting Spills and Leaks of Extremely Hazardous Substances Reports of Hazardous Chemicals in the Workplace Toxic Chemical Release Reporting Administration and Enforcement 	VIII A 1 VIII A 2b VIII A 4 VIII A 7 VIII A 14
B.	Accidental Release Prevention 1. Regulated Substances and Threshold Quantities 2. Regulated Stationary Sources 3. ARP Compliance Requirements 4. Chemical Safety and Hazard Investigation Board 5. Limitations on Public Access to OCA Information 6. Administration and Enforcement	VIII B 1 VIII B 2 VIII B 4 VIII B 5 VIII B 9 VIII B 10 VIII B 11
	IAPTER IX ORKER PROTECTION: OCCUPATIONAL SAFETY AND HEALTH	
Int	roduction	IX 1
A.	Statutory and Regulatory Structures 1. Federal Occupational Safety and Health Act 2. State Occupational Safety and Health Laws and Regulations	IX A 1 IX A 1 IX A 6
B.	Employers' General Duty Clause	IX B 1
C.	Standards Applicable to Routine Operations 1. Hazard Communication Standard 2. Chemicals Subject to Specific Standards 3. Bloodborne Pathogen Standard 4. Laboratory Standard 5. Process Safety Management Standard 6. Respiratory Protection Standard	IX C 1 IX C 1 IX C 9 IX C 11 IX C 15 IX C 16 IX C 18
D.	 Emergency Planning and Prevention Standards Emergency Action Plan Standard Fire Prevention Plan Standard Hazardous Waste Operations and Emergency Response (HAZWOPER) Standard 	IX D 1 IX D 1 IX D 2 IX D 3
E.	Administration and Enforcement 1. Employer Record Keeping 2. Inspections and Investigations 3. Citations and Abatement 4. Injunctions 5. Civil Penalties 6. Criminal Sanctions 7. Policy Encouraging Voluntary Self-Audit Programs 8. Whistleblower Protections	IX E 1 IX E 1 IX E 4 IX E 5 IX E 7 IX E 8 IX E 9 IX E 9
• •P	Pennite	

Contents vi USG 6/10 [©]STP

CHAPTER X

Appendices

TRANSPORTATION OF HAZARDOUS MATERIALS

Inti	roduction	X 1
A.	Scope and Purpose 1. Defining Key Terms 2. Exceptions for "Materials of Trade" 3. Federal Preemption	X A 1 X A 2 X A 4 X A 5
В.	Routine Compliance 1. Defining Hazardous Materials 2. Packaging 3. Markings, Labels, and Placards 4. Shipping Papers 5. Emergency Response Information 6. Training Hazmat Employees 7. Regulation of Hazardous Materials Shipments 8. Security Plans	XB 1 XB 1 XB 2 XB 2 XB 3 XB 4 XB 5 XB 7 XB 14
C.	Reporting Transportation Incidents	X C 1
D.	Administration and Enforcement 1. Recordkeeping and Inspections 2. Civil Enforcement and Liability 3. Criminal Enforcement and Liability	X D 1 X D 1 X D 1 X D 2
Ap	pendices	
FA	HAPTER XI CILITY AND HOMELAND SECURITY	VI 1
	Approaches to Facility Security 1. Conducting a Safety and Security Analysis	XI 1 XI A 1 XI A 1
B.	 Facility and Organizational Security Programs Evaluating and Preparing for Potential Terrorist Threats Defining Terrorism Ideological Motivations for Terrorism Evaluating Potential Targets Taking Basic Precautions Specific Counter-Terrorism Programs 	XI A 2 XI B 1 XI B 1 XI B 2 XI B 3 XI B 4 XI B 5
C.	 Regulatory Requirements Handlers of "Select Agents" of Potential Use in Bioterrorism Public Water Systems Entities Transporting Hazardous Materials Maritime Security Activities Required by the Coast Guard Chemical Facility Anti-Terrorism Standards 	XI C 1 XI C 1 XI C 2 XI C 4 XI C 7 XI C 8

USG 4/11 [©]STP Contents **vii**

INDICES

Index A Acronyms and Abbreviations

Plaintiff/Appellant; Defendant/Appellee
United States Code
Code of Federal Regulations Index B

Index C

Index D

Index E State Codes State Regulations Index F

Miscellaneous Authorities Index G

USG 4/11 [©]STP Contents viii