

TABLE OF CONTENTS

VOLUME I

Acknowledgements

Foreword and Introduction

How to Use the Manual

Glossary of Stormwater Terms	5
------------------------------------	---

Table of Contents

Tab 100 Who Must Get a Permit?

Executive Summary	¶110
Regulated Stormwater	¶120
Stormwater Discharges.....	¶121
The Point Source Criterion.....	¶122
Waters of the United States	¶123
Phase I Discharges	¶130
Medium and Large MS4s.....	¶131
Eleven Types of Industrial Activity.....	¶132
Discharges Already Subject to NPDES	
Regulations	¶132.1
Heavy Manufacturing Operations.....	¶132.2
Mining, Oil and Gas Operations.....	¶132.3
Hazardous Waste Treatment, Storage and	
Disposal Facilities	¶132.4
Industrial Waste Landfills and Open	
Dumpsites	¶132.5
Metal Scrapyards, Battery Reclaimers,	
Salvage Yards and Automobile Junkyards	¶132.6
Steam Electric Power Generators and Coal	
Handling Sites.....	¶132.7
Transportation Activity	¶132.8
Sewage, Sludge and Wastewater	
Treatment Works	¶132.9
Light Industrial Activity	¶132.10
Construction Activity.....	¶132.11
Other Phase I Discharges.....	¶133
Phase II Discharges.....	¶140
Regulated Small MS4s	¶141
Small Construction Activity	¶142
Government Facilities Subject to NPDES	
Requirements.....	¶150
Exemptions	¶160
No-Exposure Exemption	¶160.1
Waivers for Phase II (Small) MS4s.....	¶160.2
Waivers for Phase II Construction Activity.....	¶160.3
Otherwise Regulated Radioactive Materials	¶160.4
Exemptions for Vessels and Oil and Gas Operators	¶160.5
Exemptions for Some Agricultural Discharges	¶160.6
Exemptions for Nonpoint Source Silviculture	
(Forestry) Activities.....	¶160.7
EPA’S Regulatory Strategy	¶170
The Four-Tiered Approach	¶171
Current Developments.....	¶172

EPA’S Agenda for the Future.....	¶180
Reinventing the NPDES Program	¶180.1
Performance-based Reporting and Monitoring	¶180.2
No-Exposure Provisions.....	¶180.3
Endangered Species Certification.....	¶180.4
Phase II Toolbox	¶180.5
Green Infrastructure	¶180.6
Low Impact Development	¶180.7
NPDES Watershed Strategy	¶180.8
Effluent Trading Policy	¶180.9
Insights	¶190
What Can I Do to Avoid Needing a Permit?	¶191
EPA Answers to Questions About Who Is Subject to	
Permitting	¶192
Questions and Answers on EPA’s Interim Permitting	
Approach for Water Quality Based Effluent	
Limitations In Stormwater Permits.....	¶193

Tab 200 Kinds of Permits

Executive Summary	¶210
Two Permit Types.....	¶220
General Permits	¶221
Individual Permits	¶222
Industrial Categories Required to Obtain	
Individual Permits.....	¶223
Kinds of Permitting Authority	¶230
NPDES States with General Permitting Authority	¶231
NPDES States without General Permitting Authority	¶232
States without NPDES Delegated Authority	¶233
Other Kinds of Permitting Authority.....	¶234
Two Permit Application Methods.....	¶240
General Permit Applications: Notice of Intent	¶241
Individual Permit Applications.....	¶242
Group Applications and the Multi-Sector General	
Permit.....	¶243
Insights	¶290
EPA Answers to Commonly Asked Questions About	
the Multi-sector General Permit	¶291
EPA Answers to Frequently Asked Questions About	
the Construction General Permit	¶292
EPA Answers to Frequently Asked Questions	
About MS4s.....	¶293

Tab 300 Applying for a Construction Permit

Executive Summary	¶310
Who Must Get a Permit?	¶315
Individual Permit Applications.....	¶320
Forms and Data	¶321
Deadlines	¶322
State Requirements.....	¶323
Construction General Permit Applications	¶330
NOI Requirements.....	¶331
Deadlines	¶332
Standard Permit Conditions.....	¶333

Stormwater Pollution Prevention Plans (SWP3s)	¶334
Effluent Limitations Guidelines	¶335
Small Construction Sites	¶336
Termination of Coverage	¶337
State Requirements	¶338
Stormwater Management at Construction Sites	¶340
Site Evaluation and Design Development	¶341
Project Assessment	¶342
Control Selection and Plan Design	¶343
Certification and Notification	¶344
Construction and Implementation	¶345
Final Stabilization and Termination	¶346
Recommended BMPs for Small Construction Sites	¶347
Examples of Construction Forms	¶350
Form 1	¶351
Form 2F	¶352
Map Requirements for Forms 1 and 2F	¶353
Sample Forms	¶354
Insights	¶390
Insight: Municipal Program Implications for Construction Sites	¶391
Insight: EPA Answers Commonly Asked Questions About Sampling and Monitoring Requirements for Construction Sites	¶392

Tab 400 Municipal Separate Storm Sewer Systems

Executive Summary	¶410
MS4s Regulated by the NPDES Stormwater Program ..	¶420
Regulation of Large and Medium MS4s	¶430
Applying for a Permit	¶431
Stormwater Management Programs for Large and Medium MS4s	¶432
Identification of Illicit Connections and Improper Disposals	¶433
Discharges from Landfills and Hazardous Waste, SARA Title III and Certain Other Industrial Facilities	¶434
Evaluation of Stormwater Program	¶435
System-wide Permit Approach	¶436
Reapplication for MS4 Permits	¶437
Large and Medium MS4 Permit Status	¶438
Regulation of Small MS4s	¶440
Applying for a Permit	¶441
Stormwater Management Program for Small MS4s	¶442
Implementation Options	¶443
Evaluation of Stormwater Program	¶444
Phase II Action Deadlines for Small MS4s	¶445
Insights	¶490
Insight: EPA's Final MS4 Reapplication Policy	¶491
Insight: Municipal Program Implications for Industrial Facilities, Construction Sites and MS4s	¶492

Tab 500 Industrial Facilities

Executive Summary	¶510
Who Must Obtain a Permit?	¶511

Standard Permit Conditions	¶512
Baseline General Permit	¶513
Individual Permit Applications	¶520
Forms and Data	¶521
Deadlines	¶522
State Requirements	¶523
The Multi-Sector General Permit for Industrial Activities	¶530
Types of Discharges Covered by the MSGP	¶531
Special Conditions of the MSGP	¶532
Overview of Sector-Specific Permit Conditions	¶533
Stormwater Pollution Prevention Plan Requirements	¶534
Numeric Effluent Limitations	¶535
Monitoring and Reporting Requirements	¶536
Sector-Specific Monitoring Requirements	¶537
Retention of Records	¶538
Termination of Coverage	¶539
Form 2F	¶540
Representative Storm Events	¶541
Measurement of Stormwater Flows	¶542
Sampling of Stormwater Flows	¶543
Analysis of Stormwater Samples	¶544
Industrial Dischargers into MS4s	¶550
Permit Requirements for Industrial Dischargers	¶551
Dischargers Into Nonmunicipal Systems	¶552
Insights	¶590
Insight: Municipal Program Implications for Industrial Facilities	¶591
Insight: EPA Answers Commonly Asked Questions About Sampling and Monitoring Requirements	¶592
Interaction of SARA Section 313 and Stormwater General Permit Requirements	¶593

Tab 600 Stormwater Management and Control

Executive Summary	¶610
Stormwater Pollution Prevention Plans	¶620
Deadlines	¶621
Signatures and Certification	¶622
Submission of SWP3s	¶623
Best Management Practices	¶624
Pollution Prevention Team	¶625
Consistency With Other Plans	¶626
EPA Guidance on Preparing SWP3s	¶627
Identification of Stormwater Pollution Sources	¶630
Site Inspection and Description	¶631
Site Map	¶632
Summary of Potential Pollutant Sources	¶633
Identification of Spills and Leaks	¶634
Identification of Non-Stormwater Discharges	¶635
Stormwater Sampling Data	¶636
Additional Requirements Related to Endangered Species and Historic Places	¶637
Management of Potential Sources of Stormwater Pollution	¶640
Baseline BMPs	¶641
Advanced BMPs	¶642

Sector-specific BMPs Under the Multi-sector	
General Permit.....	¶643
Evaluation, Selection and Implementation of BMPs ...	¶644
Employee Training	¶645
Review of Compliance	¶650
Insights.....	¶690
Atmospheric Deposition and the CWA	
Anti-backsliding Provision.....	¶691

Tab 700 Other NPDES Program Permits

Executive Summary	¶710
Municipal Sources.....	¶720
Combined Sewer Overflows.....	¶721
Sanitary Sewer Overflows.....	¶722
The National Pretreatment Program.....	¶723
The Municipal Sewage Sludge Program	¶724
Industrial Sources	¶730
Concentrated Animal Feeding Operations	¶731
Non-process Wastewater Discharges.....	¶732
Pesticide General Permit	¶733
Watershed Permitting.....	¶740
EPA’s Water Quality Trading Policy.....	¶741
Insights.....	¶790

Tab 800 State Programs

Executive Summary	¶810
Directory of EPA Region and Program Contacts.....	¶815
Directory of State Contacts	¶820
State Stormwater Programs.....	¶890

Tab 900 Enforcement and Penalties

Executive Summary	¶910
Federal Enforcement Options.....	¶920
Administrative Orders	¶921
Civil Actions.....	¶922
Criminal Actions.....	¶923
State Enforcement Options	¶930
Citizen Suits and Other Individual Actions.....	¶940
EPA’s Voluntary Audit Policy	¶950

VOLUME 2

Appendix 1 Statutes and Regulations

Statutes	
Clean Water Act.....	Appendix 1(a)
Regulations	
EPA Stormwater Regulations at	
40 CFR 122 and 124.....	Appendix 1(b)

Permits

EPA Baseline General Permit for Stormwater	
Discharges From Industrial Activities	Appendix 1(c)
NPDES General Permit for Discharges	
From Construction Activities.....	Appendix 1(d)
EPA Multi-sector General Permit for	
Industrial Activities.....	Appendix 1(e)

Appendix 2 NPDES Forms

Form 1—General Information:	
Consolidated Permits Program.....	Appendix 2(a)
Form 2C—Wastewater Discharge Information:	
Consolidated Permits Program.....	Appendix 2(b)
Form 2D—New Sources and New Dischargers:	
Application for Permit to Discharge	
Process Wastewater	Appendix 2(c)
Form 2E—Facilities Which Do Not Discharge	
Process Wastewater	Appendix 2(d)
Form 2F—Application for Permit to Discharge	
Stormwater Associated with	
Industrial Activity	Appendix 2(e)
Notice of Intent (NOI) for Stormwater	
Discharges Associated with	
Industrial Activity	Appendix 2(f)
Notice of Termination (NOT) of Coverage for	
Stormwater Discharges Associated with	
Industrial Activity	Appendix 2(g)
NOI for Stormwater Discharges Associated	
with Construction Activity	Appendix 2(h)
NOT of Coverage for Stormwater Discharges	
Associated with Construction Activity	Appendix 2(i)
No-exposure Certification for Exclusion from	
NPDES Stormwater Permitting.....	Appendix 2(j)
Discharge Monitoring Report Form	Appendix 2(k)

Appendix 3 Resources

Resources for Stormwater Dischargers	Appendix 3(b)
Section 313 Water Priority Chemicals	Appendix 3(c)
EPA Pollution Prevention Worksheets.....	Appendix 3(d)
Model Stormwater Pollution Prevention Plan	Appendix 3(e)
Model Stormwater Pollution Prevention	
Plan for Construction Activities.....	Appendix 3(f)

Index

Index to the Stormwater Permit Manual
Newsletter Index

[The next page is Table of Contents, Page 11.]