

National Pollutant Discharge Elimination System - NPDES Program

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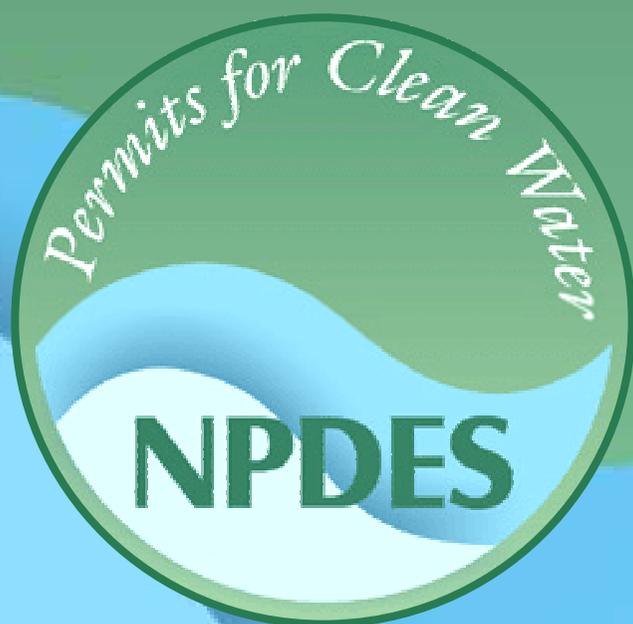


TABLE OF CONTENTS

ANIMAL FEEDING OPERATIONS PUBLICATIONS	1
COMBINED SEWER OVERFLOW PUBLICATIONS	4
GENERAL NPDES PERMIT ISSUES PUBLICATIONS	7
INDUSTRIAL PERMITTING PUBLICATIONS.....	28
MUNICIPAL PERMITTING PUBLICATIONS	40
PRETREATMENT PUBLICATIONS	55
SANITARY SEWER OVERFLOWS PUBLICATIONS	65
STORMWATER PUBLICATIONS	68

To find any publication listed in this document, simply go to www.epa.gov/npdes and click on "Publications" and enter a few key words from the title of the document. You may also view publications by date, type or within specific program areas. For instance, if you want to view storm water publications, simply click on "Storm Water" first, then click on "Publications."

Animal Feeding Operations Publications

1999 Draft Guidance Manual and Example NPDES Permit for CAFOs

Among the key actions of the USDA-EPA Unified AFO Strategy. Intended to provide clear and concise guidance for EPA and authorized state NPDES permit writers on permitting CAFOs.
Date Published: 8/1/1999

2000 Guidance Manual and Sample NPDES Permit for CAFOs

Provides information to federal and state National Pollutant Discharge Elimination System (NPDES) permit writers on permitting requirements for concentrated animal feeding operations (CAFOs) under the current Federal regulations. The guidance replaces the Guide Manual on NPDES Regulations for Concentrated Animal Feeding Operations issued in 1995 and reflects changes that have taken place in the livestock industry.
Date Published: 9/21/2000

Applicability of the NPDES Program to Discharges of Storm Water Associated with Construction Activity at, or Construction of, Livestock Feeding Facilities

Memorandum clarifying the interpretation of the NPDES regulations as they apply to discharges of storm water associated with construction activity, construction of, livestock feeding facilities involving animal feeding operations, concentrated animal feeding operations, and feedlots.
Date Published: 2/5/1998

CAFO Notice of Data Availability Fact Sheet

Fact sheet summarizes the purpose and content of the Notice of Data Availability (NODA) concerning proposed National Pollutant Discharge Elimination System Permit regulation and effluent limitations guidelines and standards for Concentrated Animal Feeding Operations (CAFOs). (EPA-821-F-01-015)
Date Published: 11/1/2001

CAFOs Proposed Regulation, Public Meetings

EPA Presentation on the Proposed CAFO Regulations
Date Published: 3/1/2001

CAFOs Regulation Update as of August 13, 2001

This document is a status update of the proposed revisions to the NPDES Regulations and Effluent Guidelines for CAFOs, as of 8/13/01.
Date Published: 8/13/2001

CAFOs Regulation Update as of August 28, 2001

This document is a status update of the proposed revisions to the NPDES Regulations and Effluent Guidelines for CAFOs, as of 8/28/01. This status document includes a schedule of events through January 2003.
Date Published: 8/28/2001

Comments on Region VIII's Approach to Writing Effluent Limits for Confined Animal Feeding Operations

Guidance to Region VIII on its strategy for issuing permits to CAFOs. Guidance refers the Region to the statutory requirements to implement both BAT and BPT.
Date Published: 12/15/1976

Compliance Assurance Implementation Plan For Concentrated Animal Feeding Operations

Plan addresses compliance/enforcement efforts to ensure compliance by point sources called concentrated animal feeding operations (CAFOs).
Date Published: 3/1/1998

Draft Report: Alternative Technologies/Uses for Manure

This document is a compilation of alternative uses for manure from animal feeding operations (AFOs). This document serves as a reference concerning the use of alternative technologies to address situations where the overapplication of manure to croplands can cause excess nutrients to enter surface waters and ground water through runoff and other hydrologic processes. These excess nutrients can cause numerous water quality impacts. Utilization of these technologies may assist operators in meeting National Pollutant Discharge Elimination System (NPDES) permit requirements.
Date Published: 3/1/2001

Draft: Financial Assistance Summaries for AFOs

A compilation of information summary documents that identify financial funding sources for animal feeding operations (AFOs). These summaries describe the financial assistance programs which provide funding sources through grants and loans for AFOs. This document serves as a reference for how AFOs can obtain funding to address a variety of issues facing livestock operations.
Date Published: 4/30/2002

Enforcement Issues at Concentrated Animal Feeding Operations

Memorandum assuring that any enforcement action taken pursuant to the Agency's strategy are consistent with respect to applying existing regulations governing CAFO's, which have been in effect for over 20 years, and which generally cover the largest animal feeding operations.

Date Published: 7/21/1998

Estrategia Nacional Unificada para Operaciones de Alimentacion Animal

The USDA-EPA Unified National Strategy for AFOs in Spanish

Date Published: 3/9/1999

Factsheet Describing the CAFO Proposed Rule

Factsheet describing the CAFO proposed Preamble and Rule signed December 15, 2000.

Date Published: 12/1/2000

Feedlot Permit Format

Information and guidance on the standard permit format for feedlot. The conditions developed reflect the Agency's stated position as contained in the promulgated guideline.

Date Published: 7/29/1974

Form 1 General Information - Consolidated Permits Program

General Information (must be submitted by all facilities applying for an individual NPDES permit, with the exception of MS4s)

Date Published: 8/1/1990

Frequently Asked Questions About the Proposed Revisions to CAFO Regulations

The purpose of these frequently asked questions (FAQs) is to quickly provide answers on specific questions about the CAFO Proposed Rule. These FAQs identify, in the form of questions, the major issues discussed in the proposal and numerous issues raised during a series of EPA-sponsored public outreach meetings, and provide brief answers for each question.

Date Published: 6/27/2001

Guide Manual On NPDES Regulations For Concentrated Animal Feeding Operations

Understand the applicability of the NPDES regulations for CAFOs (EPA 833-B-95-001), intended for permitting authorities.

Date Published: 12/1/1995

Interpretive Statement and Regional Guidance on the Clean Water Act's Exemption for Return Flows from Irrigated Agriculture

In *Headwaters, Inc. vs. Talent Irrigation District*, the U.S. Court of Appeals for the Ninth Circuit held that an applicator of aquatic herbicides was required to obtain a NPDES permit under the Clean Water Act.

Date Published: 3/29/2002

Memorandum: Clarifying Responsibility of Integrators and their Contract Growers

Memo signed on March 23, 1999 by J. Charles Fox, Assistant Administrator of the Office of Water to The Honorable Jane Nishida, Secretary of Maryland Department of Environment, clarifying responsibility of integrators and their contract growers.

Date Published: 3/23/1999

NPDES Discharge Monitoring Report (DMR) Form

Form used by NPDES storm water permittees to submit analytical monitoring results to the appropriate NPDES permitting authority.

Date Published: Unknown

NPDES Form 2B Application

Application for permit to discharge wastewater - concentrated animal feeding operations and aquatic animal production facilities

Date Published: 8/31/1998

NPDES Regulations Governing Management of Concentrated Horse, Slaughter and Feeder Cattle, Swine, Sheep, Poultry, Dairy Cattle, and Animal Feeding Operations, and their Effect on Water Pollution

Fact sheets on NPDES regulations governing concentrated animal feeding operations and the affect of feeding operations on water quality.

Date Published: Unknown

Policy Statement on Scope of Discharge Authorization and Shield Associated with NPDES Permits

EPA's position on the scope of the authorization to discharge under an NPDES permit and the shield thus associated with the permit authorization.

Date Published: 7/1/1994

Proposed CAFO Preamble and Rule

Administrator Browner signed the proposed revisions for the National Pollutant Discharge Elimination System Permit (NPDES) Regulations and the Effluent Guidelines and Standards for Concentrated Animal Feeding Operations (CAFOs).

Date Published: 12/15/2000

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.

Date Published: 6/1/2001

Public Commenter's Guide to the Proposed New CAFO Regulations

The purpose of this Guide is to assist people who want to submit public comments on the proposed CAFO regulations. It identifies the major issues discussed in the proposal and summarizes how EPA has proposed to treat each issue in the revised regulations. It also cross-references the proposed language of the regulations and the pages of the preamble that contain the primary discussion of each issue.

Date Published: 5/31/2001

Public Meetings on the Concentrated Animal Feeding Operation Proposed Regulations

EPA is organizing a series of public meetings around the country on the the Concentrated Animal Feed Operations (CAFO) proposed regulations.

Date Published: 2/8/2001

Strategy for Addressing Environmental and Public Health Impacts from Animal Feeding Operations - Draft

The purpose of this draft AFO Strategy is to provide a blueprint for a significant expansion of EPA's regulatory and voluntary efforts related to AFOs. The Agency's goal in this effort is to minimize environmental and public health impacts from AFOs. It is important to note that the Strategy emphasizes water quality because current data indicate that water is the natural resource most adversely affected by AFOs. EPA will continue to investigate the effects of AFOs on other media (e.g., air and soil quality), however.

Date Published: 3/1/1998

The Report of the EPA/State Feedlot Workgroup

Livestock feeding facilities have been identified as a significant source of water quality impairment. This document is intended as a resource to enhance the understanding of feedlot-related issues and will provide information to Regions/states as they develop feedlot strategies.

Date Published: 9/1/1993

The State Compendium: Programs and Regulatory Activities Related to AFOs

A compilation of AFO-related state program and state initiative information intended to illustrate how states are regulating AFOs, with a specific focus on the use of permits or similar mechanisms.

Date Published: 5/1/2002

Unified National Strategy for Animal Feeding Operations

Sets forth a framework of actions for USDA and EPA under existing legal and regulatory authority to reduce impacts to water quality and public health from improperly managed animal wastes.

Date Published: 3/9/1999

Combined Sewer Overflow Publications

Charter for the Wet Weather Flows Federal Advisory Committee

This charter established an Advisory Committee to address issues associated with water quality impacts from urban wet weather flows and other storm water discharges under Section 402(p)(6) of the Clean Water Act, in accordance with the Federal Advisory Committee Act. Filed with Congress on May 17, 1995.
Date Published: 5/17/1995

Combined Sewer Overflow (CSO) Control Policy

National policy establishes a consistent national approach for controlling discharges from CSOs to the nation's waters through the National Pollutant Discharge Elimination System (NPDES) permit program.
Date Published: 4/19/1994

Combined Sewer Overflow Management Fact Sheet: Pollution Prevention

(EPA 832-F-99-038)
Date Published: 9/1/1999

Combined Sewer Overflow Management Fact Sheet: Sewer Separation

(EPA 832-F-99-041)
Date Published: 9/1/1999

Combined Sewer Overflow O&M Fact Sheet: Proper Operation and Maintenance

EPA 832-F-99-039
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Alternative Disinfectants for Treating CSOs

EPA 832-F-99-033
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Chlorine Disinfection

EPA 832-F-99-034
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Floatables Control

EPA 832-F99-008
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Inflow Reduction

EPA 832-F-99-035. Combined Sewer Overflow Technology Fact Sheet. Describes inflow reduction, a practice designed to minimize the volume of storm water runoff that enters a combined sewer system (CSS).
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Maximization of In-line Storage

EPA 832-F-99-036
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Netting Systems for Floatables Control

EPA 832-F-99-037. Combined Sewer Overflow Technology Fact Sheet. Describes netting systems for controlling discharges of floatable materials from combined sewer overflows (CSOs). Control of floatable material is an important component of EPA's CSO Control Policy.
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Retention Basins

EPA 832-F-99-042
Date Published: 9/1/1999

Combined Sewer Overflow Technology Fact Sheet: Screens

EPA 832-F-99-040
Date Published: 9/1/1999

Combined Sewer Overflows - Questions and Answers on Water Quality Standards and the CSO Program (Draft)

Draft guidance in question-and-answer format describing how WQS will be translated into CSO requirements in NPDES permits under the 1994 CSO Control. Draft document; has not been finalized.
Date Published: 3/1/1995

Combined Sewer Overflows Guidance For Funding Options

Plain-English description of a broad spectrum of options that may be available to fund the capital, debt service, and operational costs of CSO controls. Describes the benefits and limitations of various options (EPA 832-B-95-007).
Date Published: 8/1/1995

Combined Sewer Overflows Guidance For Long-Term Control Plan

Describes how municipalities can develop comprehensive long-term control plans that recognize the site-specific nature of CSOs and their impacts on receiving water bodies. The document describes how to develop a long-term control plan that includes technology-based and water quality-based control measures that are technically feasible, affordable, and consistent with the CSO Control Policy (EPA 832-B-95-002).

Date Published: 9/1/1995

Combined Sewer Overflows Guidance For Permit Writers

Intended primarily for NPDES permitting authorities and permit writers, describes how to develop and issue NPDES permits with CSO conditions that reflect the CSO Policy. It provides example permit language and stresses the need for coordination between permittees, permit writers, water quality standards authorities, enforcement authorities, and the public (EPA 832-B-95-008).

Date Published: 8/1/1995

Combined Sewer Overflows Guidance for Financial Capability and Schedule Development (Final)

Discusses how community's financial capability and other factors identified in the CSO Policy may be used to negotiate reasonable compliance schedules for implementation of CSO controls. It presents a two-phase process for assessing financial capability, based on EPA's experience in the Construction Grants, State Revolving Fund, enforcement, and water quality standards programs. It stresses the need for flexibility and evaluation of site-specific factors in the development of implementation schedules for CSO controls (EPA 832-B-97-004).

Date Published: 2/1/1997

Combined Sewer Overflows Guidance for Nine Minimum Control Measures

Provides information on nine minimum technology-based controls that communities are expected to use to address CSO problems, without extensive engineering studies or significant construction costs, before long-term measures are taken. Communities are expected to implement the nine minimum controls and submit documentation no later than January 1, 1997 (EPA 832-B-95-003).

Date Published: 5/1/1995

Combined Sewer Overflows Screening and Ranking Guidance

An informal tool to help permitting authorities establish CSO permitting priorities. It may also help permittees rank their CSOs in order to best allocate their limited resources (EPA 832-B-95-004)

Date Published: 8/1/1995

Combined Sewer Overflows: Where are we four years after adoption of the CSO Policy?

On May 18, 1998, Bob Perciasepe (AA-Water) released a progress report on implementation of the CSO Policy. Date Published: 5/18/1998

Factsheet: Guidance on Coordinating Combined Sewer Overflow (CSO) Long-Term Planning with Water Quality Standards Reviews

Addresses impediments to implementing the water quality-based provisions in the CSO Policy, and actions that State and Interstate Water Pollution Control Directors and CSO communities should take to overcome these impediments. This guidance describes a process for integrating LTCP development and implementation with the water quality standards review. This process is the essence of EPA's commitment to facilitating the review and revision, as appropriate, of water quality standards for waters affected by CSOs. Date Published: 7/31/2001

Guidance: Coordinating Combined Sewer Overflow (CSO) Long-Term Planning with Water Quality Standards Reviews

Addresses impediments to implementing the water quality-based provisions in the CSO Policy, and actions that State and Interstate Water Pollution Control Directors and CSO communities should take to overcome these impediments. This guidance describes a process for integrating LTCP development and implementation with the water quality standards review. This process is the essence of EPA's commitment to facilitating the review and revision, as appropriate, of water quality standards for waters affected by CSOs (EPA-833-R-01-002).

Date Published: 7/31/2001

List of communities with combined sewer systems which are subject to EPA's CSO Control Policy.

List of communities with combined sewer systems represents the Agency's best data based on numerous sources of information. The list contains the permit number, permittee name, city, and number of CSO outfalls.

Date Published: 5/1/1998

Memorandum: Implementation of the CSO Policy

On May 19, 1998, Bob Perciasepe (AA-Water) and Steve Herman (AA-Enforcement and Compliance Assurance) issued a joint memorandum to EPA Regional directors and state directors on implementation of the CSO Policy, and recommending stepped-up efforts in certain areas.

Date Published: 5/19/1998

Memorandum: January 1, 1997 Deadline for Nine Minimum Controls in Combined Sewer Overflow Control Policy

Memorandum to state and Regional Directors emphasizing need for CSO communities to meet deadline for implementation of the nine minimum controls identified in the 1994 CSO Control Policy.
Date Published: 11/18/1996

Memorandum: Water Quality-Based and Technology-Based CSO Requirements

This memorandum clarifies some questions that have arisen concerning the application of the water quality-based and technology-based requirements of the Clean Water Act to CSOs, particularly where enforcement cases are pending or imminent.
Date Published: 7/7/1999

National Combined Sewer Overflow Control Strategy

Combined sewer overflow strategy.
Date Published: 8/10/1989

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.
Date Published: 6/1/2001

Report to Congress on Implementation and Enforcement of the CSO Control Policy

Identifies progress made in implementing and enforcing CSO controls prior to, and as a result of, the 1994 CSO Control Policy. All 32 states (including the District of Columbia) with combined sewer systems have developed CSO strategies, and most have adopted the key provisions of the CSO Control Policy. In spite of the progress that has been made, however, CSOs still present a potentially serious environmental and public health threat in some areas. This report outlines EPA's future plans for reducing these threats. This report was delivered to Congress on Tuesday, January 29, 2002. (EPA 833-R-01-003).
Date Published: 12/1/2001

Summary of The Listening Sessions: Observations & Recommendations for Guidance and Technical Assistance to Facilitate Water Quality And Designated Use Reviews for Waters Impacted by Combined Sewer Overflows

The Agency held listening sessions in Philadelphia, PA (April 21, 1999), Lowell, MA (May 5-6, 1999), and Chicago, IL (May 13-14, 1999), as well as conducted numerous conference calls to obtain perspectives from a broad range of knowledgeable individuals. The focus of the meetings and conference calls was to obtain participants' views on the impediments to implementing the water quality-based provisions of the CSO Control Policy, and actions that the Agency should take to overcome any identified impediments (EPA-823-R-99-017).
Date Published: 12/1/1999

Wet Weather Water Quality Act of 2000

Charges the Agency with new responsibilities under the CSO program
Date Published: 12/15/2000

General NPDES Permit Issues Publications

Additional Guidance for Petroleum Marketing Terminals and Oil Production Facilities
Information and guidance for establishing monitoring for petroleum marketing terminals. Explains that oil and grease monitoring for petroleum marketing terminals and oil production facilities cannot use instantaneous maximum limits but must rather use daily maximum limits.

Date Published: 7/18/1974

Additional Questions on Enforcement Compliance Schedule Letters

Response to transmitting "Additional Suggested Questions on Enforcement Compliance Schedule Letters." Further clarification on the use of enforcement compliance schedule letters.

Date Published: 4/1/1977

Administration of FY 1999 Appropriation for Wastewater Treatment Projects for Indian Tribes and Alaska Native Villages

Advises directors of tribal projects identified to receive funding through the agency's 1999 Appropriations Bill for the Clean Water Act Indian Set-Aside Grant Program.

Date Published: 5/26/1999

Alternative in Permit Language

Provides permit language for the definitions of the daily maximum and daily average permit limits.

Date Published: 12/27/1973

Ambient Water Quality Criteria for Aluminum - 1988

Revised criteria for water quality covering aluminum and the effects of aluminum found in a body of water.

Date Published: 8/1/1988

Ambient Water Quality Criteria for Lead - 1984

Revision of proposed water quality criteria and covers lead and the effects of lead found in a body of water.

Date Published: 1/2/1985

American Petroleum Institute vs. EPA - Effluent Guidelines for Petroleum Refining: Information Management

Information on the refining and the petroleum industry and limitations. Memorandum summarizing a court decision upholding EPA's statistical methodology for effluent guidelines and method of assessing cost of regulations. There is a reference to storm water which has become moot with the 1987 Water Quality Act.

Date Published: 8/23/1976

Appendix A: Study Plan for Determining Interlaboratory Variability of the EPA Short-Term Chronic and Acute Whole Effluent Toxicity Test Methods, October 9, 1998

The study plan outlines the procedures for selecting laboratories, sample preparation and handling, and conducting each test method. Peer review will ensure that the study plan employs credible and appropriate science to evaluate each WET test method. The formal charge to the Peer Review Panel is to objectively review whether the study design (Appendix A) effectively assesses method precision, test completion rate, and the rate at which the tests indicate "toxicity" when measuring non-toxic samples.

Date Published: 10/9/1998

Applicability of Categorical Pretreatment Standards to Industrial Users of Non-Discharging POTWs

Guidance clarifying that industrial users discharging to POTWs that do not discharge are still subject to national categorical pretreatment standards.

Date Published: 6/27/1985

Applicability of General Permits to New Sources

Procedures to be followed if a general permit is to cover new sources. General permits can include new sources, but only after NEPA requirements are fulfilled.

Date Published: 12/21/1982

Applicability of Revised NPDES Regulations to Permits Currently Being Processed

States when new NPDES regulations must be used for permits being developed. The memorandum allows use of existing regulations when the regulations become effective after the public notice of a permit.

Date Published: 1/18/1980

Applicability of Section 301(h) and (i) Modifications to Federal Facilities

Legal opinions on the status of federal facilities under the Clean Water Act.

Date Published: 9/12/1978

Application Requirements for Modification Under Sections 301(c) and 301(g) of the Clean Water Act

EPA Regions may need to extend the date for submitting variance requests because there may not be sufficient time during the permit comment period to collect and submit this information.

Date Published: 12/29/1982

Application of Electroplating Guidelines to NPDES Permits

Guidance on the application of effluent guidelines for electroplating. [Note: Guidance made obsolete by revision of effluent guidelines on January 28, 1981.]
Date Published: 8/28/1974

Asbestos Limits in NPDES Permits

Suggested approach for including permit limits for asbestos.
Date Published: 10/15/1976

Authorization of Partial State Sewage Sludge Programs

Memorandum stating that states can request authorization for parts of the sludge permit program.
Date Published: 7/28/1994

Availability of State and Regional Toxics Control Strategies

Index of state and regional toxics control strategies.
Date Published: 2/22/1988

Award of Grants for Special Projects Authorized by this Agency's FY 1999 Appropriations Act

Information and guidance on how the Agency will award and administer grants for identified special projects.
Date Published: 1/29/1999

BCT Cost Test Guidance

Guidance manual for conducting BCT cost evaluations when establishing permit limits based on best professional judgement.
Date Published: 9/30/1980

Backlog Status Report

The backlog status report provides:

1. The actual backlog calculated for a determination whether the state/Territory is on track to meet the 2001 goal, January, 2000.
2. The backlog goal for the month evaluated
3. The actual backlog for the month evaluated
4. The permit deficit which is the cumulative number of permits the state/Territory should have issued (between January, 2000 and the month evaluated) to be on track to meet the 2001 goal.

Date Published: 1/1/2002

Backlog Status Report for Majors - March 2000

Date Published: 4/1/2000

Binding Effects of 303(e) Basin Plans

Questions and answers of the applicability of section 303(e) water quality management plans on NPDES permits.

Date Published: 8/24/1976

CERCLA Reporting Requirements for Releases of Ethylene Glycol from Airplane De-icing Operations

Expresses EPA's position on the applicability of the federally permitted release exemption and the continuous release reporting regulation to releases of ethylene glycol from airplane de-icing operations.
Date Published: 2/4/1992

Calculation of Production-Based Effluent Limits

Clarification on the procedure for calculating production-based effluent limitations and to provide guidance on the use of alternate limitations.
Date Published: 12/18/1984

Central Tenets of the National Pollutant Discharge Elimination System (NPDES) Permitting Program

Intended to provide States with a summary of core permitting principles that are expressed by the current regulations and are non-negotiable.
Date Published: 8/16/2002

Certification and Permitting of Dischargers Located on Water Forming Boundaries between States

Information on permitting and dischargers on water boundaries between states. Legal memorandum stating that the state in which the discharge is located is the state authorized to make a 401 certification.
Date Published: 4/19/1978

Charge to Reviewers: Interlaboratory Study of Whole Effluent Toxicity Test Methods, October 9, 1998

As required by the settlement agreement EPA is seeking peer review of the document titled, Appendix A: Study Plan for Determining Interlaboratory Variability of the EPA Short-Term Chronic and Acute Whole Effluent Toxicity Test Methods, October 9, 1998 (PDF, 150K).
Date Published: 10/9/1998

Clarification of "Instantaneous Maximum" as Applied to Steam Electric Facilities Effluent Limitations

Memorandum providing interpretation that the steam electric effluent guideline for chlorine is intended to be an instantaneous maximum limit and not a daily maximum limit.

Date Published: 7/27/1992

Clarification of OGC Opinion No. 40 (State Review Authority)

Legal memorandum clarifying that states have the same authority as EPA Regions in considering the economic impact of technology based effluent limits, when establishing these limits using best professional judgement.

Date Published: 2/4/1977

Clarification of Sampling Procedures for the VOA Fraction

The Permits Division has received several inquiries about sampling procedures when data on volatile organic (VOA) toxic pollutants are required.
Date Published: 7/31/1985

Clarifications Regarding Certain Aspects of EPA's Surface Water Toxics Control Regulations

Clarifications of EPA regulations relating to s.304(1) and water quality-based effluent limitations.
Date Published: 8/14/1992

Clarifications Regarding Flexibility in 40 CFR Part 136 Whole Effluent Toxicity (WET) Test Methods

The purpose of this memorandum is to provide clarifications regarding the flexibility in the regulations promulgated at 60 Fed. Reg. 53529 (Oct. 16, 1995), which establish analytical test methods for the determination of whole effluent toxicity (WET).
Date Published: 4/10/1996

Clarifications Regarding Toxicity Reduction and Identification Evaluations in the National Pollutant Discharge Elimination System Program

EPA document developed by the Office of Wastewater Management/Water Permits Division to provide additional clarification on conducting toxicity reduction evaluations and toxicity identification evaluations with respect to whole effluent toxicity (WET) testing. The document clarifies for National Pollutant Discharge Elimination System (NPDES) permit writers and permittees a number of common issues such as: when and under what circumstances a permittee should conduct a TRE and/or a TIE; technical limitations on the TIE process; consideration of persistence and magnitude of toxicity events; ionic imbalances of effluents; the applicability of compliance schedules; and inconclusive TREs/TIEs. The document supplements existing EPA guidance and policies on WET and TREs/TIEs but does not change current policy or legal authority.
Date Published: 3/27/2001

Clarifications Regarding Whole Effluent Toxicity Test Methods Recently Published at 40 CFR Part 136 and Guidance on Implementation of Whole Effluent Toxicity in Permits

Memorandum which supplements the memorandum of April 10, 1996 on "Clarifications Regarding Flexibility in 40 CFR Part 136 WET Test Methods" as well as EPA guidance provided in the Technical Support Document for Water Quality-Based Toxics Control, (March 1991, EPA/505/2-90-001) as well as the WET control Policy (July 1994 EPA/833-94-002).
Date Published: 7/21/1997

Combined Sewer Overflow Technology Fact Sheet: Chlorine Disinfection

EPA 832-F-99-034
Date Published: 9/1/1999

Combined Sewer Overflows Guidance For Monitoring and Modeling

Provides guidelines for the use of monitoring and modeling in the development and implementation of a CSO control program. The document provides information on characterizing a combined sewer system, assessing the impact of wet weather on CSO discharges, and assessing the impact of CSOs on receiving water bodies. It focuses on the characterization process described in the CSO Policy and refers to other literature for more in-depth explanations of specific techniques (EPA 832-B-99-002).
Date Published: 1/1/1999

Confidentiality of NPDES Permit Application

Legal decision that NPDES permits and permit applications are public documents and not subject to confidential business information requirements.
Date Published: 4/6/1978

Consolidated Permit Regulations

Suspension of a portion of the definition of the term "waters of the United States" in the Consolidated Permit Regulations pending further rulemaking. 40 CFR Part 122
Date Published: 7/16/1980

Continuance of NPDES General Permits Under the APA, 1984 (Administrative Procedure Act)

General permits can be administratively extended under the Administrative Procedures Act, but expressing that this is not EPA's preferred mode of action.
Date Published: 1/16/1984

Coordination Between NPDES Program and Water Quality Management Planning Program

Policy describing the coordination between the water quality management and NPDES permits programs.
Date Published: 7/7/1976

Coordination Between the NPDES permit program and Water Quality Planning and Management Under Section 208 and 303

Information on the relationship between the NPDES Permit program and the Water Quality Management Plan.
Date Published: 4/2/1976

Criteria for Reviewing Leather Tanning Sulfide Waiver Applications

Memorandum transmitting criteria for reviewing sulfide waiver applicants from leather tanners, consistent with the national pretreatment categorical standards.
Date Published: 1/13/1983

De Minimis Discharges Study: Report to Congress

Determines point source discharges into navigable waters that are not significant and to determine effective and appropriate methods of regulating such discharges.
Date Published: 11/1/1991

Declaration of Gary W. Hudiburgh, Jr. In the Matter of Star-Kist Caribe, Inc. Petitioner NPDES Permit No. PR 0022012

Information obtained for the Status Report requested by Judge McCallum, and the process used to obtain such information.
Date Published: 4/3/1992

Delegation (to the regions) of Updates to Major/Minor Lists

Memorandum which establishes the delegation of determinations of major/minor status for both municipal and non-municipal NPDES dischargers to the Regions
Date Published: 2/6/1995

Detection Limits for Total Residual Chlorine

Letter discussing EPA's determination that chlorine may be reliably measured below 0.1 mg/l in municipal effluents; whether pretreatment program regulations require municipalities to investigate sources of test interference and eliminate matrix interference
Date Published: 3/21/1994

Determining Compliance Dates for Individual Control Strategies Issued Pursuant to Clean Water Act Section 304(l)

Provides guidance on when compliance with Individual Control Strategies is required.
Date Published: 3/28/1991

Determining Whether Revisions to State NPDES Programs Made To Authorize The Issuance Of General Permits Are Substantial

Revisions to state NPDES programs.
Date Published: 2/21/1981

Development of Sediment Criteria

EPA's authority to develop sediment criteria.
Date Published: 10/25/1984

Development of State NPDES General Permit Programs

Key information for state NPDES programs.
Date Published: 6/13/1989

Discharge Monitoring Report (DMR) Form Instructions

Discharge Monitoring Report (DMR) Form Instructions
Date Published: Unknown

Draft EPA "Clarifications Regarding Toxicity Reduction Evaluations and Toxicity Identification Evaluations in the National Pollutant Discharge Elimination System (NPDES) Regulatory Process"

This document is being developed by an EPA work group to describe when and under what circumstances toxicity identification and reduction evaluations should be triggered. This draft document will address stakeholder requests for EPA clarification on TIEs/TREs as to "when, why, and how" TIE/TREs should be required and under what conditions a TIE and/or a TRE is appropriate to conduct. For additional information please contact Laura Phillips at phillips.laura@epa.gov
Date Published: Unknown

Draft Guidance for Application and Review of Section 301(c) Variance Requests

Guidance document to assist applicants in completing requests for 301(c) variances and assists EPA Regions and states in reviewing the requests.
Date Published: 8/21/1984

Draft Interim Guidance on Implementation of Section 402(o) Antidegradation Rules for Water Quality-Based Permits

Interim guidance on interpreting Clean Water Act section 402(o) for water quality based effluent limits, and clarifying that the January 4, 1989, regulation interprets the Act for technology based effluent limits.
Date Published: 9/29/1989

Draft Notification Letter to Petroleum Refineries

Draft letter that EPA may notify selected refineries and request that the refineries provide certain existing and new information on their facilities and the occurrence of chlorinated dibenzo-p-dioxins and chlorinated dibenzofurans (CDDs and CDFs).
Date Published: Unknown

EPA Authority to Issue NPDES General Permits in Approved NPDES States

Memorandum explaining that EPA has no authority to issue general permits in authorized states, where the state has yet to receive authority to issue general permits.
Date Published: 7/11/1983

EPA Guidance on Application of State Mixing Zone Policies in EPA-Issued NPDES Permits

The purpose of this memorandum is to transmit the Office of Water's Guidance on Application of State Mixing Zone Policies in EPA-Issued NPDES Permits.
Date Published: 8/6/1996

EPA Office of Water NPDES Program Primer

An overview of EPA's Office of Water NPDES permitting and enforcement programs (Chapter 3. The National Pollutant Discharge Elimination System - NPDES).
Date Published: Unknown

EPA Procedures for Review and Approval of State Pretreatment Program Submissions

Memo regarding EPA approval of state pretreatment program plans.
Date Published: 4/30/1979

EPA Region 1 Non-Contact Cooling Water General Permit

Date Published: 4/28/1994

EPA Whole Effluent Toxicity (WET) Control Policy

Policy for the development of effluent limitations in NPDES permits to control whole effluent toxicity for the protection of aquatic life (EPA 833-B-94-002)
Date Published: 7/1/1994

EPA's Authority to Issue NPDES General Permits in Approved NPDES States

EPA has authority over federal facilities even if a state has been approved to administer the NPDES program.
Date Published: 7/11/1983

Effect of State Audit Immunity/Privilege Laws on Enforcement Authority for Federal Programs

Memorandum regarding the question of when enforcement and information gathering authority may be considered adequate for the purpose of approving or delegating programs in states with audit privilege or immunity laws.

Date Published: 2/14/1997

Effluent Guidelines For the OCPSF Industrial Category

Interim guidance to permit authorities on the application of the new effluent guidelines for organic chemical and plastics and synthetics fibers (OCPSF) to NPDES permits.

Date Published: 2/8/1988

Effluent Trading in Watersheds

Policy statement communicating EPA policy on effluent trading.

Date Published: 1/1/1996

Effluent and Ambient Toxicity Testing and Instream Community Response on the Ottawa River, Lima, Ohio

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system
Date Published: 8/1/1984

Eligibility for Variances under Section 301(i)(1) of the CWA

Legal opinion on issues related to the eligibility of publicly owned treatment works for compliance extensions under Section 301(i)(1) of the Clean Water Act.

Date Published: 4/11/1984

Enforcement Actions Against a Municipal Discharger who Fails to Meet the July 1, 1977 Statutory Deadline for Achieving Secondary Treatment

Describes how EPA will enforce the July 1, 1977 deadline for compliance with secondary treatment.

Date Published: 6/3/1976

Enforcement Actions Where an Industrial Discharger fails to meet the July 1, 1977, Statutory Deadline for Achieving Best Practicable Control Technology or Other Applicable Effluent Limitations

Describes how EPA will enforce the July 1, 1977 deadline for compliance with best practicable control technology and other statutory requirements.

Date Published: 6/3/1976

Enforcement Policy and the Use of Enforcement Compliance Schedule Letters (ECSLs) for Publicly Owned Treatment Works (POTWs)

Information on the EPA municipal dischargers. Clarifies that enforcement compliance schedule letters are only applicable to certain POTWs.

Date Published: 6/22/1977

Enforcement Position on Facilities Affected by Midwest Floods

OWEC position paper discussing the Agency's position with regards to enforcement against facilities in the Midwest which have flood related NPDES violations.

Date Published: 8/13/1993

Environmental Management Systems

This Guide is intended to support and facilitate the development of environmental management systems (EMS) among small and medium-sized organizations. The Guide explains how you can develop and implement an effective EMS and how it can support your organization's mission and goals. Development of an EMS is a voluntary approach to improving your organization's environmental performance.

The final report on NSF International's EMS Demonstration Project summarizes the EMS implementation experiences of 18 organizations of a variety of types and sizes. The project, which used the ISO 14001 Standard as the model for an EMS, was funded through a two-year grant from EPA's Office of Wastewater Management (October 1994 - September 1996).

Date Published: 11/1/1996

Errata for the Effluent and Receiving Water Toxicity Testing Manuals

Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms; Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters. EPA-600/R-98/182

Date Published: 1/1/1999

Establishment of RCRA "Program Implementation Guidance System (PIGS)"

Establishment of a system to provide directives regarding program implementation.

Date Published: 10/3/1980

Ex Parte Contacts in Adjudicatory Hearings

Limits contact among EPA employees involved in preparing and issuing NPDES decisions, and persons outside EPA.

Date Published: 6/16/1978

Ex Parte Contacts in EPA Rulemaking

Memorandum which sets forth the guidelines that all EPA employees should follow in discussing the merits of proposed rules with interested persons outside the Agency during the period between proposal and promulgation.

Date Published: 8/4/1977

Example Language for Modifying NPDES Permits for Pretreatment Approval

Guidance to permit authorities on what language to include in NPDES permits to require a POTW to administer a pretreatment program.

Date Published: 9/22/1983

Explanation of Procedural/Funding Requirements for State Pretreatment Programs: Document C

POTW pretreatment programs.

Date Published: 11/29/1978

Factsheet on NPDES Permit Backlog Reduction

Provides an overview of the NPDES permit backlog reduction initiative.

Date Published: 1/1/2002

Fecal Coliform Bacteria Limits

This guidance is intended to simplify the procedure for assigning effluent limitations for indicator organisms so that a transition from effluent based to water quality based requirements will be both efficient and effective.

Date Published: 2/14/1977

Federal Register (FR) Publication Requirements for Draft and Final General NPDES Permits

Format requirements for NPDES permits.

Date Published: 1/18/1984

Federal Register Publication Costs of EPA-Issued General NPDES Permits

Minimum statutory and regulatory public notice requirements for issuing draft and final general permits.

Date Published: 4/4/1983

Final Guidance Implementation of Requirements Under Section 304(l) of the Clean Water Act as Amended

Table of Contents only.

Date Published: 3/1/1988

Final Guidance on Section 304(l) Listing and Permitting of Pulp and Paper Mills

Policy on section 304(l) listing of chlorine bleaching pulp and paper mills.

Date Published: 3/15/1989

Final Policy on Biological Assessments and Criteria

Policy attempts to address all pollution problems within a watershed.

Date Published: 8/13/1991

Final Procedures for the Review of Draft and Final General NPDES Permits

Final review procedures for draft and final general NPDES permits.

Date Published: 9/27/1983

Final Section 304(l) Implementation Guidance

Guidance to EPA Regions and states on how to identify waters subject to listing under Clean Water Act section 304(l) and development of Individual Control Strategies for point sources discharging into these waters.

Date Published: 3/17/1988

Final Study Plan for Determining Interlaboratory Variability of the EPA Short-Term Chronic and Acute Whole Effluent Toxicity Test Methods

The study plan was finalized by EPA in response to peer review and public comment received on the draft study plan (October 9, 1998 version). The study plan outlines the study objectives, study management, procedures for selecting laboratories, preliminary testing, sample preparation and distribution, conduct of each test method, and data reporting and evaluation procedures.

Date Published: 6/11/1999

Final Watershed Protection Framework Document

Memorandum explaining the Office of Water approach for implementing a watershed approach.

Date Published: 10/28/1991

Form 1 General Information - Consolidated Permits Program

General Information (must be submitted by all facilities applying for an individual NPDES permit, with the exception of MS4s)

Date Published: 8/1/1990

Fundamentally Different Factors Variances for Iron and Steel Facilities

Procedures for wholly disproportionate costs for fundamentally different factors variance requests by iron and steel facilities.

Date Published: 1/7/1983

General Permit Program Guidance

Centralized source of information about the general permit process.

Date Published: 3/1/1988

Guidance Manual for Developing Best Management Practices (BMP)

Guidance for NPDES permittees in the development of BMPs for their facilities to prevent release of toxic and hazardous chemicals (EPA 833-B-93-004).

Date Published: 10/1/1993

Guidance Manual for Reporting and Evaluating POTW Noncompliance

Guidance to EPA regions and states on criteria for evaluating the principal POTW activities that are essential to fully implement most local pretreatment programs.

Date Published: 4/16/1987

Guidance and Standards for Calculating Point Source Pollutant Loads Using the Permit Compliance System (PCS) Point Source Load Reductions as an Indicator of Water Quality Improvements

PCS is the primary repository of data used to determine reductions in pollutant loads to the waters of the United States. This effort falls under the umbrella of EPA's National Goals Project, which has developed a series of milestones for measuring improvements to the waters of the United States over the next 10 years. Measuring point source load reductions using PCS is one way to monitor improvements. The purpose of this guidance is to establish guidelines for consistent coding of NPDES permits in a manner that facilitates load reduction estimation through the use of PCS.

Date Published: 8/1/1997

Guidance for NPDES Permits Issued to Steam Electric Power Plants

Guidance to permit writers on establishing concentration or mass-based limits for steam electric power plants.

Date Published: 8/22/1985

Guidance for Section 304(l) Listing and Permitting of Pulp and Paper Mills

Presence of chlorinated dioxins and furans in discharges of pulp and paper mills examined.

Date Published: 3/15/1989

Guidance on Advance Concurrence of the Assistant Administrator for Water on Selected Section 301(g) and Fundamentally Different Factors Variance Decisions under the Clean Water Act

Guidance to EPA regions on how to determine in advance if concurrence is necessary for making decisions on variances from effluent guidelines.

Date Published: 4/15/1986

Guidance on EPA's NPDES and Sludge Management Permit Procedures on Federal Indian Reservations

Provides guidance on EPA's obligations to issue NPDES and sludge permits to facilities located on Indian reservations.

Date Published: 11/16/1993

Guidance on Setting BCT Permit Limits for Breweries under Section 402(a) of CWA

Guidance to permit authorities for establishing BCT permit limits for breweries using best professional judgement.

Date Published: 10/18/1979

Guidance on Use of Seasonal Limits in NPDES Permits

Letter outlining EPA's guidance of the appropriate use of NPDES effluent limits that vary with the seasons.

Date Published: 6/20/1996

Guidance to States on Assessing Existing Abilities to Implement a State Pretreatment Program and Preparing October 10, 1978, Submission to EPA

Guidance to states for developing evaluation of their abilities to implement a state pretreatment program.
Date Published: 9/8/1978

Impact of Phase I Basin Plans on NPDES Permits

Information from the Office of General Counsel addressing the impact of Phase I Basin Plans on NPDES permits.

Date Published: 9/1/1976

Implementation of Metals Criteria

Overall description of activities for work on the issue of implementation of metals criteria for the protection of aquatic life.

Date Published: 4/1/1993

Implementation of Promulgated Section 307(a) Toxic Standards

Clarifies implementation of newly promulgated toxics standards for aldrin, dieldrin, benzidine, DDT, endrin, toxaphene, and PCBs.

Date Published: 6/1/1977

Implementation of Section 403 of the FWPCA

Information from the National Wildlife Federation on Section 403 of the FWPCA. Clarifies that ocean discharge regulations at 40 CFR 227 no longer apply to discharges to oceans, and that the criteria in CWA section 403(c) must instead be used.

Date Published: 7/20/1977

Implementation of Section 406 of the Water Quality Act of 1987: Sewage Sludge Permitting and State Programs

Clarifies the 1987 amendments to the CWA and the impact to sewage sludge regulation and permitting.

Date Published: 5/21/1987

Implementation of the National Municipal Policy

Expresses EPA's commitment to implementing the National Municipal Policy, which includes schedules of compliance for secondary treatment at POTWs not to exceed July 1, 1988.

Date Published: 7/24/1985

Incorporation of Pretreatment Program Compliance Schedules Into POTW's Permits

Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.

Date Published: 6/5/1980

Incorporation of Pretreatment Program Development Compliance Schedules Into POTW NPDES Permits

Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.

Date Published: 1/28/1980

Industrial Permit Quality Review Procedures Guide, Draft

Handbook on how to conduct industrial Permit Quality Reviews (PQRs), which were developed in 1983 by the EPA Office of Water Enforcement and Permits. PQR was designed to provide national information on permit contents and program operations. This information is necessary for responses to Congress, developing budget and resource requests, and to identify areas for guidance or training activities.

Date Published: 9/1/1987

Innovative Technology Extensions Under Section 301(k) of Clean Water Act; Effect of Sections 301(j) and (l)

Extensions under section 301(k) of the Clean Water Act. Clarifies the granting of innovative technology extensions for toxic pollutants.

Date Published: 9/6/1978

Interagency 316(a) Technical Guidance Manual and Guide for Thermal Effects Section of Nuclear Facilities Environmental Impact Statements

This manual describes the information which should be developed and evaluated in connection with making technical determinations under Section 316(a) of the Federal Water Pollution Control Act, as amended.

FWPCA requires EPA to establish effluent limitations for use in permits for the discharge of pollutants to U.S. waters from point sources such as nuclear power plants.

Date Published: 5/1/1977

Interim Authorization of Programs Based on emergency State Regulations

Memorandum pertaining to RCRA program expressing limited conditions under which a state could receive interim authorization to issue permits. Although this was issued for the RCRA program, the concept could apply to NPDES.

Date Published: 10/3/1980

Interim Framework to Ensure Issuance of Timely and High Quality NPDES Permits

Guidance document for reducing permit backlog.

Date Published: 7/28/1999

Interim Guidance for Performance-Based Reductions of NPDES Permit Monitoring Frequencies

Interim guidance to reduce unnecessary pollutant-specific monitoring and reporting in reissued NPDES permits with an excellent compliance and enforcement history. Does not advocate reductions for parameters monitored only once per quarter or for limits below analytical level of quantification (EPA 833-B-96-001).
Date Published: 4/1/1996

Interim Guidance on Implementation of Section 402(o) Anti-backsliding Rules for Water Quality-Based Permits

Section 402(o) of CWA establishes anti-backsliding rules governing two situations.
Date Published: Unknown

Interim Permitting Approach for Water Quality-Based Effluent Limitations in Storm Water Permits

The policy addresses issues relating to the type of effluent limitations that are most appropriate for National Pollution Discharge Elimination (NPDES) storm water permits to provide for the attainment of water quality standards.
Date Published: 8/1/1996

Interim Strategy for the Regulation of Pulp and Paper Mill Dioxin Discharges to the Waters of the United States

Interim strategy for the regulation of pulp and paper mill dioxin discharges.
Date Published: 8/9/1988

Intermittent Streams

Information concerning issuance of permits and establishment of water quality standards for intermittent streams.
Date Published: 9/28/1973

Interpretation of Industrial Wastewater Discharge Exclusion from the Definition of Solid Waste

Clarifies that RCRA requirements apply to discharges of leachate into ground water from leaking waste management units, even when the ground water provides a direct hydrologic connection to surface waters of the US.
Date Published: 2/17/1994

Judicial Officer's Decision on Part 124 Proceedings

Guidance that when both legal and factual issues arise in an evidentiary hearing, and the EPA region grants the hearing on the factual issues, that the legal issues must also be heard by the administrative law judge.
Date Published: 4/12/1985

Letter to Mr. John C. Hall and Associates

Letter to Mr. John C. Hall of Hall & Associates from EPA's James Pendergast regarding total residual chlorine detection limits.
Date Published: 8/11/1998

Letter to Mr. Robert Bedell

Letter to Mr. Robert Bedell, Deputy Administrator, Office of Management and Budget, from Bruce R. Barrett, EPA regarding exemption from review requirements of EO 12291 for NPDES General Permits.
Date Published: 8/8/1983

Letter to Water Works Operators Association

Letter explaining that NPDES has jurisdiction over discharges from water treatment plants, and explaining that BCT and BPT are the appropriate technological standards for these discharges.
Date Published: 3/16/1984

Major Municipal Permitting in FY 81

Guidance on FY 81 permitting.
Date Published: 7/10/1980

Maximum Daily Discharge Limitations vs. Instantaneous Maximum Limitation

Letter recognizing the distinction between maximum daily discharge limitations and instantaneous maximum limitations.
Date Published: 10/23/1998

Memorandum: Information on the Misuse of Sodium Dimethyldithiocarbamate

Memo from Michael B. Cook, Director of the Office of Wastewater Management, alerting users of potential problems that could arise from the misuse of sodium dimethyldithiocarbamate and associated compounds.
Date Published: 6/2/2002

Method Guidance and Recommendations for Whole Effluent Toxicity (WET) Testing

This document provides guidance and recommendations on the conduct of the approved WET test methods and interpretation of WET test results reported under the NPDES program. This guidance partially fulfills the obligations of a legal settlement agreement that resolves a judicial challenge to the WET final rule. The document provides guidance on the following issues: nominal error rate adjustments, confidence intervals, concentration-response relationships, dilution series, and dilution waters.
Date Published: 7/1/2000

Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures Second Edition

Aid in conducting aquatic organism Toxicity Identification Evaluations.
Date Published: 2/1/1991

Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity

Date Published: 9/1/1993

Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms

This manual describes methods for measuring the acute toxicity of effluents to freshwater, estuarine, and marine macroinvertebrates and fish. The methods include single and multiple concentration static non-renewal, static-renewal, and flow-through toxicity tests for effluents and receiving waters.
Date Published: 8/1/1993

Model NPDES Permit for Discharges from the Cleanup of Gasoline Released from Underground Storage Tanks

Model permit for technology-based controls on discharges from cleanup operations for gasoline leaks from underground storage tanks.
Date Published: 6/1/1989

Moving the NPDES Program to a Watershed Approach

Status report of EPA regional efforts to implement the NPDES Watershed Strategy, and of the various activities conducted by states and EPA regions to foster watershed protection.
Date Published: 10/25/1994

Municipal Permit Quality Review Procedures Guide

Draft procedures for evaluating the quality of NPDES permits for POTWs.
Date Published: 10/1/1986

Municipal Wastewater Treatment Ponds

Guidance on permitting and enforcement activities related to implementing the new regulation allows municipal wastewater treatment ponds to satisfy secondary treatment requirements.
Date Published: 8/12/1976

NPDES Discharge Monitoring Report (DMR) Form

Form used by NPDES storm water permittees to submit analytical monitoring results to the appropriate NPDES permitting authority.
Date Published: Unknown

NPDES Evidentiary Hearing Management Program

Procedures for evidentiary management program.
Date Published: 10/3/1980

NPDES Form 2A Application

Application for permit to discharge municipal wastewater from publicly owned treatment works (POTWs)
Date Published: 1/14/1999

NPDES Form 2B Application

Application for permit to discharge wastewater - concentrated animal feeding operations and aquatic animal production facilities
Date Published: 8/31/1998

NPDES Form 2C Application

Application for permit to discharge wastewater - existing manufacturing, commercial, mining and silvicultural operations (Revisions proposed for Form 2C have been discontinued.)
Date Published: 8/1/1990

NPDES Form 2D Application

Application for permit to discharge process wastewater - new sources and new dischargers
Date Published: 8/1/1990

NPDES Form 2E Application

Application for facilities which do not discharge process wastewaters
Date Published: 8/1/1990

NPDES Form 2F Application

Application for permit to discharge storm water associated with industrial activity
Date Published: 1/1/1992

NPDES Form 2S Application

Application for sewage sludge (biosolids) permit for treatment works treating domestic sewage (TWTDS)
Date Published: 1/14/1999

NPDES Permit Authorization to Discharge

Information on the request of whether an NPDES Permit constitutes an authorization to discharge only specific parameters limited or monitored in the permit of a general authorization.
Date Published: 4/28/1976

NPDES Permit Form Outline

Outlines prescribed form for NPDES permits.
Date Published: 9/18/1973

NPDES Permit Issuance Flexibility Policy in Watershed Permitting

Memorandum to the Regions recognizing the challenge involved with respect to meeting permit issuance requirements during the transition to the watershed approach. It outlines measures designed to facilitate with the transition.

Date Published: 3/13/1996

NPDES Permit Issuance For Iron and Steel Facilities

Methods for the issuance of permits for the iron and steel industry.

Date Published: 9/15/1980

NPDES Permit Issuance for Pulp and Paper Facilities with BCT Limitations to Other Facilities

Memorandum discussing the position EPA has taken on the regulation of the Pulp and Paper Industrial Point Source Category, to examine methods for issuance of permits to facilities in that category and the issuance of permits with BCT limitations to secondary categories other than the pulp and paper.

Date Published: 2/15/1981

NPDES Permit Quality Review Checklist - For Non-Municipals

A four-page checklist that could be used by Regional or State staff to document permit reviews for non-municipal facilities in a standardized manner.

Date Published: 8/16/2002

NPDES Permit Quality Review Checklist - For POTWs

A four-page checklist that could be used by Regional or State staff to document permit reviews for POTWs in a standardized manner.

Date Published: 8/16/2002

NPDES Permit Writer's Manual

The NPDES Permit Writers' Manual is principally designed to help permit writers prepare legally defensible and enforceable NPDES permits. Its purpose is to serve as a useful resource in providing the technical and legal considerations which support the development of NPDES permits. However, the manual is also intended to serve as a resource for others, including stakeholders and the regulated community, interested in the NPDES permitting process. (EPA 833-B-96-003)

Date Published: 12/1/1996

NPDES Permit Writers Guide on Data Quality Objectives

Process that should be followed for establishing Data Quality Objectives.

Date Published: 12/3/1990

NPDES Permit Writers' Training Course PowerPoint Slides

The file is composed of PowerPoint slides that describe the NPDES Permit Writers' Course Modules. This document and other supplemental materials are provided to all NPDES Permit Writers' Course participants.

Date Published: 9/17/2001

NPDES Permits and Requirements of State Law

NPDES permits to federal facilities must conform with state water quality management plans, but that the permits do not need to be immediately modified to include recent revisions to such plans.

Date Published: 5/4/1977

NPDES Permits in Wetlands Areas

Information on the guidance concerning the creation of a sanitary landfill in a wetland.

Date Published: 7/11/1977

NPDES Permitting Process for Oil and Gas Activities on the Outer Continental Shelf

Guidance on the NPDES permitting process and general permitting strategy for offshore oil and gas activities, prepared under the Memorandum of Understanding between EPA and the Minerals Management Service of the Department of the Interior.

Date Published: 6/18/1985

NPDES Permitting Strategy for OCPSF Industry Direct Dischargers

National strategy calling for expeditious reissuance of NPDES permits for organic chemical facilities, in order that the new effluent guidelines can quickly become implemented.

Date Published: 2/16/1989

NPDES State Program Guidance for Development and Review of State Program Applications and Evaluation of State Legal Authorities

Synopsis and procedures of NPDES Program. Volume One. 40 CFR Parts 122-125 and 403

Date Published: 7/29/1986

NPDES Watershed Strategy

Strategy to more closely integrate the NPDES permitting program with watershed protection activities.

Date Published: 3/21/1994

NPDES and Sewage Sludge Program Authority: A Handbook for Federally Recognized Indian Tribes

General information on the NPDES wastewater and sewage sludge programs for federally recognized tribes.

Date Published: 7/1/1994

National Listing of Fish and Wildlife Consumption Advisories

EPA help card explaining how to install and use the National Listing of Fish and Wildlife Consumption Advisories (NLFWCA) Microsoft Windows program.
Date Published: 6/1/1996

National Minor Permit Issuance Strategy

Strategy aimed at reducing the minor permit backlog.
Date Published: 2/20/1986

National Municipal Policy & Strategy For Construction Grants, NPDES Permits, and Enforcement Under the Clean Water Act

Policy for assuring POTWs implement secondary treatment as quickly as possible.
Date Published: 10/1/1979

National Policy Regarding Whole Effluent Toxicity (WET) Enforcement

Memorandum clarifying national enforcement policy related to single exceedances of whole effluent toxicity limits and response when toxicity reduction evaluations are inconclusive.
Date Published: 8/14/1995

National Trends Charts for Individual NPDES Permits - Facility trends for all facilities

Authorized facility trend chart for all facilities.
Date Published: 1/1/2002

National Trends Charts for Individual NPDES Permits - National trends for all facilities

National trend chart for all facilities.
Date Published: 1/1/2002

National Trends Charts for Individual NPDES Permits - National trends for major facilities

National trend chart for major facilities.
Date Published: 1/1/2002

National Trends Charts for Individual NPDES Permits - State trends for all facilities

EPA states trend chart for all facilities.
Date Published: 1/1/2002

National Trends Charts for Individual NPDES Permits - State trends for major facilities

EPA states trend chart for major facilities
Date Published: 1/1/2002

New NPDES Non-Municipal Permit Rating System

Memorandum which discusses the implementation of the new system for rating dischargers as major/minor for purposes of aiding the administration of the NPDES program.
Date Published: 6/27/1990

New Policies for Establishing and Implementing Total Maximum Daily Loads (TMDLs)

Memorandum expressing EPA's policies for developing and implementing TMDLs.
Date Published: 8/8/1997

New Regulations Governing the Discharge of Toxic and Hazardous Pollutants to POTWs

Permitting and compliance monitoring & enforcement implementation activities. Note: This memorandum was superseded by promulgation of the Centralized Waste Treatment regulations of 40 CFR 437 on December 22, 2000.
Date Published: 12/17/1990

Ninth Circuit Court Decision Regarding 304(1) Implementation

Interpretation of court decision regarding 304(1) implementation.
Date Published: 10/25/1990

OMB Decision to Not Review All NPDES General Permits

Letter from OMB agreeing to exempt from OMB review general permits, conditioned upon ability to withdraw exemption for any particular permit.
Date Published: 11/3/1983

OW's Consultation of NPDES Permits for Solid Waste Discharge (MOA with Army)

Memorandum to EPA regions requesting EPA Headquarters involvement in discussions related to discharge of NPDES residuals into wetlands
Date Published: 2/1/1987

OWEC State Sewage Sludge Management Program

Office of Wastewater Enforcement and Compliance state sewage sludge management program summary and status.
Date Published: 10/25/1993

Office of General Counsel (OGC) Memorandum

Legal opinion concerning the inclusion of compliance schedules in Second Round and new permits.
Date Published: 1/19/1979

Office of Water Policy and Technical Guidance on Interpretation and Implementation of Aquatic Life Metals Criteria

Policy memorandum on how EPA will interpret its national criteria for metals, and presentation of technical tools states and EPA regions can use in implementing these criteria in NPDES permits and TMDLs.
Date Published: 10/15/1993

Opinions on Variances in Second Round NPDES Permits and Other Issues

Guidance on granting variances to BAT requirements.
Date Published: 6/13/1978

Options Developed at the September 1996 WET Meeting

Date Published: 10/1/1996

Order Denying Modification Request with Respect to the Administrator's 1990 Decision in Star-Kist Caribe, Inc. (NPDES Appeal No. 88-5)

Memorandum to EPA regions explaining the effect of the Administrator's decision regarding compliance schedules in EPA issued permits. (NPDES Appeal No. 88-5)
Date Published: 5/27/1992

PRELIM Version 4.0 User's Guide

User's guide for an EPA computer program that calculates local discharge limitation.
Date Published: 5/1/1991

Permit Compliance System (PCS) Policy Statement

Policy requiring EPA regional and state use of PCS for storage of NPDES information.
Date Published: 10/31/1985

Permit Form

Information on content and layout of forms to be utilized for all industrial and most other non-municipal dischargers.
Date Published: 9/18/1973

Permit Writer's Guide to Water Quality-Based Permitting for Toxic Pollutants

Step-wise procedures for use by NPDES permit writers faced with issuing water quality-based permits for toxic pollutants.
Date Published: 7/1/1987

Permitting Guidance for Semiconductor Manufacturing Facilities

Guidance document providing an overview of the semiconductor manufacturing process, a discussion of the overlap between Parts 469 and 433, and examining new and emerging manufacturing technologies and how these processes fit into the regulatory framework of Parts 469 and 433.
Date Published: 4/21/1998

Pesticide Chemicals Category, Formulating, Packaging and Repackaging Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards; Supplemental Notice

EPA is publishing this Supplemental Notice to obtain public comment on two topics for which comments were received on the proposed rulemaking (59 FR 17850, April 14, 1994) for the Pesticides Formulating, Packaging and Repackaging (PFPR) Industry.
Date Published: Unknown

Phase II Iron Steel Effluent Guidelines Mahoning River Valley

Information on EPA announcement and decision to exempt steel-making facilities in Mahoning River Valley region of Ohio from nationwide BPT effluent limitations.
Date Published: 10/4/1976

Plan for Resolution of Fundamentally Different Factors and Section 301(g) Variance Requests

Memo outlining the plan to resolve FDFs and 301(g) variances
Date Published: 9/25/1987

Policies for Reissuing Industrial NPDES Permits

Policies and guidance on industrial NPDES permits.
Date Published: 7/12/1978

Policy Regarding Procedures for FDF BPT Variances

Outlines interim procedures for processing FDF variances, until such time regulations are promulgated. [Note: Procedures became superseded by promulgation of the regulations on June 7, 1979, and subsequent revisions to EPA's delegation of signature author
Date Published: 8/17/1977

Policy Regarding the Inclusion in Permits of Effluent Parameters More Stringent Than or Additional to Those Based on Secondary Treatment or Effluent Guidelines

Information on the secondary treatment standard (municipal dischargers) and effluent guidelines (non-municipal dischargers).
Date Published: 10/13/1977

Policy Statement on Scope of Discharge Authorization and Shield Associated with NPDES Permits

EPA's position on the scope of the authorization to discharge under an NPDES permit and the shield thus associated with the permit authorization.
Date Published: 7/1/1994

Policy for the Development of Water Quality-Based Permit Limitations for Toxic Pollutants, 1984

Toxic and non-conventional pollutants from industrial and municipal sources.
Date Published: 2/3/1984

Policy on Storage and Releases for Water Quality Control in Reservoirs Planned by Federal Agencies

Policy statement that storage of water for the regulation of streamflow shall not be considered as a substitute for providing adequate treatment. [Note: Policy later incorporated into regulations at 40 CFR 123.3(f).]
Date Published: 1/16/1973

Post Promulgation Docket Index for Whole Effluent Toxicity Methods Variability Studies and Variability Guidance

This index provides the complete list of documents available for public review at the US Environmental Protection Agency Water Docket
Date Published: 2/18/1999

Pretreatment Compliance Inspection and Audit Manual for Approval Authorities

Approval for authorities' information on audits and inspections of approved local POTW pretreatment programs (EPA 833-B86-100).
Date Published: 7/1/1986

Primer on Wastewater Treatment

Document describes all the programs in the Office of Wastewater Management (EPA 833-K-98-001).
Date Published: 5/1/1998

Procedures For Processing Plans of Approved NPDES States To Implement NPDES General Permit Programs

Uniform procedures for authorizing approved NPDES states to implement general permit programs.
Date Published: 12/31/1980

Procedures Manual for Reviewing a POTW Pretreatment Program Submission

Guidance to EPA Regions and states on how to review local POTWs pretreatment program submissions.
Date Published: 10/1/1983

Procedures for Issuance of Enforcement Compliance Schedule Letters

Information on enforcement compliance schedule letters (ECSL).
Date Published: 6/3/1976

Procedures for Processing Fundamentally Different Factor Variances

Questions have recently been raised concerning the procedures for processing fundamentally different factors (FDF) variances. The NPDES regulations at 40 CFR 124.62-124.63 contain the procedures for processing variances. A copy of these provisions is attached.
Date Published: 6/1/1983

Procedures for Revising the Major Permit List

Clarification of requirements for municipal and industrial dischargers.
Date Published: 12/28/1988

Project Regarding Procedures for Fundamentally Different Factor BPT Variances

Information regarding the fundamentally different factors (FDR) variance request during the past year.
Date Published: 8/18/1977

Promulgation of regulations implementing section 301(j), 301(c), and 301(g) waivers.

Notification that EPA has promulgated regulations implementing section 301(j), 301(c), and 301(g) waivers, and clarification that only EPA can grant these waivers.
Date Published: 9/12/1978

Proper Application of Chlorine Criteria to Develop National Pollutant Discharge Elimination System (NPDES) Permit Limitations for Publicly-Owned Treatment Works (POTWs).

Letter explaining the proper application of chlorine criteria to develop National Pollutant Discharge Elimination System (NPDES) permit limitations for publicly-owned treatment works (POTWs).
Date Published: 2/3/1998

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.
Date Published: 6/1/2001

Public Notice of Tentative Section 301(g) Decisions and Draft NPDES Permits

Reminder to states and Regional Offices of the proper procedures for public notice of draft NPDES permits while section 301(g) variance decisions are pending.
Date Published: 8/1/1985

Questions Regarding the Policy and Procedures for Enforcement Compliance Schedule Letters,

Information on the June 3, 1976 issue with the enforcement actions against municipal and industrial dischargers failing to meet the July 1, 1977 statutory deadlines and procedures for issuing enforcement Compliance Schedule Letters (ECSL's).
Date Published: 12/10/1976

Questions and Answers Regarding OCPSF Effluent Limitations Guidelines

Memorandum providing frequently asked questions and answers related to the new effluent guideline for organic chemical plants.
Date Published: 10/12/1988

Questions and Answers on Implementation of Section 304(l) of the Clean Water Act

Provides answers to miscellaneous questions about implementing section 304(l) of the Clean Water Act.
Date Published: 1/4/1990

RCRA Permit Priorities Guidance

Priorities for processing RCRA permits.
Date Published: 10/3/1980

Recent Concerns about USGS Data for Selected Metals

Use of data for establishing NPDES permit limits.
Date Published: 1/2/1992

Recent Environmental Appeals Board Decision

Memorandum explaining that the decision of EPA's environmental appeals board upheld an EPA issued permit limit for whole effluent toxicity.
Date Published: 10/7/1993

Region 1 Final General Permit for the States of Maine, Massachusetts, and New Hampshire for Waste Treatment Facilities

Date Published: 12/9/1994

Region 1 General Permit Listing by State

Date Published: Unknown

Region 1 Trends Charts for Individual NPDES Permits for All Facilities

Region 1 regional trend chart for all facilities
Date Published: 1/1/2002

Region 1 Trends Charts for Individual NPDES Permits for Major Facilities

Region 1 regional trend chart for major facilities
Date Published: 1/1/2002

Region 10 General Permit Listing by State

Date Published: Unknown

Region 10 Trends Charts for Individual NPDES Permits for All Facilities

Region 10 regional trend chart for all facilities
Date Published: 1/1/2002

Region 10 Trends Charts for Individual NPDES Permits for Major Facilities

Region 10 regional trend chart for major facilities
Date Published: 1/1/2002

Region 2 General Permit Listing by State

Date Published: Unknown

Region 2 Trends Charts for Individual NPDES Permits for Major Facilities

Region 2 regional trend chart for major facilities
Date Published: 1/1/2002

Region 3 General Permit Listing by State

Date Published: Unknown

Region 3 Trends Charts for Individual NPDES Permits for All Facilities

Region 3 regional trend chart for all facilities
Date Published: 1/1/2002

Region 3 Trends Charts for Individual NPDES Permits for Major Facilities

Region 3 regional trend chart for major facilities
Date Published: 1/1/2002

Region 4 General Permit Listing by State

Date Published: Unknown

Region 4 Trends Charts for Individual NPDES Permits for Major Facilities

Region 4 regional trend chart for major facilities
Date Published: 1/1/2002

Region 5 General Permit Listing by State

Date Published: Unknown

Region 5 Trends Charts for Individual NPDES Permits for All Facilities

Region 5 regional trend chart for all facilities
Date Published: 1/1/2002

Region 5 Trends Charts for Individual NPDES Permits for Major Facilities

Region 5 regional trend chart for major facilities
Date Published: 1/1/2002

Region 6 Final General Permit for Produced Water and Produced Sand Discharges

Permit from the Oil and Gas Extraction Point Source Category to Coastal Waters in Louisiana and Texas
Date Published: 1/9/1995

Region 6 General Permit Listing by State

Date Published: Unknown

Region 6 Trends Charts for Individual NPDES Permits for All Facilities

Region 6 regional trend chart for all facilities
Date Published: 1/1/2002

Region 6 Trends Charts for Individual NPDES Permits for Major Facilities

Region 6 regional trend chart for major facilities
Date Published: 1/1/2002

Region 7 General Permit Listing by State

Date Published: Unknown

Region 7 Trends Charts for Individual NPDES Permits for All Facilities

Region 7 regional trend chart for all facilities
Date Published: 1/1/2002

Region 7 Trends Charts for Individual NPDES Permits for Major Facilities

Region 7 regional trend chart for major facilities
Date Published: 1/1/2002

Region 8 General Permit Listing by State

Date Published: Unknown

Region 8 Trends Charts for Individual NPDES Permits for All Facilities

Region 8 regional trend chart for all facilities
Date Published: 1/1/2002

Region 8 Trends Charts for Individual NPDES Permits for Major Facilities

Region 8 regional trend chart for major facilities
Date Published: 1/1/2002

Region 9 General Permit Listing by State

Date Published: Unknown

Region 9 Trends Charts for Individual NPDES Permits for All Facilities

Region 9 regional trend chart for all facilities
Date Published: 1/1/2002

Region 9 Trends Charts for Individual NPDES Permits for Major Facilities

Region 9 regional trend chart for major facilities
Date Published: 1/1/2002

Regional Guidance for Development of State-by-State Watershed Protection Assessment and Action Plans

Guidance document to provide assistance to EPA regions in preparing state-by-state assessments and action plans.

Date Published: 5/10/1994

Regional Review of State-Issued NPDES Permits

Clarification on review of NPDES permits.

Date Published: 1/18/1980

Reissuing NPDES Permits to Sources Affected by the NRDC Consent Agreement

Guidance on reissuing permits.

Date Published: 5/16/1978

Release of Dioxin Treatability Study and Interim Control Measures for Regulating Dioxin Discharges from Pulp and Paper Mills

Transmits preliminary reports that present results of EPA's bench scale wastewater treatability study in pulp and paper mill wastewaters.

Date Published: 10/20/1988

Remand of the OCPSF Effluent Limitations Guidelines for Bis (2-Chloroisopropyl) ether

Memorandum announcing that due to a partial remand on the organic chemicals effluent guideline, permit writers need to use their best professional judgement for writing permit limits for bis (2-chloroisopropyl) ether.

Date Published: 11/30/1988

Representative Sampling in NPDES Permits

Expresses importance of clear expressions of monitoring locations in NPDES permits, and offering recommended permit language for such.

Date Published: 5/6/1983

Request for Legal Opinion - Inclusion of Compliance Schedules in Second Round and New Permits

Legal opinion allowing the use of compliance schedules for revised BAT and water quality standards. [Note: This is modified by Starkist Caribe decision of 1990.]

Date Published: 12/26/1978

Results of Significant Noncompliance (SNC) Study

Significant noncompliance study and enforcement of EPA regulations.

Date Published: 8/25/1993

Review of Memorandum Regarding Draft Procedures for Processing Fundamentally Different Factors Variances for Direct and Indirect Dischargers

Proposed procedures on variances and time extensions available under the Clean Water Act.

Date Published: 10/11/1983

Review of State NPDES Permits Written Prior to State Program Revision

Applicability of certain requirements contained in the consolidated permit regulations.

Date Published: 12/24/1980

Revised NPDES Second Round Permits Policy

Revision to policy for issuing permits that implement BAT. [Note: This policy was later revised and expired September 30, 1983.]

Date Published: 8/29/1980

Revised Policy Statement on Scope of Discharge Authorization and Shield Associated with NPDES Permits

Memorandum describing EPA's policy interpretation of Clean Water Act section 402(k), also known as "permit as a shield."

Date Published: 4/11/1995

Science Policy Council Handbook: Peer Review, EPA 100-B-98-001, January 1998

On June 7, 1994, the EPA issued a Peer Review Policy Statement. The overall objective of the Peer Review Policy is to enhance the quality and credibility of Agency decisions by ensuring that scientific and technical work products that support EPA decisions receive peer review by independent scientific and technical experts.

To help EPA state and managers implement this policy, EPA's Science Policy Council (SPC) prepared this Peer Review Handbook to provide guidance on organizing and conducting peer reviews.

Date Published: 6/7/1994

Section 301(g) Variance Requests

Guidance for handling 301(g) variance requests.

Date Published: 5/17/1983

Settlement Agreement between Edison Electric Institute and Western Coalition of Arid States and the US Environmental Protection Agency, July 24, 1998

On July 24, 1998, EPA, the Edison Electric Institute, and the Western Coalition of Arid States reached an agreement to settle a challenge to EPA's approval of 17 WET test methods. The agreement requires EPA to conduct additional interlaboratory variability studies for 12 of the 17 approved WET methods, prepare guidance on analytical variability, seek peer review for technical decisions, and publish a series of Federal Register notices that address the WET final rule.

Date Published: 7/24/1998

Sewage Disposal from Trains

Clarifies that sewage disposal from trains is best addressed by the Rail Passenger Service Act, and not the Clean Water Act.

Date Published: 11/8/1988

Short-Term Financial Assistance for States Expected to Receive Authorization Before January 1, 1981

Issues of financial assistance to states where the Region expects to issue interim authorization between Nov. 19, 1980 and Jan. 1, 1981.

Date Published: 10/3/1980

Short-Term Methods For Estimating the Chronic Toxicity of Effluents and Receiving Water to Freshwater Organisms

Third edition. This manual describes four short-term (four- to seven-day) methods for estimating the chronic toxicity of effluents and receiving waters to three freshwater species: the fathead minnow, *Pimephales promelas*, a daphnid, *Ceriodaphnia dubia*, and a green alga, *Selenastrum capricornutum*. The methods include single and multiple concentration static renewal and non-renewal toxicity tests for effluents and receiving waters.

Date Published: 7/1/1994

Signatories to Department of Defense Permit Applications

Memorandum identifying who must sign permit applications submitted for Department of Defense facilities, including NPDES permits.

Date Published: 1/25/1985

State General Permits Program Development

Guidance document provides a centralized source of information about the general permit process and obtaining general permit authority.

Date Published: 6/13/1989

State NPDES Program Status

Date Published: 9/16/1998

State Pretreatment Programs

Memo regarding implementation of pretreatment programs by EPA and the states

Date Published: 4/12/1979

State Regulation on Federal Facilities under the Federal Water Pollution Control Act Amendments of 1977 (Clean Water Act) Policy Guidance Memorandum

Information on the recent amendments to the FWPCA.

Date Published: 3/10/1978

State Sludge Management Program Guidance Manual

Provides guidance and specifies procedures for evaluating state sludge program applications.

Date Published: 10/1/1990

State Water Quality-Based Quality Control Program Review Guidance

Guidance for review of state toxics control programs. [Note: This activity was suspended following release of the 1991 Technical Support Document for Water Quality-based Toxics Control, and the promulgation of the National Toxics Rule on December 22, 1992.]

Date Published: 12/1/1987

State/Territory Backlog Status for Major Facilities Ranked Highest to Lowest - March 2000

Date Published: 4/24/2000

Statement by Agency Personnel Purporting to Sanction Source Actions Which Are Inconsistent With Statutory Requirements

Restates EPA's policy that employees cannot make formal or informal commitments to refrain from taking enforcement action or sanction activities that violate statutory or regulatory requirements administered by EPA.

Date Published: 5/28/1980

Status Report in the Matter of Star-Kist Caribe, Inc. Petitioner NPDES Permit No. PR0022012

Steps Petitioner and the Office of Water have taken to address implementation of September 4, 1990 Stay Order.

Date Published: 4/3/1992

Statutory Deadlines for Compliance by Publicly Owned Treatment Works under the Clean Water Act

Memo regarding statutory deadlines affected by the amendments to the CWA

Date Published: 3/4/1983

Stay Granted in Star-Kist Caribe

Stay of order on petition for reconsideration.

Date Published: 9/21/1990

Strategy for the Regulation of Discharges of PHDDs and PHDFs from Pulp and Paper Mills to Waters of the United States

Strategy for writing permit limits to control dioxins and furans discharged from pulp and paper mills. Updates the August 9, 1988 interim strategy.

Date Published: 5/21/1990

Suspended Solids Effluent Limitations for Publicly Owned Wastewater Treatment Ponds Followed by Other Treatment Elements

Policy stating when the secondary treatment requirement for total suspended solids can be adjusted.

Date Published: 9/1/1978

Suspension of Consolidated Permit Regulation Establishing Criteria for NPDES New Source Determinations and Proposed Revision of the Regulation

Contents of two Federal Register Notices published on Sept. 9, 1980.

Date Published: 9/25/1980

Suspension of Portion of Definition of "Waters of the United States" in Consolidated Permit Regulations - Action Memorandum

Suspending a provision of the Consolidated Permit Regulations.

Date Published: 7/15/1980

Technical Guidance Manual for the Regulations Promulgated Pursuant to Section 301(g) of the Clean Water Act of 1977 and 40 CFR Part 125 (Subpart F)

Guidance to EPA Regions and states on how to conduct the technical analysis required in support of Section 301(g) variances to effluent guidelines. Assistance for applicants in developing best available technology economically achievable (BAT) effluent limitations for non-conventional pollutants (CWA s.301(g)).

Date Published: 8/22/1984

Technical Support Document for Water Quality-Based Toxics Control

States and Regions with guidance on procedures for use in water quality-based control of toxic pollutants.

Date Published: 3/1/1991

The Use of State Permitting Systems During Phase I Interim Authorization Which Are Not Based on Explicit Regulatory Standards

Issues of state hazardous waste programs.

Date Published: 10/17/1980

The Watershed Approach: Our Framework for Ecosystem Protection

Describing actions EPA will take to foster a watershed approach to protecting surface waters.

Date Published: 10/7/1994

The Watershed Protection Approach Framework Document

Water program's efforts to identify & control water pollution and protect watersheds.

Date Published: 10/28/1991

Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I

Methods to characterize the chemical/physical nature of the constituents in effluents which cause their chronic toxicity (EPA 600-6-91-005F).

Date Published: 5/1/1992

Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants

Guidance document to permittees, permit writers and consultants on the general approach and procedures for conducting toxicity reduction evaluations (TREs) at municipal wastewater treatment plants. Provides new updates and additional case study discussions on issues for identifying whole effluent toxicity at municipal wastewater treatment plants. It addresses many issues that stakeholders have raised since the earlier April 1989 edition. It is intended to be a guide to the approaches that have been successfully used in municipal TREs (EPA 833-B-99-022).

Date Published: 8/1/1999

Toxicity Testing Requirements in Municipal Permits

Procedures and rationale for toxics control.

Date Published: 7/24/1985

Training Manual for NPDES Permit Writers

Illustration of the application of technical principles of the NPDES regulations. Table of contents only.

Date Published: 5/1/1987

Transfer of Authority Over Federal Facilities to NPDES States - Guidance Memorandum

Guidance on authorizing states to issue NPDES permits to federal facilities. Uniform method for processing transfers of authority.

Date Published: 11/28/1978

Transfer of NPDES Federal Facilities Program Authority Under Section 313 of the Clean Water Act to the State of Michigan: Action Memorandum

Information on NPDES program authority for Federal Facilities being transferred to the state of Michigan.

Date Published: 10/27/1978

Transmittal of Draft Technical Support Document

Transmittal letter for the latest draft of EPA's Technical Support Document for Water Quality-Based Toxics Control.

Date Published: 7/1/1984

Transmittal of Final Policy on Biological Assessments and Criteria

Memorandum providing EPA's policy on use of biological criteria and requirement to independently apply water quality criteria when assessing the health of a surface water. This is the document that presents EPA's policy on "independent applicability."

Date Published: 6/19/1991

Treatability Manual, Volume I - Treatability Data
Preface and Acknowledgements for the Treatability Manual. Series of EPA guidance manuals on the treatability of priority pollutants. Guidance is often used by permit writers when establishing permit limits using best professional judgement. Vol.1(EPA 800/8-80-042A; ERIC W754; NTIS PB80-223050), Vol.2 (EPA 800/ Date Published: 6/23/1980

Understanding and Accounting for Method Variability in Whole Effluent Toxicity Applications Under the NPDES Program

This document was developed by an EPA OWM work group to address questions raised by stakeholders on the issue of analytical variability that might be associated with Whole Effluent Toxicity (WET) testing and how it relates to the NPDES permit program (EPA 833-R-00-003)
Date Published: 6/1/2000

Use of BOD5 Carbonaceous Test Results to Determine Compliance with NPDES Permits Based on Secondary Treatment Requirements

Secondary treatment requirements.
Date Published: 3/10/1980

Use of Biomonitoring in the NPDES Permit Program

Legal memorandum explaining that EPA has the authority to require biomonitoring and establish non-effluent guideline limitations for toxics in NPDES permits.

Date Published: 1/11/1979

Use of Enforcement Compliance Schedule Letters Past July 7, 1977

Expands upon previous memoranda on this subject regarding use of enforcement compliance schedule letters issued after July 1, 1977.

Date Published: 5/11/1977

Use of In-stream Mechanical Aerators to Meet Water Quality Standards

Information on the use of in-stream aerators to meet water quality standards. Recommends that the use of instream aerators not be considered analogous to low flow augmentation.

Date Published: 5/2/1977

Use of Low Flow Augmentation by Point Sources to Meet Water Quality Standards

EPA's policy discouraging use of flow augmentation as an alternative to treatment for meeting water quality standards.

Date Published: 11/8/1976

Use of Water-Effect Ratio in Water Quality Standards

Guidance to support implementation of Federal standards for those states included in the National Toxics Rule.

Date Published: 2/22/1994

Use of the Enforcement Compliance Schedule Letter past July 1, 1977

Information for the July 1, 1977 deadline under the Federal Water Pollution Control Act

Date Published: 5/11/1977

Utility Manholes and Vaults as "Point Sources"

Letter to Senator Reid on whether utility manholes and vaults are point sources of pollution under the CWA.

Date Published: 9/4/1997

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact on Five Mile Creek, Birmingham, Alabama

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.

Date Published: 12/1/1985

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Back River, Baltimore Harbor, Maryland

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.

Date Published: 7/1/1986

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Kanawha River, Charleston, West Virginia

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.

Date Published: 7/1/1986

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Naugatuck River, Waterbury, Connecticut

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.

Date Published: 5/1/1986

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Ohio River, Near Wheeling, West Virginia

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.

Date Published: 3/1/1986

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Scippo Creek, Circleville, Ohio

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.
Date Published: 6/1/1985

Validity of Effluent and Ambient Toxicity Tests for Predicting Biological Impact, Skeleton Creek, Enic, Oklahoma

Study report evaluating relationship of whole effluent toxicity to biological impacts in a freshwater system.
(EPA/600/8-86/002)
Date Published: 3/1/1986

Wastewater Technology Fact Sheet: Chemical Precipitation

EPA 832-F-00-018
Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Dechlorination

EPA 832-F-00-022
Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Granular Activated Carbon Absorbtion & Regeneration

EPA 832-F-00-017
Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Intermittent Sand Filters

EPA 932-F-99-067
Date Published: 9/1/1999

Water Permitting 101

This paper will present a brief history and introduction to the national water pollution control permitting program as administered by the United States Environmental Protection Agency (EPA) and provide an overview of the permitting activities implemented through the NPDES program today.
Date Published: Unknown

Water Treatment Plant Limitations

EPA has reviewed a proposed regional policy on industrial and municipal water treatment plant permit limitations.
Date Published: 4/13/1977

Waters of the United States Determination For a Proposed Cooling Pond Site in Polk County, Florida

Proposed cooling pond site in Polk County, Florida. Provides guidance on whether a cooling pond is considered as a water of the US under the NPDES permit program.
Date Published: 12/13/1993

Whole Effluent Toxicity (WET) Control Policy

Policy is intended to promote nationwide compliance with statutory and regulatory requirements for the control of WET.
Date Published: 7/1/1994

Whole-Effluent Toxicity Sample Permitting and Enforcement Guidance

Efforts of an EPA/State workgroup composed of permitting, enforcement and legal counsel representatives in support of whole-effluent toxicity permitting and enforcement. Guidance for improving consistency in whole effluent toxicity limits in NPDES permits by providing sample permit language.
Date Published: 2/2/1989

Workshop on Aquatic Life Criteria for Metals Short Term Recommendations

Recommendations from Jan. 25, 1993 workshop on aquatic life criteria for metals.
Date Published: Unknown

Writing NPDES BAT Permits in the Absence of Promulgated Effluent Guidelines

Expresses need to reissue NPDES permits implementing BAT although effluent guidelines have not been developed, and initial guidance on how to write such permits using best professional judgement.
Date Published: 6/25/1980

Industrial Permitting Publications

Additional Guidance for Petroleum Marketing Terminals and Oil Production Facilities

Information and guidance for establishing monitoring for petroleum marketing terminals. Explains that oil and grease monitoring for petroleum marketing terminals and oil production facilities cannot use instantaneous maximum limits but must rather use daily maximum limits.

Date Published: 7/18/1974

Additional Questions on Enforcement Compliance Schedule Letters

Response to transmitting "Additional Suggested Questions on Enforcement Compliance Schedule Letters." Further clarification on the use of enforcement compliance schedule letters.

Date Published: 4/1/1977

Alaska Seafood Processing General Permit

Date Published: 12/23/1994

Alternative in Permit Language

Provides permit language for the definitions of the daily maximum and daily average permit limits.

Date Published: 12/27/1973

American Petroleum Institute vs. EPA - Effluent Guidelines for Petroleum Refining: Information Management

Information on the refining and the petroleum industry and limitations. Memorandum summarizing a court decision upholding EPA's statistical methodology for effluent guidelines and method of assessing cost of regulations. There is a reference to storm water which has become moot with the 1987 Water Quality Act.

Date Published: 8/23/1976

Applicability of General Permits to New Sources

Procedures to be followed if a general permit is to cover new sources. General permits can include new sources, but only after NEPA requirements are fulfilled.

Date Published: 12/21/1982

Application of Electroplating Guidelines to NPDES Permits

Guidance on the application of effluent guidelines for electroplating. [Note: Guidance made obsolete by revision of effluent guidelines on January 28, 1981.]

Date Published: 8/28/1974

Application of RCRA Corrective Action Requirements to POTWs

This memorandum outlines the applicability of RCRA to POTWs and contains a model letter, to be sent to POTWs, requiring them to notify EPA whether RCRA "hazardous waste" is received by the POTW.

Date Published: 9/11/1986

Application of the NPDES General Permit Program to Offshore Oil and Gas Facilities

Date Published: 7/30/1981

Asbestos Limits in NPDES Permits

Suggested approach for including permit limits for asbestos.

Date Published: 10/15/1976

BCT Cost Test Guidance

Guidance manual for conducting BCT cost evaluations when establishing permit limits based on best professional judgement.

Date Published: 9/30/1980

CERCLA Reporting Requirements for Releases of Ethylene Glycol from Airplane De-icing Operations

Expresses EPA's position on the applicability of the federally permitted release exemption and the continuous release reporting regulation to releases of ethylene glycol from airplane de-icing operations.

Date Published: 2/4/1992

Calculation of Production-Based Effluent Limits

Clarification on the procedure for calculating production-based effluent limitations and to provide guidance on the use of alternate limitations.

Date Published: 12/18/1984

Case Study Short Questionnaire

In support of the Section 316(b) regulations, EPA will conduct a series of case studies. This questionnaire targets facilities located in particular areas that have been chosen as case study sites. The questionnaire is intended to capture facility-specific information needed to conduct the case studies.

Date Published: 1/1/2000

Clarification of "Instantaneous Maximum" as Applied to Steam Electric Facilities Effluent Limitations

Memorandum providing interpretation that the steam electric effluent guideline for chlorine is intended to be an instantaneous maximum limit and not a daily maximum limit.

Date Published: 7/27/1992

Clarification of Sampling Procedures for the VOA Fraction

The Permits Division has received several inquiries about sampling procedures when data on volatile organic (VOA) toxic pollutants are required.

Date Published: 7/31/1985

Clarifications Regarding Toxicity Reduction and Identification Evaluations in the National Pollutant Discharge Elimination System Program

EPA document developed by the Office of Wastewater Management/Water Permits Division to provide additional clarification on conducting toxicity reduction evaluations and toxicity identification evaluations with respect to whole effluent toxicity (WET) testing. The document clarifies for National Pollutant Discharge Elimination System (NPDES) permit writers and permittees a number of common issues such as: when and under what circumstances a permittee should conduct a TRE and/or a TIE; technical limitations on the TIE process; consideration of persistence and magnitude of toxicity events; ionic imbalances of effluents; the applicability of compliance schedules; and inconclusive TREs/TIEs. The document supplements existing EPA guidance and policies on WET and TREs/TIEs but does not change current policy or legal authority.

Date Published: 3/27/2001

Coal Mining Under the Surface Mining Control and Reclamation Act of 1977 and its Relationship to EPA's Current Responsibilities for Coal Mining Operations

Highlights of the SMCRA, intended for the states and EPA Regions.

Date Published: 5/25/1978

Combined Sewer Overflow Technology Fact Sheet: Chlorine Disinfection

EPA 832-F-99-034

Date Published: 9/1/1999

Confidentiality of NPDES Permit Application

Legal decision that NPDES permits and permit applications are public documents and not subject to confidential business information requirements.

Date Published: 4/6/1978

Consent Decree in Natural Resources Defense Council, Inc. v. Browner, Civ. No. 95-634 PLF (Storm water Phase II litigation)

Consent Decree settling litigation over EPA implementation of Section 402(p)(6) of the Clean Water Act.

Date Published: 4/24/1995

Criteria for Reviewing Leather Tanning Sulfide Waiver Applications

Memorandum transmitting criteria for reviewing sulfide waiver applicants from leather tanners, consistent with the national pretreatment categorical standards.

Date Published: 1/13/1983

Delegation (to the regions) of Updates to Major/Minor Lists

Memorandum which establishes the delegation of determinations of major/minor status for both municipal and non-municipal NPDES dischargers to the Regions

Date Published: 2/6/1995

Description of the Industrial Categories

One-page description of the eleven categories of "Storm water discharges associated with industrial activity" found at 40 CFR 122.26 (b) (14) (i)-(xi).

Date Published: Unknown

Detailed Industry Questionnaire: Phase II Cooling Water Intake Structures, Manufacturers

The enclosed technical questionnaire will help EPA better understand the design and operation of cooling water intake structures at industrial facilities that are subject to Section 316(b).

Date Published: 1/1/2000

Detailed Industry Questionnaire: Phase II Cooling Water Intake Structures, Steam Electric Nonutility Power Producers

The enclosed technical questionnaire will help EPA better understand the design and operation of cooling water intake structures at industrial facilities that are subject to Section 316(b).

Date Published: 1/1/2000

Detailed Industry Questionnaire: Phase II Cooling Water Intake Structures, Traditional Steam Electric Utilities

The enclosed technical questionnaire will help EPA better understand the design and operation of cooling water intake structures at industrial facilities that are subject to Section 316(b).

Date Published: 1/1/2000

Discharge Monitoring Report (DMR) Form Instructions

Discharge Monitoring Report (DMR) Form Instructions
Date Published: Unknown

Disposal of Supply Water Treatment Sludges

Information on the NPDES standards permit language containing a prohibition on the return of supply water treatment sludges to the receiving water.
Date Published: 9/13/1974

Draft Ballast Water Report Factsheet: Aquatic Nuisance Species in Ballast Water Discharges

On January 13, 1999, EPA received a petition which requested that ships' ballast water be regulated under the NPDES program. This fact sheet describes the draft Ballast Water Report, how to comment on the draft report, and EPA's response to the petition.
Date Published: 9/10/2001

Draft Guidance for Application and Review of Section 301(c) Variance Requests

Guidance document to assist applicants in completing requests for 301(c) variances and assists EPA Regions and states in reviewing the requests.
Date Published: 8/21/1984

Draft Interim Guidance on Implementation of Section 402(o) Antibacksliding Rules for Water Quality-Based Permits

Interim guidance on interpreting Clean Water Act section 402(o) for water quality based effluent limits, and clarifying that the January 4, 1989, regulation interprets the Act for technology based effluent limits.
Date Published: 9/29/1989

Draft Notification Letter to Petroleum Refineries

Draft letter that EPA may notify selected refineries and request that the refineries provide certain existing and new information on their facilities and the occurrence of chlorinated dibenzo-p-dioxins and chlorinated dibenzofurans (CDDs and CDFs).
Date Published: Unknown

EPA Region 1 Non-Contact Cooling Water General Permit

Date Published: 4/28/1994

EPA Region 6 Construction General Permit (CGP)

Region 6 CGP, as appeared in 63 FR 36490, July 6, 1998. Applies only in areas where EPA Region 6 is the NPDES permitting authority. The application (NOI) and termination (NOT) forms are the same as the ones listed above for the national permit.
Date Published: 7/6/1998

EPA's Draft Ballast Water Report: Aquatic Nuisance Species in Ballast Water Discharges

On January 13, 1999, EPA received a petition which requested that ships' ballast water be regulated under the NPDES program--which requires permits for the discharge of pollutants into the Nation's waters. Environmental degradation from the introduction of invasive species through ballast water is well documented. In response to the petition, EPA's Office of Water investigated what mechanisms are available under the Clean Water Act and other relevant statutes and programs to control aquatic nuisance species (ANS) in ballast water discharges.
Date Published: 9/10/2001

Economic and Engineering Analyses of the Proposed 316(b) New Facility Rule

Date Published: 8/1/2000

Effluent Guidelines For the OCPSF Industrial Category

Interim guidance to permit authorities on the application of the new effluent guidelines for organic chemical and plastics and synthetics fibers (OCPSF) to NPDES permits.
Date Published: 2/8/1988

Effluent Trading in Watersheds

Policy statement communicating EPA policy on effluent trading.
Date Published: 1/1/1996

Enforcement Actions Where an Industrial Discharger fails to meet the July 1, 1977, Statutory Deadline for Achieving Best Practicable Control Technology or Other Applicable Effluent Limitations

Describes how EPA will enforce the July 1, 1977 deadline for compliance with best practicable control technology and other statutory requirements.
Date Published: 6/3/1976

Environmental Management Systems

This Guide is intended to support and facilitate the development of environmental management systems (EMS) among small and medium-sized organizations. The Guide explains how you can develop and implement an effective EMS and how it can support your organization's mission and goals. Development of an EMS is a voluntary approach to improving your organization's environmental performance.

The final report on NSF International's EMS Demonstration Project summarizes the EMS implementation experiences of 18 organizations of a variety of types and sizes. The project, which used the ISO 14001 Standard as the model for an EMS, was funded through a two-year grant from EPA's Office of Wastewater Management (October 1994 - September 1996).
Date Published: 11/1/1996

Fact Sheet on the Ninth Circuit Opinion on the Storm Water Regulations

Affirmation of the EPA's Nov. 16, 1990 storm water application regulations.
Date Published: 9/3/1992

February 4, 1990 Deadline for Storm Water Permit Applications

Application requirements for storm water permits.
Date Published: 1/31/1990

Fecal Coliform Bacteria Limits

This guidance is intended to simplify the procedure for assigning effluent limitations for indicator organisms so that a transition from effluent based to water quality based requirements will be both efficient and effective.
Date Published: 2/14/1977

Feedlot Permit Format

Information and guidance on the standard permit format for feedlot. The conditions developed reflect the Agency's stated position as contained in the promulgated guideline.
Date Published: 7/29/1974

Final Guidance on Section 304(l) Listing and Permitting of Pulp and Paper Mills

Policy on section 304(l) listing of chlorine bleaching pulp and paper mills.
Date Published: 3/15/1989

Final MSGP-2000 (65 FR 64746, October 30, 2000)

EPA Regions 1, 2, 3, 4, 6, 8, 9, and 10 have reissued EPA's NPDES storm water multi-sector general permit (MSGP) for industrial activities. This general permit was first issued on September 29, 1995 (60 FR 50804), and amended on February 9, 1996 (61 FR 5248), February 20, 1996 (61 FR 6412), September 24, 1996 (61 FR 50020), August 7, 1998 (63 FR 42534) and September 30, 1998 (63 R 52430).
Date Published: 10/30/2000

Final Watershed Protection Framework Document

Memorandum explaining the Office of Water approach for implementing a watershed approach.
Date Published: 10/28/1991

Form 1 General Information - Consolidated Permits Program

General Information (must be submitted by all facilities applying for an individual NPDES permit, with the exception of MS4s)
Date Published: 8/1/1990

Fundamentally Different Factors Variances for Iron and Steel Facilities

Procedures for wholly disproportionate costs for fundamentally different factors variance requests by iron and steel facilities.
Date Published: 1/7/1983

Guidance Manual For the Preparation of NPDES Permit Applications For Storm Water Discharges Associated With Industrial Activity

Assistance for operators of facilities which discharge storm water in complying with NPDES permit application requirements (EPA-505/8-91-002).
Date Published: 4/1/1991

Guidance Manual for Developing Best Management Practices (BMP)

Guidance for NPDES permittees in the development of BMPs for their facilities to prevent release of toxic and hazardous chemicals (EPA 833-B-93-004).
Date Published: 10/1/1993

Guidance for Evaluating the Adverse Impact of Cooling Water Intake Structures on the Aquatic Environment

Section 316(b) P.L.92-500
Date Published: 5/1/1977

Guidance for NPDES Permits Issued to Steam Electric Power Plants

Guidance to permit writers on establishing concentration or mass-based limits for steam electric power plants.
Date Published: 8/22/1985

Guidance for Section 304(l) Listing and Permitting of Pulp and Paper Mills

Presence of chlorinated dioxins and furans in discharges of pulp and paper mills examined.
Date Published: 3/15/1989

Guidance for the Determination of Appropriate Methods for the Detection of Section 313 Water Priority Chemicals

Guidance to facilities discharging storm water and subject to EPCRA section 313 reporting requirements on what pollutants to sample for and what methods to use when sampling. (EPA 833-B-94-001)
Date Published: 4/1/1994

Guidance for the Preparation of Discharge Monitoring Reports: Facilities Required to Report Semi-Annual Monitoring Results Under NPDES Storm Water General Permits

Requirements for reporting storm water discharges.
Date Published: 4/1/1994

Guidance on Advance Concurrence of the Assistant Administrator for Water on Selected Section 301(g) and Fundamentally Different Factors Variance Decisions under the Clean Water Act

Guidance to EPA regions on how to determine in advance if concurrence is necessary for making decisions on variances from effluent guidelines.
Date Published: 4/15/1986

Guidance on EPA's NPDES and Sludge Management Permit Procedures on Federal Indian Reservations

Provides guidance on EPA's obligations to issue NPDES and sludge permits to facilities located on Indian reservations.
Date Published: 11/16/1993

Guidance on Setting BCT Permit Limits for Breweries under Section 402(a) of CWA

Guidance to permit authorities for establishing BCT permit limits for breweries using best professional judgement.
Date Published: 10/18/1979

Guidance on Use of Seasonal Limits in NPDES Permits

Letter outlining EPA's guidance of the appropriate use of NPDES effluent limits that vary with the seasons.
Date Published: 6/20/1996

Implementation of Promulgated Section 307(a) Toxic Standards

Clarifies implementation of newly promulgated toxics standards for aldrin, dieldrin, benzidine, DDT, endrin, toxaphene, and PCBs.
Date Published: 6/1/1977

Implementation of Section 403 of the FWPCA

Information from the National Wildlife Federation on Section 403 of the FWPCA. Clarifies that ocean discharge regulations at 40 CFR 227 no longer apply to discharges to oceans, and that the criteria in CWA section 403(c) must instead be used.
Date Published: 7/20/1977

Industrial Permit Quality Review Procedures Guide, Draft

Handbook on how to conduct industrial Permit Quality Reviews (PQRs), which were developed in 1983 by the EPA Office of Water Enforcement and Permits. PQR was designed to provide national information on permit contents and program operations. This information is necessary for responses to Congress, developing budget and resource requests, and to identify areas for guidance or training activities.
Date Published: 9/1/1987

Industry Screener Questionnaire: Phase I for Cooling Water Intake Structures

This Information Collection Request is to supplement research being conducted by EPA's Office of Wastewater Management and Office of Science and Technology to support the development of proposed regulations to implement Section 316(b) of the Clean Water Act. EPA has been directed by a Consent Decree to take final action to implement Section 316(b) by the year 2001. EPA requests approval from the Office of Management and Budget to implement a written screener questionnaire of industrial facilities potentially subject to Section 316(b).
Date Published: 10/1/1998

Industry Short Technical Questionnaire: Phase II Cooling Water Intake Structures

The enclosed short technical questionnaire will help EPA identify the types and sizes of utilities that are subject to Section 316(b).
Date Published: 1/1/2000

Innovative Technology Extensions Under Section 301(k) of Clean Water Act; Effect of Sections 301(j) and (l)

Extensions under section 301(k) of the Clean Water Act. Clarifies the granting of innovative technology extensions for toxic pollutants.
Date Published: 9/6/1978

Interagency 316(a) Technical Guidance Manual and Guide for Thermal Effects Section of Nuclear Facilities Environmental Impact Statements

This manual describes the information which should be developed and evaluated in connection with making technical determinations under Section 316(a) of the Federal Water Pollution Control Act, as amended. FWPCA requires EPA to establish effluent limitations for use in permits for the discharge of pollutants to U.S. waters from point sources such as nuclear power plants.
Date Published: 5/1/1977

Interim Guidance for Performance-Based Reductions of NPDES Permit Monitoring Frequencies

Interim guidance to reduce unnecessary pollutant-specific monitoring and reporting in reissued NPDES permits with an excellent compliance and enforcement history. Does not advocate reductions for parameters monitored only once per quarter or for limits below analytical level of quantification (EPA 833-B-96-001).
Date Published: 4/1/1996

Interim Petroleum Refinery Dioxin Discharges Activities and Guidance Update

Memorandum providing an interim report on the available information regarding the potential presence of dioxins and furans in wastewater discharged from petroleum refineries and to provide the Regions with recommendations concerning notification of petroleum refineries about the detection of dioxins and furans in certain refinery wastestreams.

Date Published: 10/6/1989

Interim Strategy for the Regulation of Pulp and Paper Mill Dioxin Discharges to the Waters of the United States

Interim strategy for the regulation of pulp and paper mill dioxin discharges.

Date Published: 8/9/1988

Interpretation of Industrial Wastewater Discharge Exclusion from the Definition of Solid Waste

Clarifies that RCRA requirements apply to discharges of leachate into ground water from leaking waste management units, even when the ground water provides a direct hydrologic connection to surface waters of the US.

Date Published: 2/17/1994

Letter from EPA to Joseph A. Dinkel, Water Works Operators' Association of Pennsylvania

Policy of Pennsylvania DER re. Discharge of wastewater from water treatment plants.

Date Published: 3/6/1984

Maximum Daily Discharge Limitations vs. Instantaneous Maximum Limitation

Letter recognizing the distinction between maximum daily discharge limitations and instantaneous maximum limitations.

Date Published: 10/23/1998

Memorandum to Regional Enforcement Division Directors and NPDES State Directors: Variance Applications

Notification that EPA has promulgated regulations implementing section 301(j), 301(c), and 301(g) waivers, and clarification that only EPA can grant these waivers.

Date Published: 9/12/1978

Memorandum: Information on the Misuse of Sodium Dimethyldithiocarbamate

Memo from Michael B. Cook, Director of the Office of Wastewater

Management, alerting users of potential problems that could arise from

the misuse of sodium dimethyldithiocarbamate and associated compounds.

Date Published: 6/2/2002

Model NPDES Permit for Discharges from the Cleanup of Gasoline Released from Underground Storage Tanks

Model permit for technology-based controls on discharges from cleanup operations for gasoline leaks from underground storage tanks.

Date Published: 6/1/1989

Monitoring of Total Hydrocarbons by Sewage Sludge Incinerators

Explains EPA's anticipated actions to measure compliance with the total hydrocarbons requirements for sludge incinerators.

Date Published: 2/17/1994

Moving the NPDES Program to a Watershed Approach

Status report of EPA regional efforts to implement the NPDES Watershed Strategy, and of the various activities conducted by states and EPA regions to foster watershed protection.

Date Published: 10/25/1994

NPDES Discharge Monitoring Report (DMR) Form

Form used by NPDES storm water permittees to submit analytical monitoring results to the appropriate NPDES permitting authority.

Date Published: Unknown

NPDES Form 2C Application

Application for permit to discharge wastewater - existing manufacturing, commercial, mining and silvicultural operations (Revisions proposed for Form 2C have been discontinued.)

Date Published: 8/1/1990

NPDES Form 2D Application

Application for permit to discharge process wastewater - new sources and new dischargers

Date Published: 8/1/1990

NPDES Form 2E Application

Application for facilities which do not discharge process wastewaters

Date Published: 8/1/1990

NPDES Form 2F Application

Application for permit to discharge storm water associated with industrial activity

Date Published: 1/1/1992

NPDES Industrial Permit Abstracts 1993

Tool for permit writers to use in drafting technically and legally substantiated permit conditions. Sixth edition.

Date Published: 10/1/1993

NPDES Permit Issuance For Iron and Steel Facilities

Methods for the issuance of permits for the iron and steel industry.

Date Published: 9/15/1980

NPDES Permit Issuance for Pulp and Paper Facilities with BCT Limitations to Other Facilities

Memorandum discussing the position EPA has taken on the regulation of the Pulp and Paper Industrial Point Source Category, to examine methods for issuance of permits to facilities in that category and the issuance of permits with BCT limitations to secondary categories other than the pulp and paper.

Date Published: 2/15/1981

NPDES Permit Writer's Manual

The NPDES Permit Writers' Manual is principally designed to help permit writers prepare legally defensible and enforceable NPDES permits. Its purpose is to serve as a useful resource in providing the technical and legal considerations which support the development of NPDES permits. However, the manual is also intended to serve as a resource for others, including stakeholders and the regulated community, interested in the NPDES permitting process. (EPA 833-B-96-003)

Date Published: 12/1/1996

NPDES Permit Writers Guide on Data Quality Objectives

Process that should be followed for establishing Data Quality Objectives.

Date Published: 12/3/1990

NPDES Permits in Wetlands Areas

Information on the guidance concerning the creation of a sanitary landfill in a wetland.

Date Published: 7/11/1977

NPDES Permitting Process for Oil and Gas Activities on the Outer Continental Shelf

Guidance on the NPDES permitting process and general permitting strategy for offshore oil and gas activities, prepared under the Memorandum of Understanding between EPA and the Minerals Management Service of the Department of the Interior.

Date Published: 6/18/1985

NPDES Permitting Strategy for OCPSF Industry Direct Dischargers

National strategy calling for expeditious reissuance of NPDES permits for organic chemical facilities, in order that the new effluent guidelines can quickly become implemented.

Date Published: 2/16/1989

National Menu of Best Management Practices for NPDES Storm Water Phase II

The Menu of BMPs contains 112 fact sheets that describe BMPs that can be used to fulfill the 6 minimum measures described in the Storm Water Phase II Rule (public education and outreach on storm water impacts; public involvement/participation; illicit discharge detection and elimination; construction site storm water runoff control; post-construction storm water management in new development and redevelopment; and pollution prevention/good housekeeping for municipal operations). The purpose of the Menu of BMPs is to provide a list from which regulated small MS4s can select as they submit a notice of intent (NOI) to be covered by a general permit and also by states, the construction industry, and other stakeholders. Each fact sheet contains cost and effectiveness data, applicability, siting and design considerations, benefits, and limitations as well as case studies and resources for further information.

Date Published: 10/27/2000

National Trends Charts for Individual NPDES Permits - Facility trends for major facilities

Authorized facility trend chart for major facilities

Date Published: Unknown

New NPDES Non-Municipal Permit Rating System

Memorandum which discusses the implementation of the new system for rating dischargers as major/minor for purposes of aiding the administration of the NPDES program.

Date Published: 6/27/1990

New Regulations Governing the Discharge of Toxic and Hazardous Pollutants to POTWs

Permitting and compliance monitoring & enforcement implementation activities. Note: This memorandum was superseded by promulgation of the Centralized Waste Treatment regulations of 40 CFR 437 on December 22, 2000.

Date Published: 12/17/1990

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity

Application form for construction general permit (CGP) where EPA is the NPDES permitting authority. Note: Even though this publication is a PDF file, this document allows the user to type directly onto the form while open in the Adobe Acrobat Reader. Users can enter their facility information on the form, print it off, and mail it to the Storm Water NOI Center.

Date Published: Unknown

Notice of Intent (NOI) for Storm Water Discharges Associated with Industrial Activity Under the Multi-sector NPDES General Permit

Submission of a Notice of Intent (NOI) constitutes notice that the entity intends to be authorized to discharge pollutants to waters of the United States under EPA's Storm Water Multi-sector General Permit (MSGP). Note: Even though this publication is a PDF file, this document allows the user to type directly onto the form while open in the Adobe Acrobat Reader. Users can enter their facility information on the form, print it off, and mail it to the Storm Water NOI Center.
Date Published: 8/1/2000

OW's Consultation of NPDES Permits for Solid Waste Discharge (MOA with Army)

Memorandum to EPA regions requesting EPA Headquarters involvement in discussions related to discharge of NPDES residuals into wetlands
Date Published: 2/1/1987

Oil and Gas Extraction Construction Activities

This letter from the Office of Water clarifies EPA's position on the applicability of NPDES storm water construction permits to clearing, grading, and excavating at oil and gas extraction sites.
Date Published: 8/1/2001

Oil and Grease Limitations for Petroleum Marketing Terminals

Guidance for drafting NPDES permits for oil and grease limitations in petroleum marketing terminals.
Date Published: 3/18/1974

Opinions on Variances in Second Round NPDES Permits and Other Issues

Guidance on granting variances to BAT requirements.
Date Published: 6/13/1978

Outer Continental Shelf Coordination Committee

Memorandum discussing the roles of the OCS Committee which was formed to provide direction for the many Agency activities related to regulation of the oil and gas industry on the Outer Continental Shelf.
Date Published: 6/6/1981

POTW Contract Operations

Memo discussing the potential liability of private operators of POTWs as NPDES copermittees.
Date Published: 10/28/1988

PRELIM Version 4.0 User's Guide

User's guide for an EPA computer program that calculates local discharge limitation.
Date Published: 5/1/1991

Package Plants

EPA 832-F-00-016
Date Published: 9/1/2000

Permit Writer's Guide to Water Quality-Based Permitting for Toxic Pollutants

Step-wise procedures for use by NPDES permit writers faced with issuing water quality-based permits for toxic pollutants.
Date Published: 7/1/1987

Permitting Guidance for Semiconductor Manufacturing Facilities

Guidance document providing an overview of the semiconductor manufacturing process, a discussion of the overlap between Parts 469 and 433, and examining new and emerging manufacturing technologies and how these processes fit into the regulatory framework of Parts 469 and 433.
Date Published: 4/21/1998

Pesticide Chemicals Category, Formulating, Packaging and Repackaging Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards; Supplemental Notice

EPA is publishing this Supplemental Notice to obtain public comment on two topics for which comments were received on the proposed rulemaking (59 FR 17850, April 14, 1994) for the Pesticides Formulating, Packaging and Repackaging (PFPR) Industry.
Date Published: Unknown

Phase II Iron Steel Effluent Guidelines Mahoning River Valley

Information on EPA announcement and decision to exempt steel-making facilities in Mahoning River Valley region of Ohio from nationwide BPT effluent limitations.
Date Published: 10/4/1976

Plan for Resolution of Fundamentally Different Factors and Section 301(g) Variance Requests

Memo outlining the plan to resolve FDFs and 301(g) variances
Date Published: 9/25/1987

Policies for Reissuing Industrial NPDES Permits

Policies and guidance on industrial NPDES permits.
Date Published: 7/12/1978

Policy Regarding Procedures for FDF BPT Variances

Outlines interim procedures for processing FDF variances, until such time regulations are promulgated. [Note: Procedures became superseded by promulgation of the regulations on June 7, 1979, and subsequent revisions to EPA's delegation of signature author
Date Published: 8/17/1977

Policy Regarding the Inclusion in Permits of Effluent Parameters More Stringent Than or Additional to Those Based on Secondary Treatment or Effluent Guidelines

Information on the secondary treatment standard (municipal dischargers) and effluent guidelines (non-municipal dischargers).
Date Published: 10/13/1977

Policy Statement on Scope of Discharge Authorization and Shield Associated with NPDES Permits

EPA's position on the scope of the authorization to discharge under an NPDES permit and the shield thus associated with the permit authorization.
Date Published: 7/1/1994

Predicting Soil Erosion by Water: A Guide to Conservation Planning with the Revised Universal Soil Loss Equation (RUSLE)

Contains information on the R factor.
Date Published: Unknown

Preliminary Report USEPA Bench Scale Wastewater Treatability Study Pulp and Paper Mill Discharges of 2378-TCDD and 2378-TCDF

Proposed Interim Control Measures Interim NPDES Permit Strategy: Wastewater discharges of 2378-TCDD and 2378-TCDF from pulp and paper mills.
Date Published: 10/1/1988

Procedures for Processing Fundamentally Different Factor Variances

Questions have recently been raised concerning the procedures for processing fundamentally different factors (FDF) variances. The NPDES regulations at 40 CFR 124.62-124.63 contain the procedures for processing variances. A copy of these provisions is attached.
Date Published: 6/1/1983

Project Regarding Procedures for Fundamentally Different Factor BPT Variances

Information regarding the fundamentally different factors (FDR) variance request during the past year.
Date Published: 8/18/1977

Proposed MSGP-2000 (65 FR 17010, March 30, 2000)

EPA Regions 1, 2, 3, 4, 6, 8, 9, and 10 proposed to reissue EPA's NPDES storm water multi-sector general permit (MSGP) for industrial activities. This general permit was first issued on September 29, 1995 (60 FR 50804), and amended on February 9, 1996 (61 FR 5248), February 20, 1996 (61 FR 6412), September 24, 1996 (61 FR 50020), August 7, 1998 (63 FR 42534) and September 30, 1998 (63 R 52430). This proposed MSGP was revised and issued as a final permit on October 30, 2000.
Date Published: 3/30/2000

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.
Date Published: 6/1/2001

Questions Regarding the Policy and Procedures for Enforcement Compliance Schedule Letters,

Information on the June 3, 1976 issue with the enforcement actions against municipal and industrial dischargers failing to meet the July 1, 1977 statutory deadlines and procedures for issuing enforcement Compliance Schedule Letters (ECSL's).
Date Published: 12/10/1976

Questions and Answers Regarding OCPSF Effluent Limitations Guidelines

Memorandum providing frequently asked questions and answers related to the new effluent guideline for organic chemical plants.
Date Published: 10/12/1988

Recent Concerns about USGS Data for Selected Metals

Use of data for establishing NPDES permit limits.
Date Published: 1/2/1992

Region 2 Trends Charts for Individual NPDES Permits for All Facilities

Region 2 regional trend chart for all facilities
Date Published: Unknown

Region 4 Trends Charts for Individual NPDES Permits for All Facilities

Region 4 regional trend chart for all facilities
Date Published: Unknown

Region 6 Final General Permit for Produced Water and Produced Sand Discharges

Permit from the Oil and Gas Extraction Point Source Category to Coastal Waters in Louisiana and Texas
Date Published: 1/9/1995

Regional Responsibility for EPA Review of State SMCRA Programs on Request of the Office of Surface Mining

Describes EPA review of state SMCRA program amendments and new program submissions.
Date Published: 2/4/1992

Reissuance of the NPDES General Permit for Storm Water Discharges from Construction Activities - the National Construction General Permit (CGP)

General permit for storm water discharges from construction activities disturbing 5 acres or greater under the phase I NPDES storm water program. Parts 1-4 of 63 FR 7858, February 17, 1998 for Regions 1, 2, 3, 5, 7, 8, 9, and 10 where EPA is the permitting authority.

Date Published: 2/17/1998

Reissuing NPDES Permits to Sources Affected by the NRDC Consent Agreement

Guidance on reissuing permits.
Date Published: 5/16/1978

Release of Dioxin Treatability Study and Interim Control Measures for Regulating Dioxin Discharges from Pulp and Paper Mills

Transmits preliminary reports that present results of EPA's bench scale wastewater treatability study in pulp and paper mill wastewaters.

Date Published: 10/20/1988

Remand of the OCPSE Effluent Limitations Guidelines for Bis (2-Chloroisopropyl) ether

Memorandum announcing that due to a partial remand on the organic chemicals effluent guideline, permit writers need to use their best professional judgement for writing permit limits for bis (2-chloroisopropyl) ether.

Date Published: 11/30/1988

Representative Sampling in NPDES Permits

Expresses importance of clear expressions of monitoring locations in NPDES permits, and offering recommended permit language for such.

Date Published: 5/6/1983

Results of Significant Noncompliance (SNC) Study

Significant noncompliance study and enforcement of EPA regulations.

Date Published: 8/25/1993

SWPPP Checklist for Construction General Permits

SWPPP Checklist for Construction General Permits
Date Published: Unknown

Section 301(g) Variance Requests

Guidance for handling 301(g) variance requests.
Date Published: 5/17/1983

Section 316(b) Flow Diagram of Draft Regulatory Framework Assessment of Potential Impacts from Impingement

Section 316(b) Flow Diagram of Draft Regulatory Framework Assessment of Potential Impacts from Impingement

Date Published: Unknown

Section 316(b) of the FWPCA (CWA)

Technology of cooling water intake structures.
Date Published: 2/14/1975

Sewage Disposal from Trains

Clarifies that sewage disposal from trains is best addressed by the Rail Passenger Service Act, and not the Clean Water Act.

Date Published: 11/8/1988

State Regulation on Federal Facilities under the Federal Water Pollution Control Act Amendments of 1977 (Clean Water Act) Policy Guidance Memorandum

Information on the recent amendments to the FWPCA.
Date Published: 3/10/1978

Statutory Deadlines for Compliance by Publicly Owned Treatment Works under the Clean Water Act

Memo regarding statutory deadlines affected by the amendments to the CWA

Date Published: 3/4/1983

Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices

Manual provides detailed guidance on the development of storm water pollution prevention plans (SWPPP) and identification of best management practices (BMPs) for construction activities. It provides technical assistance and support for all construction activities subject to pollution prevention requirements established under NPDES permits for storm water point source discharges. It includes a set of worksheets, a checklist, and a sample SWPPP (EPA 832-R-92-005).

Date Published: 9/1/1992

Storm Water Phase II Federal Advisory Subcommittee Members

Contact list consists of members, alternates, and affiliate contacts.

Date Published: Unknown

Storm Water Program for Regulated Small MS4s: Unincorporated Towns/Townships in Urbanized Areas

Date Published: 7/11/2000

Storm Water Technology Fact Sheet: Airplane Deicing Fluid Recovery Systems

EPA 832-F-99-043

Date Published: 9/1/1999

Strategy for the Regulation of Discharges of PHDDs and PHDFs from Pulp and Paper Mills to Waters of the United States

Strategy for writing permit limits to control dioxins and furans discharged from pulp and paper mills. Updates the August 9, 1988 interim strategy.

Date Published: 5/21/1990

Summary of Comments on the April 1996 Draft and EPA's Responses

Commenters are identified. Comments are summarized or paraphrased. EPA's response, including an indication whether changes were made to the framework, is provided in bold-face type.

Date Published: 9/1/1997

Summary of Participant Feedback, Section 316(B) Public Meeting - June 29, 1998

Summary of public meeting held on June 29, 1998

Date Published: Unknown

Summary of Participant Feedback, Section 316(B) Public Meeting - September 10-11, 1998

Summary of public meeting held on September 10, 1998.

Date Published: Unknown

Suspension of Portion of Definition of "Waters of the United States" in Consolidated Permit Regulations - Action Memorandum

Suspending a provision of the Consolidated Permit Regulations.

Date Published: 7/15/1980

Technical Guidance Manual for the Regulations Promulgated Pursuant to Section 301(g) of the Clean Water Act of 1977 and 40 CFR Part 125 (Subpart F)

Guidance to EPA Regions and states on how to conduct the technical analysis required in support of Section 301(g) variances to effluent guidelines. Assistance for applicants in developing best available technology economically achievable (BAT) effluent limitations for non-conventional pollutants (CWA s.301(g)).

Date Published: 8/22/1984

Transcript: Section 316(b) Public Meeting, Friday, September 11, 1998 Alexandria, Virginia

Transcript of public meeting held on Sept 10-11, 1998 (Day 2)

Date Published: Unknown

Transcript: Section 316(b) Public Meeting, Monday, June 29, 1998

Transcript of public meeting held on June 29, 1998

Date Published: Unknown

Transcript: Section 316(b) Public Meeting, Thursday, September 10, 1998 Alexandria, Virginia

Transcript of public meeting held on Sept 10-11, 1998 (Day 1)

Date Published: Unknown

Treatability Manual, Volume I - Treatability Data

Preface and Acknowledgements for the Treatability Manual. Series of EPA guidance manuals on the treatability of priority pollutants. Guidance is often used by permit writers when establishing permit limits using best professional judgement. Vol.1 (EPA 800/8-80-042A; ERIC W754; NTIS PB80-223050), Vol.2 (EPA 800/

Date Published: 6/23/1980

U.S. EPA's Hardrock Mining Framework

The framework has been developed to help the USEPA implement a multi-media, multi-statute approach to dealing with the environmental concerns posed by hardrock mining. It focuses on understanding and improving the use of existing EPA authorities while recognizing the role of other parties.

Date Published: 9/1/1997

Use of Biomonitoring in the NPDES Permit Program

Legal memorandum explaining that EPA has the authority to require biomonitoring and establish non-effluent guideline limitations for toxics in NPDES permits.

Date Published: 1/11/1979

Use of Closed Cycle Cooling Systems to meet the Requirements of Section 316(b)

Legal memorandum stating that EPA cannot require closed cycle cooling systems (e.g., cooling towers) at powerplants, but can specify intake capacity restrictions that might lead to installation of cooling towers.

Date Published: 2/26/1975

Use of Low Flow Augmentation by Point Sources to Meet Water Quality Standards

EPA's policy discouraging use of flow augmentation as an alternative to treatment for meeting water quality standards.

Date Published: 11/8/1976

Utility Manholes and Vaults as "Point Sources"

Letter to Senator Reid on whether utility manholes and vaults are point sources of pollution under the CWA.

Date Published: 9/4/1997

Wastewater Technology Fact Sheet: Chemical Precipitation

EPA 832-F-00-018

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Dechlorination

EPA 832-F-00-022

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Granular Activated Carbon Absorbption & Regeneration

EPA 832-F-00-017

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Intermittent Sand Filters

EPA 932-F-99-067

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Ozone Disinfection

EPA 832-F-99-063

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Ultraviolet Disinfection

EPA 832-F-99-064

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Wetlands: Subsurface Flow

A subsurface flow (SF) wetland is specifically designed for the treatment or polishing of some type of wastewater and are typically constructed as a bed or channel

containing appropriate media (EPA 832-F-00-023).

Date Published: 9/1/2000

Water Treatment Plant Limitations

EPA has reviewed a proposed regional policy on industrial and municipal water treatment plant permit limitations.

Date Published: 4/13/1977

Waters of the United States Determination For a Proposed Cooling Pond Site in Polk County, Florida

Proposed cooling pond site in Polk County, Florida.

Provides guidance on whether a cooling pond is considered as a water of the US under the NPDES permit program.

Date Published: 12/13/1993

Whole-Effluent Toxicity Sample Permitting and Enforcement Guidance

Efforts of an EPA/State workgroup composed of permitting, enforcement and legal counsel representatives in support of whole-effluent toxicity permitting and enforcement. Guidance for improving consistency in whole effluent toxicity limits in NPDES permits by providing sample permit language.

Date Published: 2/2/1989

Writing NPDES BAT Permits in the Absence of Promulgated Effluent Guidelines

Expresses need to reissue NPDES permits implementing BAT although effluent guidelines have not been developed, and initial guidance on how to write such permits using best professional judgement.

Date Published: 6/25/1980

Municipal Permitting Publications

A Plain English Guide to the EPA Part 503 Biosolids Rule

Clarification of Part 503 rules. This guidance document is not a substitute for the actual rule, but is intended as a helpful tool for interpretation and implementation of the rule.

Date Published: 9/1/1994

ASIWPCA Membership Survey - Status Report

Status report presented at May 1996 SSO Subcommittee Meeting. (Handout at meeting inserted in Tab 12 of briefing book.)

Date Published: 5/1/1996

Additional Questions on Enforcement Compliance Schedule Letters

Response to transmitting "Additional Suggested Questions on Enforcement Compliance Schedule Letters." Further clarification on the use of enforcement compliance schedule letters.

Date Published: 4/1/1977

Alternative in Permit Language

Provides permit language for the definitions of the daily maximum and daily average permit limits.

Date Published: 12/27/1973

Applicability of Categorical Pretreatment Standards to Industrial Users of Non-Discharging POTWs

Guidance clarifying that industrial users discharging to POTWs that do not discharge are still subject to national categorical pretreatment standards.

Date Published: 6/27/1985

Applicability of General Permits to New Sources

Procedures to be followed if a general permit is to cover new sources. General permits can include new sources, but only after NEPA requirements are fulfilled.

Date Published: 12/21/1982

Applicability of Section 301(h) and (i) Modifications to Federal Facilities

Legal opinions on the status of federal facilities under the Clean Water Act.

Date Published: 9/12/1978

Applicability of pH Waivers to Pretreatment Standards

Letter addressing how waivers to pH requirements might be approvable under the pretreatment program.

Date Published: 5/13/1993

Application of RCRA Corrective Action Requirements to POTWs

This memorandum outlines the applicability of RCRA to POTWs and contains a model letter, to be sent to POTWs, requiring them to notify EPA whether RCRA "hazardous waste" is received by the POTW.

Date Published: 9/11/1986

Article by the Texas Water Commission on Slug Discharge Control Plans

Letter with enclosed article on slug discharges submitted for Pretreatment Bulletin

Date Published: 4/18/1995

Asbestos Limits in NPDES Permits

Suggested approach for including permit limits for asbestos.

Date Published: 10/15/1976

Assistance Dispute of Lexington-Fayette Urban County Government, Kentucky

Review of a decision that denied Lexington-Fayette Urban County's request for EPA funding of modifications to the existing wastewater treatment facilities.

Date Published: 3/30/1995

Attachment 2 Form for Identifying POTWs.

Date Published: Unknown

Availability of State and Regional Toxics Control Strategies

Index of state and regional toxics control strategies.

Date Published: 2/22/1988

Baseline Monitoring Reports

Draft guidance to permit authorities on how to review baseline monitoring reports submitted by local pretreatment authorities.

Date Published: 7/21/1983

Belt Filter Press

EPA 832-F-00-057

Date Published: 9/1/2000

Best Management Practices (BMPs) in NPDES Permits-Informational Memorandum

Summary of information and sample permit language for including best management practices in NPDES permits.

Date Published: 9/30/1987

Biosolids Recycling: Beneficial Technology for a Better Environment

This booklet is written to provide an understanding of the great value that can be derived from the beneficial use of biosolids. In addition, it discusses and reaffirms the US EPA's policy that encourages the beneficial use of biosolids.

Date Published: 6/1/1994

Biosolids are a Natural Fertilizer

Discussion of the public's negative view of biosolids and why biosolids can be used in agriculture.

Date Published: Unknown

Brochure: Benefits of Protecting Your Community From Sanitary Sewer Overflows

Full color brochure describing SSOs and the impacts of overflows to communities

Date Published: 6/1/2000

CERCLA Reporting Requirements for Releases of Ethylene Glycol from Airplane De-icing Operations

Expresses EPA's position on the applicability of the federally permitted release exemption and the continuous release reporting regulation to releases of ethylene glycol from airplane de-icing operations.

Date Published: 2/4/1992

Capacity, management, operation and maintenance (CMOM)

SSO FAC's consensus recommendations on CMOM requirements.

Date Published: Unknown

Clarification of Sampling Procedures for the VOA Fraction

The Permits Division has received several inquiries about sampling procedures when data on volatile organic (VOA) toxic pollutants are required.

Date Published: 7/31/1985

Clarifications Regarding Certain Aspects of EPA's Surface Water Toxics Control Regulations

Clarifications of EPA regulations relating to s.304(1) and water quality-based effluent limitations.

Date Published: 8/14/1992

Clarifications Regarding Toxicity Reduction and Identification Evaluations in the National Pollutant Discharge Elimination System Program

EPA document developed by the Office of Wastewater Management/Water Permits Division to provide additional clarification on conducting toxicity reduction evaluations and toxicity identification evaluations with respect to whole effluent toxicity (WET) testing. The document clarifies for National Pollutant Discharge Elimination System (NPDES) permit writers and permittees a number of common issues such as: when and under what circumstances a permittee should conduct a TRE and/or a TIE; technical limitations on the TIE process; consideration of persistence and magnitude of toxicity events; ionic imbalances of effluents; the applicability of compliance schedules; and inconclusive TREs/TIEs. The document supplements existing EPA guidance and policies on WET and TREs/TIEs but does not change current policy or legal authority.

Date Published: 3/27/2001

Combined Sewer Overflow Technology Fact Sheet: Chlorine Disinfection

EPA 832-F-99-034

Date Published: 9/1/1999

Combined Sewer Overflows Guidance For Funding Options

Plain-English description of a broad spectrum of options that may be available to fund the capital, debt service, and operational costs of CSO controls. Describes the benefits and limitations of various options (EPA 832-B-95-007).

Date Published: 8/1/1995

Combined Sewer Overflows Guidance For Long-Term Control Plan

Describes how municipalities can develop comprehensive long-term control plans that recognize the site-specific nature of CSOs and their impacts on receiving water bodies. The document describes how to develop a long-term control plan that includes technology-based and water quality-based control measures that are technically feasible, affordable, and consistent with the CSO Control Policy (EPA 832-B-95-002).

Date Published: 9/1/1995

Combined Sewer Overflows Guidance For Monitoring and Modeling

Provides guidelines for the use of monitoring and modeling in the development and implementation of a CSO control program. The document provides information on characterizing a combined sewer system, assessing the impact of wet weather on CSO discharges, and assessing the impact of CSOs on receiving water bodies. It focuses on the characterization process described in the CSO Policy and refers to other literature for more in-depth explanations of specific techniques (EPA 832-B-99-002).

Date Published: 1/1/1999

Combined Sewer Overflows Guidance For Permit Writers

Intended primarily for NPDES permitting authorities and permit writers, describes how to develop and issue NPDES permits with CSO conditions that reflect the CSO Policy. It provides example permit language and stresses the need for coordination between permittees, permit writers, water quality standards authorities, enforcement authorities, and the public (EPA 832-B-95-008).

Date Published: 8/1/1995

Combined Sewer Overflows Guidance for Nine Minimum Control Measures

Provides information on nine minimum technology-based controls that communities are expected to use to address CSO problems, without extensive engineering studies or significant construction costs, before long-term measures are taken. Communities are expected to implement the nine minimum controls and submit documentation no later than January 1, 1997 (EPA 832-B-95-003).

Date Published: 5/1/1995

Combined Sewer Overflows Screening and Ranking Guidance

An informal tool to help permitting authorities establish CSO permitting priorities. It may also help permittees rank their CSOs in order to best allocate their limited resources (EPA 832-B-95-004)

Date Published: 8/1/1995

Construction Grants - 1985 Municipal Wastewater Treatment

A guide for grant applicants and grantees that describes the construction and grant program requirements.

Date Published: 7/1/1984

Construction Grants Program for Municipal Wastewater Treatment Works Handbook of Procedures

This Handbook of Procedures identifies and explains the many procedures to be followed by project reviewers and other personnel in state agencies and EPA Regional Offices who are responsible for the conduct of the construction grants program. It is intended to serve as a guide in processing grant applications for Step 2+3 and Step 3 projects as of October 1, 1984. A companion document, "Construction Grants 1985" (CG-85), has been written for potential grant applicants and grantees.

Date Published: 10/1/1984

Construction Site Stormwater Discharge Control: An Inventory of Current Practices

Information to assist municipalities in preparing the storm water management and sediment and erosion control program portions of their NPDES storm water permit application.

Date Published: 6/1/1991

Control Authority Pretreatment Audit Checklist and Instructions

Guidance on pretreatment program elements that should be investigated during a pretreatment audit. Instructions on conducting an audit to assess the Control Authority's program as a whole.

Date Published: 5/1/1992

Control of Slug Loadings to POTWs: Guidance Manual

Guidance on measures to prevent slug loadings from indirect users of sewer systems from impairing treatment by POTWs. [see also Sept. 88]

Date Published: 2/1/1991

Coordination Between Regional Enforcement and Water Programs Personnel in Implementing the National Pretreatment Program

Outlines the roles of permits and enforcement, and construction grants programs, in supporting the development of local POTW pretreatment programs.

Date Published: 11/29/1978

Costs Incurred After Contract Completion Date

Guidance on allowable costs in contract.

Date Published: 10/1/1990

Decentralized Systems Technology Fact Sheet: Aerobic Treatment

EPA 832-F-00-031

Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet:
Evapotranspiration**
EPA 832-F-00-033
Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet: Low
Pressure Pipe Systems**
EPA 832-F-99-076
Date Published: 9/1/1999

**Decentralized Systems Technology Fact Sheet:
Mound Systems**
EPA 832-F 99-074
Date Published: 9/1/1999

**Decentralized Systems Technology Fact Sheet:
Septage Treatment/Disposal**
EPA 832-F-99-068
Date Published: 9/1/1999

**Decentralized Systems Technology Fact Sheet:
Septic System Tank**
EPA 832-F-00-040
Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet:
Septic Tank Leaching Chamber**
EPA 832-F-00-044
Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet:
Septic Tank Systems for Large Flow Application**
EPA 832-F-00-079
Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet:
Septic Tank-Soil Absorption Systems**
EPA 932-F-99-075
Date Published: 9/1/1999

**Decentralized Systems Technology Fact Sheet:
Small Diameter Gravity Sewer**
EPA 832-F-00-038
Date Published: 9/1/2000

**Decentralized Systems Technology Fact Sheet:
Types of Filters**

EPA 832-F-00-034. The primary purpose of improving the quality of the effluent from a septic tank system is to provide a cleaner effluent and in some cases, to improve treatment to address local environmental conditions. This may be necessary due to site constraints, regulations, or other limiting factors. Sand filters in various configurations are one of many traditional technologies applied to decentralized systems. These filters are located at the effluent side of the septic tank in order to remove solids.
Date Published: 9/1/2000

**Delegation (to the regions) of Updates to
Major/Minor Lists**

Memorandum which establishes the delegation of determinations of major/minor status for both municipal and non-municipal NPDES dischargers to the Regions
Date Published: 2/6/1995

**Deletions of Local Pretreatment Program
Development Requirements**

Memo regarding decrease in number of POTWs in early stages of pretreatment program. Summary of the regulatory criteria for requiring establishment of a local pretreatment program and the circumstances in which such a requirement may be dropped. [Note: Memorandum supersedes guidance from April 1, 1985.]
Date Published: 8/5/1985

**Discharge Monitoring Report (DMR) Form
Instructions**

Discharge Monitoring Report (DMR) Form Instructions
Date Published: Unknown

**Discharge of Wastewater from CERCLA Sites into
POTWs**

Memorandum expressing concerns about POTWs receiving wastes from CERCLA sites.
Date Published: 2/3/1998

Disposal of Supply Water Treatment Sludges

Information on the NPDES standards permit language containing a prohibition on the return of supply water treatment sludges to the receiving water.
Date Published: 9/13/1974

**Draft Interim Guidance on Implementation of
Section 402(o) Antibacksliding Rules for Water
Quality-Based Permits**

Interim guidance on interpreting Clean Water Act section 402(o) for water quality based effluent limits, and clarifying that the January 4, 1989, regulation interprets the Act for technology based effluent limits.
Date Published: 9/29/1989

EPA Domestic Septage Regulatory Guidance

Date Published: Unknown

EPA Model Pretreatment Ordinance

Guidance on municipal ordinances to implement and enforce a pretreatment program consistent with the Clean Water Act requirements.

Date Published: 6/1/1992

EPA OWM Pretreatment Bulletin #01 September 1985

Bulletin/newsletter for OWM topics

Date Published: 9/3/1985

EPA Procedures for Review and Approval of State Pretreatment Program Submissions

Memo regarding EPA approval of state pretreatment program plans.

Date Published: 4/30/1979

Effluent Trading in Watersheds

Policy statement communicating EPA policy on effluent trading.

Date Published: 1/1/1996

Eligibility for Variances under Section 301(i)(1) of the CWA

Legal opinion on issues related to the eligibility of publicly owned treatment works for compliance extensions under Section 301(i)(1) of the Clean Water Act.

Date Published: 4/11/1984

Enforcement Actions Against a Municipal Discharger who Fails to Meet the July 1, 1977 Statutory Deadline for Achieving Secondary Treatment

Describes how EPA will enforce the July 1, 1977 deadline for compliance with secondary treatment.

Date Published: 6/3/1976

Enforcement Policy and the Use of Enforcement Compliance Schedule Letters (ECSLs) for Publicly Owned Treatment Works (POTWs)

Information on the EPA municipal dischargers. Clarifies that enforcement compliance schedule letters are only applicable to certain POTWs.

Date Published: 6/22/1977

Environmental Management Systems

This Guide is intended to support and facilitate the development of environmental management systems (EMS) among small and medium-sized organizations. The Guide explains how you can develop and implement an effective EMS and how it can support your organization's mission and goals. Development of an EMS is a voluntary approach to improving your organization's environmental performance.

The final report on NSF International's EMS Demonstration Project summarizes the EMS implementation experiences of 18 organizations of a variety of types and sizes. The project, which used the ISO 14001 Standard as the model for an EMS, was funded through a two-year grant from EPA's Office of Wastewater Management (October 1994 - September 1996).

Date Published: 11/1/1996

Environmental Regulations and Technology: The National Pretreatment Program

This document explains the need for the National Pretreatment Program; describes federal, state, and local roles in the program's implementation; and explores the program's future.

Date Published: 7/1/1986

Example Language for Modifying NPDES Permits for Pretreatment Approval

Guidance to permit authorities on what language to include in NPDES permits to require a POTW to administer a pretreatment program.

Date Published: 9/22/1983

Expediting Achievement of Water Quality Improvements by 301(h) Applicants

Required actions to expedite compliance with the Clean Water Act.

Date Published: 10/29/1984

Fecal Coliform Bacteria Limits

This guidance is intended to simplify the procedure for assigning effluent limitations for indicator organisms so that a transition from effluent based to water quality based requirements will be both efficient and effective.

Date Published: 2/14/1977

Final Manual in Response to PIRT Recommendation for Guidance on Notification of Solid Waste Disposal Obligations

Assistance in understanding responsibilities under RCRA, intended for POTW personnel and local industries served by a POTW

Date Published: 9/11/1985

Final Report: The US EPA Environmental Management System Pilot Program for Local Government Entities

In May 1997, the US Environmental Protection Agency's Office of Wastewater Management and Office of Compliance launched a unique pilot program to test the value of an Environmental Management System (EMS) for improving environmental performance and compliance in local government entities. The information in the report is the findings and experiences of the nine participants from the first local government EMS implementation project.

Date Published: 1/28/2000

Final Watershed Protection Framework Document

Memorandum explaining the Office of Water approach for implementing a watershed approach.

Date Published: 10/28/1991

Force Main Sewers

EPA 832-F-00-071

Date Published: 9/1/2000

Form 1 General Information - Consolidated Permits Program

General Information (must be submitted by all facilities applying for an individual NPDES permit, with the exception of MS4s)

Date Published: 8/1/1990

Free Water Surface Wetlands

EPA 832-F-00-024

Date Published: 9/1/2000

Guidance Manual For the Preparation of Part 2 of the NPDES Permit Applications for Discharges from Municipal Separate Storm Sewer Systems

Technical assistance and support for all municipal separate storm sewer systems subject to NPDES program regulations for storm water point source discharges.

Date Published: 11/1/1992

Guidance Manual for Conducting RCRA Facility Assessments at Publicly Owned Treatment Works

Guidance to EPA regions and states on how to conduct a RCRA facility assessment at POTWs that receive hazardous waste by truck, rail, or dedicated pipe.

Date Published: 9/1/1987

Guidance Manual for Developing Best Management Practices (BMP)

Guidance for NPDES permittees in the development of BMPs for their facilities to prevent release of toxic and hazardous chemicals (EPA 833-B-93-004).

Date Published: 10/1/1993

Guidance Manual for Implementing Municipal Storm Water Management Programs-Volume I-Planning and Administration

A comprehensive manual intended to provide practical guidance for municipalities on how to best implement their storm water management programs.

Date Published: 2/10/1998

Guidance Manual for POTW Pretreatment Program Development

Guidance to POTWs for developing an approvable pretreatment program. Guidance delineates what data and information the POTW must submit to EPA or the authorized state program.

Date Published: 10/1/1983

Guidance Manual for Preparation and Review of Removal Credit Applications

Explanation of final removal credits rule for POTWs in preparation of acceptable removal credits application.

Table of Contents Only

Date Published: 7/1/1985

Guidance Manual for Preventing Interference at POTWs

Aids POTWs in identifying interference episodes caused by discharges, tracking, and mitigating of non-domestic wastes.

Date Published: 9/1/1987

Guidance Manual for Reporting and Evaluating POTW Noncompliance

Guidance to EPA regions and states on criteria for evaluating the principal POTW activities that are essential to fully implement most local pretreatment programs.

Date Published: 4/16/1987

Guidance Manual for the Control of Wastes Hauled to Publicly Owned Treatment Works

This guidance is designed to provide information for smaller POTWs, generally those without pretreatment programs, on how to develop and implement hauled waste controls. The guidance discusses collection of information on waste haulers, characterization of hauled waste received, evaluation of potential impacts, and the development and implementation of controls. The guidance also includes case studies of successful waste hauler programs and example forms.

Date Published: 9/1/1999

Guidance Manual for the Identification of Hazardous Waste Delivered to POTWs by Truck, Rail or Dedicated Pipeline

Guidance to EPA regions and states on how to identify POTWs that receive hazardous wastes by truck, rail, or dedicated pipe, and what requirements to impose on those POTWs.

Date Published: 6/1/1987

Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program

Comprehensive technical guidance for publicly owned treatment works on the development and implementation of sound local limits.

Date Published: 12/1/1987

Guidance To Protect POTW Workers From Toxic And Reactive Gases And Vapors

EPA issued regulations that require POTWs to identify and control potential exposures to substances in industrial wastewater (EPA 812-B-92-001).

Date Published: 6/1/1992

Guidance for 1999 National Wastewater Operations and Maintenance (O&M) Excellence Awards Program

Office of Wastewater Management's (OWM) nomination guidance for the EPA 1999 Operations and Maintenance (O&M) Awards Program.

Date Published: 12/16/1998

Guidance for Developing Control Authority Enforcement Response Plans

This manual provides guidance to Control Authority personnel in developing an enforcement response plan to remedy violations of a local pretreatment program.

Date Published: 9/1/1989

Guidance for Implementing RCRA Permit-by-Rule Requirements at POTWs

Assistance for water management division directors in issuing RCRA permits by rule and in implementing RCRA corrective action requirements at POTWs.

Date Published: 7/21/1987

Guidance for Writing Case-by-Case Permit Requirements for Municipal Sewage Sludge

Addresses measures necessary to prevent harmful sludge use or disposal practices. Foreword only.

Date Published: 9/1/1988

Guidance for Writing Permits for the Use or Disposal of Sewage Sludge

Draft version.

Date Published: 3/1/1993

Guidance on Advance Concurrence of the Assistant Administrator for Water on Selected Section 301(g) and Fundamentally Different Factors Variance Decisions under the Clean Water Act

Guidance to EPA regions on how to determine in advance if concurrence is necessary for making decisions on variances from effluent guidelines.

Date Published: 4/15/1986

Guidance on Bringing Enforcement Actions Against POTWs for Failure to Implement Pretreatment Programs

Guidance on legal and policy considerations involved in deciding whether and how EPA shall pursue enforcement actions against POTWs that have failed to adequately implement their pretreatment programs.

Date Published: 8/4/1988

Guidance on EPA's NPDES and Sludge Management Permit Procedures on Federal Indian Reservations

Provides guidance on EPA's obligations to issue NPDES and sludge permits to facilities located on Indian reservations.

Date Published: 11/16/1993

Guidance on Preparing Compliance Schedules for Developing POTW Pretreatment Programs

Date Published: 11/29/1978

Guidance on Use of Seasonal Limits in NPDES Permits

Letter outlining EPA's guidance of the appropriate use of NPDES effluent limits that vary with the seasons.

Date Published: 6/20/1996

How Wastewater Treatment Works...The Basics

This fact sheet describes the basic functions of wastewater treatment and the two stages in treatment of wastes -- primary and secondary (EPA 833-F-98-002)

Date Published: 5/1/1998

Implementation of Promulgated Section 307(a) Toxic Standards

Clarifies implementation of newly promulgated toxics standards for aldrin, dieldrin, benzidine, DDT, endrin, toxaphene, and PCBs.

Date Published: 6/1/1977

Implementation of Section 403 of the FWPCA

Information from the National Wildlife Federation on Section 403 of the FWPCA. Clarifies that ocean discharge regulations at 40 CFR 227 no longer apply to discharges to oceans, and that the criteria in CWA section 403(c) must instead be used.

Date Published: 7/20/1977

Implementation of Section 406 of the Water Quality Act of 1987: Sewage Sludge Permitting and State Programs

Clarifies the 1987 amendments to the CWA and the impact to sewage sludge regulation and permitting.
Date Published: 5/21/1987

Implementation of the National Municipal Policy
Expresses EPA's commitment to implementing the National Municipal Policy, which includes schedules of compliance for secondary treatment at POTWs not to exceed July 1, 1988.
Date Published: 7/24/1985

In-Plant Pump Stations
EPA 832-F-00-069
Date Published: 9/1/2000

In-Vessel Composting of Biosolids
EPA 832-F-00-061
Date Published: 9/1/2000

Incorporation of Pretreatment Program Compliance Schedules Into POTW's Permits
Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.
Date Published: 6/5/1980

Incorporation of Pretreatment Program Development Compliance Schedules Into POTW NPDES Permits
Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.
Date Published: 1/28/1980

Industrial User Inspection and Sampling Manual for POTW's
This manual is intended to acquaint POTW personnel with the well-established inspection and wastewater sampling procedures which have been used in the NPDES program for many years. The information presented will guide the POTW inspector by providing a framework for conducting inspections and wastewater sampling.
Date Published: 4/1/1994

Industrial User Permitting Guidance Manual
Guidance for POTWs on the development and issuance of effective permits to industrial users of their sewer systems.
Date Published: 9/1/1989

Interim Guidance for Performance-Based Reductions of NPDES Permit Monitoring Frequencies
Interim guidance to reduce unnecessary pollutant-specific monitoring and reporting in reissued NPDES permits with an excellent compliance and enforcement history. Does not advocate reductions for parameters monitored only once per quarter or for limits below analytical level of quantification (EPA 833-B-96-001).
Date Published: 4/1/1996

Interpretation of Industrial Wastewater Discharge Exclusion from the Definition of Solid Waste
Clarifies that RCRA requirements apply to discharges of leachate into ground water from leaking waste management units, even when the ground water provides a direct hydrologic connection to surface waters of the US.
Date Published: 2/17/1994

Introduction to the National Pretreatment Program
Local pretreatment programs enforce national pretreatment standards and requirements in addition to any more stringent requirements necessary to protect POTWs.
Date Published: 2/1/1999

Land Application of Biosolids
EPA 832-F-00-064
Date Published: 9/1/2000

Letter from EPA to Mary Jo M. Aiello, New Jersey Department of Environmental Protection and Energy
Issues of proposed policy on waivers from pH limits
Date Published: 5/13/1993

Letter to Water Works Operators Association
Letter explaining that NPDES has jurisdiction over discharges from water treatment plants, and explaining that BCT and BPT are the appropriate technological standards for these discharges.
Date Published: 3/16/1984

Liability of Private Operators of POTWs
Solicitation for Comments on options developed to address concerns of private operators of POTWs.
Date Published: 5/13/1988

Lift Station Sewers
EPA 832-F-00-073
Date Published: 9/1/1999

Local Limit Development Worksheet
Spreadsheet to calculate local limits.
Date Published: Unknown

Maximum Daily Discharge Limitations vs. Instantaneous Maximum Limitation

Letter recognizing the distinction between maximum daily discharge limitations and instantaneous maximum limitations.

Date Published: 10/23/1998

Memo from Martha G. Prothro, Permits Division Director, to users of the Guidance Manual for POTW Pretreatment Program Development

Memo describes the amendments to the 1983 Guidance Manual on POTW Pretreatment Program Development and reprinting of the manual.

Date Published: Unknown

Memorandum: Water Quality-Based and Technology-Based CSO Requirements

This memorandum clarifies some questions that have arisen concerning the application of the water quality-based and technology-based requirements of the Clean Water Act to CSOs, particularly where enforcement cases are pending or imminent.

Date Published: 7/7/1999

Monitoring of Total Hydrocarbons by Sewage Sludge Incinerators

Explains EPA's anticipated actions to measure compliance with the total hydrocarbons requirements for sludge incinerators.

Date Published: 2/17/1994

Moving the NPDES Program to a Watershed Approach

Status report of EPA regional efforts to implement the NPDES Watershed Strategy, and of the various activities conducted by states and EPA regions to foster watershed protection.

Date Published: 10/25/1994

Multijurisdictional Pretreatment Programs Guidance Manual

This guidance document is intended to address these multijurisdictional program implementation and enforcement issues and offer some of the options that municipal entities may employ to satisfy federal and state program requirements.

Date Published: 6/1/1994

Municipal Permit Extensions Under Section 301(I)(L) of the Clean Water Act

Establishes a policy to not accept requests for municipal time extensions until final policy guidance and the interim final regulation are issued.

Date Published: 4/19/1978

Municipal Permit Quality Review Procedures Guide

Draft procedures for evaluating the quality of NPDES permits for POTWs.

Date Published: 10/1/1986

Municipal Wastewater Treatment Ponds

Guidance on permitting and enforcement activities related to implementing the new regulation allows municipal wastewater treatment ponds to satisfy secondary treatment requirements.

Date Published: 8/12/1976

NPDES Discharge Monitoring Report (DMR) Form

Form used by NPDES storm water permittees to submit analytical monitoring results to the appropriate NPDES permitting authority.

Date Published: Unknown

NPDES Form 2A Application

Application for permit to discharge municipal wastewater from publicly owned treatment works (POTWs)

Date Published: 1/14/1999

NPDES Form 2S Application

Application for sewage sludge (biosolids) permit for treatment works treating domestic sewage (TWTDS)

Date Published: 1/14/1999

NPDES Permit Writer's Manual

The NPDES Permit Writers' Manual is principally designed to help permit writers prepare legally defensible and enforceable NPDES permits. Its purpose is to serve as a useful resource in providing the technical and legal considerations which support the development of NPDES permits. However, the manual is also intended to serve as a resource for others, including stakeholders and the regulated community, interested in the NPDES permitting process. (EPA 833-B-96-003)

Date Published: 12/1/1996

NPDES Watershed Strategy

Strategy to more closely integrate the NPDES permitting program with watershed protection activities.

Date Published: 3/21/1994

National Approach to Sewage Sludge Implementation

Outline of a sewage sludge management program that responds to statutory mandates.

Date Published: 10/2/1992

National Combined Sewer Overflow Control Strategy

Combined sewer overflow strategy.

Date Published: 8/10/1989

National Municipal Policy & Strategy For Construction Grants, NPDES Permits, and Enforcement Under the Clean Water Act
Policy for assuring POTWs implement secondary treatment as quickly as possible.
Date Published: 10/1/1979

National Pretreatment Program: Report To Congress
Response to Section 519 of the Water Quality Act which requires EPA to study certain elements of the National Pretreatment Program.
Date Published: 7/10/1991

New Regulations Governing the Discharge of Toxic and Hazardous Pollutants to POTWs
Permitting and compliance monitoring & enforcement implementation activities. Note: This memorandum was superseded by promulgation of the Centralized Waste Treatment regulations of 40 CFR 437 on December 22, 2000.
Date Published: 12/17/1990

OW's Consultation of NPDES Permits for Solid Waste Discharge (MOA with Army)
Memorandum to EPA regions requesting EPA Headquarters involvement in discussions related to discharge of NPDES residuals into wetlands
Date Published: 2/1/1987

OWEC State Sewage Sludge Management Program
Office of Wastewater Enforcement and Compliance state sewage sludge management program summary and status.
Date Published: 10/25/1993

Overview of Selected EPA Regulations and Guidance Affecting POTW Management
Summary of some of the regulations and guidances that may apply to publicly owned treatment works operations.
Date Published: 9/1/1989

Oxidation Ditches
EPA 832-F-00-013
Date Published: 9/1/2000

POTW Contract Operations
Memo discussing the potential liability of private operators of POTWs as NPDES copermittees.
Date Published: 10/28/1988

POTW Sludge Sampling and Analysis Guidance Document
Guidance on collecting and analyzing sewage sludge samples to accurately represent sewage sludge quality.
Date Published: 8/1/1989

PRELIM Version 4.0 User's Guide
User's guide for an EPA computer program that calculates local discharge limitation.
Date Published: 5/1/1991

PRELIM Version 4.0: Answers to commonly asked questions regarding EPA's (version 4.0) software
FAQs on PRELIM 4.0 software
Date Published: Unknown

PRELIM Version 5.0 Executable Program: Pretreatment Limitations Model
Latest version of EPA's PRELIM software for POTWs to calculate local discharge limitations for industrial users. Read User's Guide before installing this program.
Date Published: Unknown

PRELIM Version 5.0 User's Guide: Pretreatment Limitations Model
This User's Guide contains instructions for installing and running PRELIM 5 and should be printed and consulted before installing PRELIM 5. The PRELIM 5.0 program is designed to be used in conjunction with EPA's 1987 Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program (hereafter referred to as EPA's local limits guidance manual) in developing technically based local limits for publicly owned treatment works (POTWs).
Date Published: 6/1/1996

Package Plants
EPA 832-F-00-016
Date Published: 9/1/2000

Part 503 Implementation Guidance
Regulation is directly applicable to persons who use or dispose of sewage sludge through 40 CFR Part 503 use or disposal practices and permitting enforcement.
Date Published: 10/1/1995

Permit Implications of Privatization
Memo clarifying the NPDES permit and pretreatment implications of transactions that create private interests in municipal wastewater treatment works (i.e. "privatization").
Date Published: 4/16/1987

Permit Writer's Guide to Water Quality-Based Permitting for Toxic Pollutants

Step-wise procedures for use by NPDES permit writers faced with issuing water quality-based permits for toxic pollutants.

Date Published: 7/1/1987

Phase II Iron Steel Effluent Guidelines Mahoning River Valley

Information on EPA announcement and decision to exempt steel-making facilities in Mahoning River Valley region of Ohio from nationwide BPT effluent limitations.

Date Published: 10/4/1976

Pipe Construction and Materials

EPA 832-F-00-068

Date Published: 9/1/2000

Policy Regarding the Inclusion in Permits of Effluent Parameters More Stringent Than or Additional to Those Based on Secondary Treatment or Effluent Guidelines

Information on the secondary treatment standard (municipal dischargers) and effluent guidelines (non-municipal dischargers).

Date Published: 10/13/1977

Policy Statement on Scope of Discharge Authorization and Shield Associated with NPDES Permits

EPA's position on the scope of the authorization to discharge under an NPDES permit and the shield thus associated with the permit authorization.

Date Published: 7/1/1994

Policy on Municipal Sludge Management

Municipal sludge management.

Date Published: 5/31/1984

Policy on Storage and Releases for Water Quality Control in Reservoirs Planned by Federal Agencies

Policy statement that storage of water for the regulation of streamflow shall not be considered as a substitute for providing adequate treatment. [Note: Policy later incorporated into regulations at 40 CFR 123.3(f).]

Date Published: 1/16/1973

Pretreatment Compliance Monitoring and Enforcement Guidance (for Publicly Owned Treatment Works)

New activities POTWs must undertake to operate their approved pretreatment programs. Table of Contents only

Date Published: 7/25/1986

Pretreatment Documents List

Listing of nearly 100 pretreatment documents, with title and date only

Date Published: Unknown

Pretreatment Economic Benefit Model

Pretreatment Economic Benefit Model

Date Published: Unknown

Pretreatment Implementation Review Task (PIRT) Force: Final Report to the Administrator

Report of the Pretreatment Implementation Review Task Force, including many recommended improvements to the pretreatment program.

Date Published: 1/30/1985

Pretreatment Program Guidance

Procedures for EPA Regions and approved states to review local POTW pretreatment program submissions.

Date Published: 10/5/1983

Pretreatment Program Modifications - Guidance for 40 CFR 403.18

Guidance on the implementation of 40 CFR 403.18 procedures for approving changes to Approved Pretreatment Programs. It provides suggestions on how state and EPA Approval Authorities might reduce the effort necessary to comply with 40 CFR 403.18, especially its public notice requirements.

Date Published: 7/22/1993

Procedures Manual for Reviewing a POTW Pretreatment Program Submission

Guidance to EPA Regions and states on how to review local POTWs pretreatment program submissions.

Date Published: 10/1/1983

Procedures for Revising the Major Permit List

Clarification of requirements for municipal and industrial dischargers.

Date Published: 12/28/1988

Proper Application of Chlorine Criteria to Develop National Pollutant Discharge Elimination System (NPDES) Permit Limitations for Publicly-Owned Treatment Works (POTWs).

Letter explaining the proper application of chlorine criteria to develop National Pollutant Discharge Elimination System (NPDES) permit limitations for publicly-owned treatment works (POTWs).

Date Published: 2/3/1998

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.

Date Published: 6/1/2001

Questions Regarding the Policy and Procedures for Enforcement Compliance Schedule Letters,

Information on the June 3, 1976 issue with the enforcement actions against municipal and industrial dischargers failing to meet the July 1, 1977 statutory deadlines and procedures for issuing enforcement Compliance Schedule Letters (ECSL's).

Date Published: 12/10/1976

RCRA Information on Hazardous Wastes for Publicly Owned Treatment Works

This manual provides guidance to municipal personnel in understanding hazardous waste requirements of the Resource Conservation and Recovery Act (RCRA) and the implications of these RCRA requirements for the wastewater treatment plant operated by your municipality, for your local pretreatment program, and for local industries served by the treatment plant.

Date Published: 9/1/1985

Recirculating Sand Filters

EPA 832-F-99-079

Date Published: 9/1/1999

Redraft of Model Letter to be Sent to POTWs

Revised draft of an example letter to be sent to all POTWs to determine whether they are subject to RCRA corrective action requirements.

Date Published: 10/21/1986

Region 1 Final General Permit for the States of Maine, Massachusetts, and New Hampshire for Waste Treatment Facilities

Date Published: 12/9/1994

Region III Guidance for Setting Local Limits for a Pollutant Where the Domestic Loading Exceeds the Maximum Allowable Headworks Loading

The following is intended to provide POTWs with approaches to addressing situations where the allowable industrial loading is calculated to be negative, as well as establishing some guidelines on what the Region expects the POTWs to undertake.

Date Published: 6/9/1994

Representative Sampling in NPDES Permits

Expresses importance of clear expressions of monitoring locations in NPDES permits, and offering recommended permit language for such.

Date Published: 5/6/1983

Request for Policy and Legal Guidance on the Possible Use of NPDES Permits to Promote Sludge Management Practices

Response to request for policy and legal guidance on the possible use of NPDES permits to promote better sludge management practices.

Date Published: 4/13/1977

Results of Significant Noncompliance (SNC) Study

Significant noncompliance study and enforcement of EPA regulations.

Date Published: 8/25/1993

Review Standards for Construction Grants Audits, Management Decisions, and Dispute Resolution

Review Standards for Construction Grants Audits, Management Decisions, and Dispute Resolution

Date Published: 6/30/1998

Rules for POTW Effluent Limits

Daily, average weekly, average monthly, and instantaneous maximum limits.

Date Published: 2/17/1994

Sediment and Erosion Control: An Inventory of Current Practices

Guidance for municipalities on effective erosion and sediment controls related to storm water discharges.

Date Published: 4/20/1990

Sewer Cleaning and Inspections

EPA 832-F-99-031

Date Published: 9/1/1999

State Pretreatment Programs

Memo regarding implementation of pretreatment programs by EPA and the states

Date Published: 4/12/1979

Statutory Deadlines for Compliance by Publicly Owned Treatment Works under the Clean Water Act

Memo regarding statutory deadlines affected by the amendments to the CWA

Date Published: 3/4/1983

Stay Granted in Star-Kist Caribe

Stay of order on petition for reconsideration.

Date Published: 9/21/1990

Storm Water Technology Fact Sheet: Bioretention

EPA 832-F-99-012

Date Published: 9/1/1999

Strategy for Implementing RCRA Permit-By-Rule Requirements at POTWs that Accept Hazardous Waste by Truck, Rail, or Dedicated Pipe

This memo summarizes the results of a survey and outlines a strategy for implementing RCRA at POTWs that receive hazardous waste by truck, rail, or dedicated pipe.

Date Published: 9/21/1987

Supplemental Manual on the Development And Implementation of Local Discharge Limitations Under the Pretreatment Program: Residential and Commercial Toxic Pollutant Loadings and POTW Removal

This document provides guidance to assist in development of local limits. It specifically provides information related to residential and commercial sources of toxic pollutants, and estimated removal efficiencies of municipal treatment processes.

Date Published: 5/1/1991

Suspended Solids Effluent Limitations for Publicly Owned Wastewater Treatment Ponds Followed by Other Treatment Elements

Policy stating when the secondary treatment requirement for total suspended solids can be adjusted.

Date Published: 9/1/1978

Suspension of Portion of Definition of "Waters of the United States" in Consolidated Permit Regulations - Action Memorandum

Suspending a provision of the Consolidated Permit Regulations.

Date Published: 7/15/1980

Sustainable Development Challenge Grant Program

EPA announces and solicits applications for a new competitive grant program, the Sustainable Development Challenge Grant (SDCG) program, one of President Clinton's "high priority" actions described in the March 16, 1995 report, Reinventing Environmental Regulation. The Sustainable Development Challenge Grant program is intended to encourage community, business, and government to work cooperatively to develop flexible, locally-oriented approaches that link place-based environmental management with sustainable development and revitalization.

Date Published: 7/1/1996

The Watershed Approach: Our Framework for Ecosystem Protection

Describing actions EPA will take to foster a watershed approach to protecting surface waters.

Date Published: 10/7/1994

Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants

Guidance document to permittees, permit writers and consultants on the general approach and procedures for conducting toxicity reduction evaluations (TREs) at municipal wastewater treatment plants. Provides new updates and additional case study discussions on issues for identifying whole effluent toxicity at municipal wastewater treatment plants. It addresses many issues that stakeholders have raised since the earlier April 1989 edition. It is intended to be a guide to the approaches that have been successfully used in municipal TREs (EPA 833-B-99-022).

Date Published: 8/1/1999

Toxicity Testing Requirements in Municipal Permits

Procedures and rationale for toxics control.

Date Published: 7/24/1985

Trenchless Sewer Rehabilitation

EPA 832-F-99-032

Date Published: 9/1/1999

Trickling Filter nitrification

EPA 832-F-00-015

Date Published: 9/1/2000

Trickling Filters

EPA 832-F-00-014

Date Published: 9/1/2000

US Environmental Protection Agency Use of the Term Biosolids

Memorandum encouraging use of the term "biosolids" instead of "sewage sludge" when describing residuals from the treatment of domestic sewage in a treatment works.

Date Published: 12/9/1996

Use of BOD5 Carbonaceous Test Results to Determine Compliance with NPDES Permits Based on Secondary Treatment Requirements

Secondary treatment requirements.

Date Published: 3/10/1980

Use of Biomonitoring in the NPDES Permit Program

Legal memorandum explaining that EPA has the authority to require biomonitoring and establish non-effluent guideline limitations for toxics in NPDES permits.

Date Published: 1/11/1979

Use of Construction Grant Funds for Pretreatment Program

Explains what part of pretreatment programs can be funded through construction grants.

Date Published: 12/31/1985

Use of Low Flow Augmentation by Point Sources to Meet Water Quality Standards

EPA's policy discouraging use of flow augmentation as an alternative to treatment for meeting water quality standards.

Date Published: 11/8/1976

WEF/AMSA Pretreatment Streamlining Workshop: Final Report

The Water Environment Federation and Association of Metropolitan Sewerage Agencies held a Pretreatment Streamlining Workshop in August 1996 with representatives from POTWs, Industry, EPA, Environmental groups. The workshop ended with recommendations for streamlining the pretreatment program. The 8-page Executive Summary is included.

Date Published: 9/1/1996

Wastewater Technology Fact Sheet: Ammonia Stripping

EPA 832-F-00-019

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Chemical Precipitation

EPA 832-F-00-018

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Chlorine Disinfection

Disinfection has become one of the primary mechanisms for the inactivation/destruction of pathogenic organisms. The fact sheet contains information on how to use chlorine as a disinfectant for municipal wastewater. (EPA 832-F-99-062)

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Dechlorination

EPA 832-F-00-022

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Fine Bubble Aeration

Description of aeration as a wastewater treatment process, and its advantages and disadvantages. (EPA 832-F-99-065)

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Granular Activated Carbon Absorption & Regeneration

EPA 832-F-00-017

Date Published: 9/1/2000

Wastewater Technology Fact Sheet: Intermittent Sand Filters

EPA 932-F-99-067

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Ozone Disinfection

EPA 832-F-99-063

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Sequencing Batch Reactors

The sequencing batch reactor (SBR) is a fill-and-draw activated sludge system for wastewater treatment (EPA 932-F-99-073).

Date Published: 9/1/1999

Wastewater Technology Fact Sheet: Ultraviolet Disinfection

EPA 832-F-99-064

Date Published: 9/1/1999

Water Efficiency Technology Fact Sheet: Composting Toilets

Fact sheet containing description, applicability, and advantages and disadvantages of composting toilets. (EPA 832-F-99-066)

Date Published: 9/1/1999

Water Efficiency Technology Fact Sheet: High Efficiency Toilets

EPA 832-F-00-047

Date Published: 9/1/2000

Water Efficiency Technology Fact Sheet: Incinerating Toilets

EPA 832-F-99-072

Date Published: 9/1/1999

Water Efficiency Technology Fact Sheet: Oil Recirculating Toilets

EPA 832-F-00-048

Date Published: 9/1/2000

Water Quality Cooperative Agreement Project Video

Training Course for Effective Operation and Maintenance of Separate Sanitary and Combined Sewer Collection Systems, December 15, 1995.

Contained in Tab 14 of meeting briefing package.

NOTE: The proposed outline included in Tab 14 was not available electronically. Contact Ben Lesser of EPA at (202) 564-0582 for a copy.

Date Published: 12/15/1995

What Wastewater Utilities Can Do Now to Guard Against Terrorist and Security Threats

Recommends many straightforward, commonsense actions to increase security and reduce threats from terrorism. Many of these actions are recommended by the Association of Metropolitan Sewer Agencies, the Water Environment Federation, and other leading professional organizations.

Date Published: 10/1/2001

Whole-Effluent Toxicity Sample Permitting and Enforcement Guidance

Efforts of an EPA/State workgroup composed of permitting, enforcement and legal counsel representatives in support of whole-effluent toxicity permitting and enforcement. Guidance for improving consistency in whole effluent toxicity limits in NPDES permits by providing sample permit language.

Date Published: 2/2/1989

Pretreatment Publications

Applicability of Categorical Pretreatment Standards to Industrial Users of Non-Discharging POTWs

Guidance clarifying that industrial users discharging to POTWs that do not discharge are still subject to national categorical pretreatment standards.

Date Published: 6/27/1985

Applicability of Categorical Pretreatment Standards to Research and Development (R&D) Facilities

Letter on EPA's determination that stand alone R&D facilities are not subject to the categorical standards currently promulgated.

Date Published: 6/26/1987

Applicability of pH Waivers to Pretreatment Standards

Letter addressing how waivers to pH requirements might be approvable under the pretreatment program.

Date Published: 5/13/1993

Application of RCRA Corrective Action Requirements to POTWs

This memorandum outlines the applicability of RCRA to POTWs and contains a model letter, to be sent to POTWs, requiring them to notify EPA whether RCRA "hazardous waste" is received by the POTW.

Date Published: 9/11/1986

Article by the Texas Water Commission on Slug Discharge Control Plans

Letter with enclosed article on slug discharges submitted for Pretreatment Bulletin

Date Published: 4/18/1995

Availability of State and Regional Toxics Control Strategies

Index of state and regional toxics control strategies.

Date Published: 2/22/1988

Baseline Monitoring Report Requirements for Pesticide Formulating, Packaging and Repackaging Facilities

Guidance on how to prepare a baseline monitoring report required of industrial users of sewer systems when the industry opts to use the pollution prevention option of the pesticide national categorical pretreatment standards.

Date Published: 4/3/1997

Baseline Monitoring Reports

Draft guidance to permit authorities on how to review baseline monitoring reports submitted by local pretreatment authorities.

Date Published: 7/21/1983

Best Management Practices (BMPs) in NPDES Permits-Informational Memorandum

Summary of information and sample permit language for including best management practices in NPDES permits.

Date Published: 9/30/1987

Best Management Practices for SIUs

Best Management Practices for SIUs

Date Published: Unknown

Categorical Pretreatment Standards Reference Manual

Revisions to categorical pretreatment standards reference manual.

Date Published: 3/16/1987

Clarification of Sampling Procedures for the VOA Fraction

The Permits Division has received several inquiries about sampling procedures when data on volatile organic (VOA) toxic pollutants are required.

Date Published: 7/31/1985

Clarifications Regarding Certain Aspects of EPA's Surface Water Toxics Control Regulations

Clarifications of EPA regulations relating to s.304(1) and water quality-based effluent limitations.

Date Published: 8/14/1992

Control Authority Pretreatment Audit Checklist and Instructions

Guidance on pretreatment program elements that should be investigated during a pretreatment audit. Instructions on conducting an audit to assess the Control Authority's program as a whole.

Date Published: 5/1/1992

Control de Descargas Irregulares Hacia las POTWs

Guia de medidas para prevenir las descargas de los usuarios indirectos de interferir con las operaciones de las POTWs.

Date Published: 2/1/1991

Control of Slug Loadings to POTWs: Guidance Manual

Guidance on measures to prevent slug loadings from indirect users of sewer systems from impairing treatment by POTWs. [see also Sept. 88]
Date Published: 2/1/1991

Coordination Between Regional Enforcement and Water Programs Personnel in Implementing the National Pretreatment Program

Outlines the roles of permits and enforcement, and construction grants programs, in supporting the development of local POTW pretreatment programs.
Date Published: 11/29/1978

Deletions of Local Pretreatment Program Development Requirements

Memo regarding decrease in number of POTWs in early stages of pretreatment program. Summary of the regulatory criteria for requiring establishment of a local pretreatment program and the circumstances in which such a requirement may be dropped. [Note: Memorandum supersedes guidance from April 1, 1985.]
Date Published: 8/5/1985

Draft Local Limits Development Guidance

The Office of Wastewater Management Permits Division has completed a draft revision of the Technically-Based Local Limits Guidance Manual that was originally published in 1987. This revision attempts to incorporate additional information and procedural recommendations based upon experience and knowledge gained during the intervening time period. This draft document is circulating for external review.
Date Published: 8/1/2001

EPA Model Pretreatment Ordinance

Guidance on municipal ordinances to implement and enforce a pretreatment program consistent with the Clean Water Act requirements.
Date Published: 6/1/1992

EPA OWM Pretreatment Bulletin #01 September 1985

Bulletin/newsletter for OWM topics
Date Published: 9/3/1985

EPA OWM Pretreatment Bulletin #02 March 1987

Bulletin/newsletter for OWM topics
Date Published: 3/6/1987

EPA OWM Pretreatment Bulletin #03 November 1987

Bulletin/newsletter for OWM topics
Date Published: 11/6/1987

EPA OWM Pretreatment Bulletin #04 July 1988

Bulletin/newsletter for OWM topics
Date Published: 7/1/1988

EPA OWM Pretreatment Bulletin #05 July 1988

Bulletin/newsletter for OWM topics
Date Published: 1/1/1989

EPA OWM Pretreatment Bulletin #06 June 1989

Bulletin/newsletter for OWM topics
Date Published: 6/1/1989

EPA OWM Pretreatment Bulletin #07 January 1990

Bulletin/newsletter for OWM topics
Date Published: 1/1/1990

EPA OWM Pretreatment Bulletin #08 September 1990

Bulletin/newsletter for OWM topics
Date Published: 9/1/1990

EPA OWM Pretreatment Bulletin #09 January 1991

Bulletin/newsletter for OWM topics
Date Published: 1/1/1991

EPA OWM Pretreatment Bulletin #10 October 1991

Bulletin/newsletter for OWM topics
Date Published: 10/1/1991

EPA OWM Pretreatment Bulletin #11 September 1992

Bulletin/newsletter for OWM topics
Date Published: 9/1/1992

EPA OWM Pretreatment Bulletin #12 January 1993

Bulletin/newsletter for OWM topics
Date Published: 1/1/1993

EPA OWM Pretreatment Bulletin #13 October 1993

Bulletin/newsletter for OWM topics
Date Published: 10/1/1993

EPA Procedures for Review and Approval of State Pretreatment Program Submissions

Memo regarding EPA approval of state pretreatment program plans.
Date Published: 4/30/1979

Electroplating and Metal Finishing PSES: Baseline Monitoring Reports and Compliance Dates

Answers to several questions related to Baseline Monitoring Reports and Compliance Dates, for Electroplating and Metal Finishing industrial users.
Date Published: 8/19/1983

Environmental Regulations and Technology: The National Pretreatment Program

This document explains the need for the National Pretreatment Program; describes federal, state, and local roles in the program's implementation; and explores the program's future.
Date Published: 7/1/1986

Example Language for Modifying NPDES Permits for Pretreatment Approval

Guidance to permit authorities on what language to include in NPDES permits to require a POTW to administer a pretreatment program.
Date Published: 9/22/1983

Guia Para Proteger a los Trabajadores de las POTW de Gases y Vapores Toxicos y Reactivos

La intencion de este manual es ayudar a las POTWs a cumplir con los reglamentos de la EPA del 24 de Julio de 1990 que prohíben descargas de reactivos y toxicos por gas/vapor en las POTWs. Tambien ayudara a las POTWs y a sus trabajadores a identificar, prevenir y mitigar los peligros asociados con gases y vapores toxicos, y sustancias quimicamente reactivas que se encuentren en el sistema de coleccion y planta de tratamiento de la POTW, asi como en instalaciones industriales durante inspecciones de la POTW.
Date Published: 6/1/1992

Guidance Manual for Battery Manufacturing Pretreatment Standards

Guidance to battery manufacturers on how to comply with national pretreatment requirements
Date Published: 8/1/1987

Guidance Manual for Conducting RCRA Facility Assessments at Publicly Owned Treatment Works

Guidance to EPA regions and states on how to conduct a RCRA facility assessment at POTWs that receive hazardous waste by truck, rail, or dedicated pipe.
Date Published: 9/1/1987

Guidance Manual for Electroplating and Metal Finishing Pretreatment Standards

Guidance to electroplating and metal finishing manufacturers on how to comply with national pretreatment requirements.
Date Published: 2/1/1984

Guidance Manual for Implementing Total Toxic Organics (TTO) Pretreatment Standards

Guidance manual for electroplaters on how to implement the total toxic organics categorical pretreatment standard.
Date Published: 9/1/1985

Guidance Manual for Iron and Steel Manufacturing Pretreatment Standards

Guidance to iron and steel manufacturers on how to comply with national pretreatment requirements.
Date Published: 9/1/1985

Guidance Manual for Leather Tanning and Finishing Pretreatment Standards

Guidance to leather tanners and finishers on how to comply with national pretreatment requirements. Table of contents only.
Date Published: 9/1/1986

Guidance Manual for POTW Pretreatment Program Development

Guidance to POTWs for developing an approvable pretreatment program. Guidance delineates what data and information the POTW must submit to EPA or the authorized state program.
Date Published: 10/1/1983

Guidance Manual for Preparation and Review of Removal Credit Applications

Explanation of final removal credits rule for POTWs in preparation of acceptable removal credits application. Table of Contents Only
Date Published: 7/1/1985

Guidance Manual for Preventing Interference at POTWs

Aids POTWs in identifying interference episodes caused by discharges, tracking, and mitigating of non-domestic wastes.
Date Published: 9/1/1987

Guidance Manual for Pulp, Paper and Paperboard and Builders' Paper and Board Mills Pretreatment Standards

Guidance to pulp, paper, and paperboard manufacturers on how to comply with national pretreatment requirements.
Date Published: 7/1/1984

Guidance Manual for the Control of Wastes Hauled to Publicly Owned Treatment Works

This guidance is designed to provide information for smaller POTWs, generally those without pretreatment programs, on how to develop and implement hauled waste controls. The guidance discusses collection of information on waste haulers, characterization of hauled waste received, evaluation of potential impacts, and the development and implementation of controls. The guidance also includes case studies of successful waste hauler programs and example forms.
Date Published: 9/1/1999

Guidance Manual for the Identification of Hazardous Waste Delivered to POTWs by Truck, Rail or Dedicated Pipeline

Guidance to EPA regions and states on how to identify POTWs that receive hazardous wastes by truck, rail, or dedicated pipe, and what requirements to impose on those POTWs.
Date Published: 6/1/1987

Guidance Manual for the Use of Production-Based Pretreatment Standards and the Combined Wastestream Formula

How to implement categorical standards and the combined wastestream formula of the national pretreatment program (EPA 833-B-85-201).
Date Published: 9/19/1985

Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program

Comprehensive technical guidance for publicly owned treatment works on the development and implementation of sound local limits.
Date Published: 12/1/1987

Guidance for Developing Control Authority Enforcement Response Plans

This manual provides guidance to Control Authority personnel in developing an enforcement response plan to remedy violations of a local pretreatment program.
Date Published: 9/1/1989

Guidance for Implementing RCRA Permit-by-Rule Requirements at POTWs

Assistance for water management division directors in issuing RCRA permits by rule and in implementing RCRA corrective action requirements at POTWs.
Date Published: 7/21/1987

Guidance for Reporting and Evaluating POTW Noncompliance With Pretreatment Requirements

Reportable noncompliance for POTW pretreatment programs establishes criteria to evaluate adequate implementation.
Date Published: 9/30/1987

Guidance on Bringing Enforcement Actions Against POTWs for Failure to Implement Pretreatment Programs

Guidance on legal and policy considerations involved in deciding whether and how EPA shall pursue enforcement actions against POTWs that have failed to adequately implement their pretreatment programs.
Date Published: 8/4/1988

Guidance on Preparing Compliance Schedules for Developing POTW Pretreatment Programs

Date Published: 11/29/1978

Guidance on the Applicability of Categorical Pretreatment Standards and Industrial User (IU) versus Significant Industrial User (SIU)

Guidance concerning the applicability of categorical pretreatment standards and when an industrial user (IU) may be deemed a significant industrial user (SIU) as defined by 40 CFR Part 403.3(t).
Date Published: Unknown

Guidance to States on Assessing Existing Abilities to Implement a State Pretreatment Program and Preparing October 10, 1978, Submission to EPA

Guidance to states for developing evaluation of their abilities to implement a state pretreatment program.
Date Published: 9/8/1978

Implementation of Organic Chemicals, Plastics and Synthetic Fibers Pretreatment Standards

Memo to provide additional guidance on the implementation of organic chemicals, plastics and synthetic fibers pretreatment standards.
Date Published: 8/8/1988

Implementation of the Organic Chemical Pretreatment Standards

Memo on the implementation of the organic chemical pretreatment standards for the Organic Chemicals, Plastics, and Synthetic Fibers (OCPSF) Industry (52 FR 42522).
Date Published: 12/30/1987

Incorporation of Pretreatment Program Compliance Schedules Into POTW's Permits

Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.
Date Published: 6/5/1980

Incorporation of Pretreatment Program Development Compliance Schedules Into POTW NPDES Permits

Re-emphasizes the importance of incorporating pretreatment compliance schedules into appropriate permits at the earliest possible time.
Date Published: 1/28/1980

Industrial User Inspection and Sampling Manual for POTW's

This manual is intended to acquaint POTW personnel with the well-established inspection and wastewater sampling procedures which have been used in the NPDES program for many years. The information presented will guide the POTW inspector by providing a framework for conducting inspections and wastewater sampling.

Date Published: 4/1/1994

Industrial User Permitting Guidance Manual

Guidance for POTWs on the development and issuance of effective permits to industrial users of their sewer systems.

Date Published: 9/1/1989

Introduction to the National Pretreatment Program

Local pretreatment programs enforce national pretreatment standards and requirements in addition to any more stringent requirements necessary to protect POTWs.

Date Published: 2/1/1999

Letter from EPA to Mary Jo M. Aiello, New Jersey Department of Environmental Protection and Energy

Issues of proposed policy on waivers from pH limits

Date Published: 5/13/1993

Letter to Joseph M. Polito from James R. Elder, Director of the Office of Water Enforcement and Permits: Applicability of Combined Wastestream Formula for Commercial Waste Treatment Facilities

Letter clarifies the applicability of the combined wastestream formula (CWF) in establishing effluent limits for commercial waste treatment facilities (CWTs) that are industrial users of publicly owned treatment works (POTWs) and which treat wastes covered by national categorical pretreatment standards.

Date Published: 3/15/1990

Letter to Mr. Robert Bedell

Letter to Mr. Robert Bedell, Deputy Administrator, Office of Management and Budget, from Bruce R. Barrett, EPA regarding exemption from review requirements of EO 12291 for NPDES General Permits.

Date Published: 8/8/1983

Local Limit Development Worksheet

Spreadsheet to calculate local limits.

Date Published: Unknown

Manual De Orientacion En El Desarrollo E Implementacion De Los Limites Locales De Caudal Bajo El Programa De Pretratamiento

Este Manual de Orientacion provee a las Instalaciones Municipales de Tratamiento de Aguas Residuales (Public Owned Treatment Works POTWs) con una amplia orientacion tecnica en el Desarrollo e Implementacion de los limites locales apropiados. De esta manera se completa y llena una de las recomendaciones principales del grupo de trabajo: Revision de la Implementacion de Programas de Pretratamiento.

Date Published: 12/1/1987

Manual De Orientacion Para Otorgar Permisos a Usuarios Industriales

Este Manual de Orientacion provee a las Instalaciones Municipales de Tratamiento de Aguas Residuales (Public Owned Treatment Works POTWs) con una amplia orientacion tecnica en el desarrollo y otorgamiento de permisos efectivos a usuarios industriales (UI). La necesidad de este manual fue identificada por la EPA y aprobada por los Estados de pretratamiento por medio de auditorias a programas locales hechas en los ultimos años.

Date Published: 9/1/1989

Manual Guia para el Uso de Normas de Pretratamiento Basadas en Produccion y la Formula para Corrientes Residuales Combinadas

Este manual guia ha sido desarrollado por la EPA para explicar como implementar dos importantes elementos del programa nacional de pretratamiento: las normas categoricas y la formula para corrientes residuales combinadas. El manual esta dividido en dos secciones. La primera seccion explica como aplicar las normas categoricas basadas en produccion a un permiso, contrato o mecanismo similar. La segunda parte explica como usar la formula para corrientes residuales combinadas, proporcionando definiciones y ejemplos.

Date Published: 9/19/1985

Manual Guia Para Estandares De Pretratamiento Para Electrochapeado Y Acabado De Metales

Este manual provee informacion para ayudar a las Autoridades de Control y a las Autoridades de Autorizacion a implementar las Normas Categoricas Nacionales de Pretratamiento para las Categorias de Fuente Localizada de Electrochapeado y Acabado de Metales [40 CFR (Codigo de Reglamentos Federales) Partes 413 y 433, respectivamente].

Date Published: 2/1/1984

Manual Guia Para Prevenir La Interferencia En Las POTWs

Este manual guia fue desarrollado por la EPA para ayudar a las plantas publicas de tratamiento (POTWs) a identificar, rastrear y mitigar los incidentes de interferencia causados por descargas de residuos no domiciliarios. La interferencia se define en los Reglamentos Generales de Pretratamiento (40 CFR [Codigo de Reglamentos Federales] Parte 403) en terminos de una descarga que, por si sola o en combinacion con otras descargas, inhibe o transtorna a la POTW y causa que viole su permiso NPDES (Sistema Nacional para Eliminacion y Descargas de Contaminantes) o los reglamentos aplicables de uso o disposicion final de lodos. Las responsabilidades legales de las POTWs y de sus usuarios industriales para evitar la interferencia se especifican en los Reglamentos Generales de Pretratamiento. Los requisitos basicos reglamentarios se explican en este manual y se ofrece guia tecnica para ayudar a los operadores de las POTWs a detectar y determinar las fuentes de la interferencia.

Date Published: 9/1/1987

Manual Suplementario Para el Desarrollo e Implementacion de Limitaciones Locales para Descargas en Conformidad con el Programa de Pretratamiento

Este manual tiene como proposito suplementar la guia de limites locales de 1987 y presupone que el lector entiende cabalmente el desarrollo de limites locales; parte de la informacion contenida en la guia de limites locales de 1987. Este es un documento de dos partes que provee informacion sobre cargas de contaminantes toxicos de fuentes residenciales y comerciales (Parte 1) y calculo de las eficiencias de remocion logradas por las plantas municipales de tratamiento de aguas residuales (Parte 2).

Date Published: 5/1/1991

Manual de Inspeccion y Muestreo de las Instalaciones para Tratamiento de Aguas Residuales

Este manual intenta dar a conocer al personal de las plantas POTW los procedimientos ya establecidos de inspeccion y muestreo de aguas residuales que se han usado por años en el programa NPDES. La informacion presentada podra guiar al Inspector proporcionandole un marco de referencia para efectuar inspecciones y muestreos de aguas residuales. El manual supone que el Inspector tiene un conocimiento basico de las tecnologias, asi como de los requerimientos aplicables a nivel local, Estatal o Federal en el pretratamiento. La informacion contenida en esta guia le servira al Inspector experimentado como referencia, y el personal nuevo de inspeccion la encontrara util como un marco de referencia logico para aprender a efectuar inspecciones y muestreos. Este manual tambien intenta ayudar a los Consejeros Legales y al personal de laboratorio, como referencia a los asuntos tecnicos y legales de las actividades de muestreo e inspeccion en el pretratamiento.

Date Published: 4/1/1994

Memo from Martha G. Prothro, Permits Division Director, to users of the Guidance Manual for POTW Pretreatment Program Development

Memo describes the amendments to the 1983 Guidance Manual on POTW Pretreatment Program Development and reprinting of the manual.

Date Published: Unknown

Memorandum: Information on the Misuse of Sodium Dimethyldithiocarbamate

Memo from Michael B. Cook, Director of the Office of Wastewater

Management, alerting users of potential problems that could arise from the misuse of sodium dimethyldithiocarbamate and associated compounds.

Date Published: 6/2/2002

Multijurisdictional Pretreatment Programs Guidance Manual

This guidance document is intended to address these multijurisdictional program implementation and enforcement issues and offer some of the options that municipal entities may employ to satisfy federal and state program requirements.

Date Published: 6/1/1994

Muni-Bytes, Issue V

Policy and regulation updates, training opportunities, ways to access other information sources, Regional Sound Bytes, and opportunities for you to get more involved in the development of guidance and regulations.

Date Published: 3/1/1999

National Pretreatment Program: Report To Congress

Response to Section 519 of the Water Quality Act which requires EPA to study certain elements of the National Pretreatment Program.

Date Published: 7/10/1991

New Regulations Governing the Discharge of Toxic and Hazardous Pollutants to POTWs

Permitting and compliance monitoring & enforcement implementation activities. Note: This memorandum was superseded by promulgation of the Centralized Waste Treatment regulations of 40 CFR 437 on December 22, 2000.

Date Published: 12/17/1990

POTW Contract Operations

Memo discussing the potential liability of private operators of POTWs as NPDES copermittees.

Date Published: 10/28/1988

PRELIM Version 3.0 User's Guide

Documentation for the EPA Computer Program/Model for Developing Local Limits for Industrial Pretreatment Programs at Publicly Owned Treatment Works

Date Published: 1/2/1987

PRELIM Version 4.0 User's Guide

User's guide for an EPA computer program that calculates local discharge limitation.

Date Published: 5/1/1991

PRELIM Version 4.0: Answers to commonly asked questions regarding EPA's (version 4.0) software FAQs on PRELIM 4.0 software

FAQs on PRELIM 4.0 software

Date Published: Unknown

PRELIM Version 5.0 Executable Program: Pretreatment Limitations Model

Latest version of EPA's PRELIM software for POTWs to calculate local discharge limitations for industrial users. Read the User's Guide before installing this program.

Date Published: Unknown

PRELIM Version 5.0 User's Guide: Pretreatment Limitations Model

This User's Guide contains instructions for installing and running PRELIM 5 and should be printed and consulted before installing PRELIM 5. The PRELIM 5.0 program is designed to be used in conjunction with EPA's 1987 Guidance Manual on the Development and Implementation of Local Discharge Limitations Under the Pretreatment Program (hereafter referred to as EPA's local limits guidance manual) in developing technically based local limits for publicly owned treatment works (POTWs).

Date Published: 6/1/1996

Performance Measurement and the National Industrial Wastewater Pretreatment Program: Final Report

This report presents the findings and recommendations of a multi-constituency Working Group on measuring the performance of the nation's industrial wastewater pretreatment program.

Date Published: 7/11/1994

Permit Implications of Privatization

Memo clarifying the NPDES permit and pretreatment implications of transactions that create private interests in municipal wastewater treatment works (i.e. "privatization").

Date Published: 4/16/1987

Permitting Guidance for Semiconductor Manufacturing Facilities

Guidance document providing an overview of the semiconductor manufacturing process, a discussion of the overlap between Parts 469 and 433, and examining new and emerging manufacturing technologies and how these processes fit into the regulatory framework of Parts 469 and 433.

Date Published: 4/21/1998

Pesticide Chemicals Category, Formulating, Packaging and Repackaging Effluent Limitations Guidelines, Pretreatment Standards, and New Source Performance Standards; Supplemental Notice

EPA is publishing this Supplemental Notice to obtain public comment on two topics for which comments were received on the proposed rulemaking (59 FR 17850, April 14, 1994) for the Pesticides Formulating, Packaging and Repackaging (PFPR) Industry.

Date Published: Unknown

Plan for Resolution of Fundamentally Different Factors and Section 301(g) Variance Requests

Memo outlining the plan to resolve FDFs and 301(g) variances

Date Published: 9/25/1987

Pretreatment Bytes, Edition II

Policy and regulation updates, training opportunities, ways to access other information sources, Regional Sound Bytes, and opportunities for you to get more involved in the development of guidance and regulations.

Date Published: 4/1/1998

Pretreatment Bytes, Edition III

Policy and regulation updates, training opportunities, ways to access other information sources, Regional Sound Bytes, and opportunities for you to get more involved in the development of guidance and regulations.

Date Published: 7/1/1998

Pretreatment Bytes, Edition IV

Policy and regulation updates, training opportunities, ways to access other information sources, Regional Sound Bytes, and opportunities for you to get more involved in the development of guidance and regulations.

Date Published: 10/1/1998

Pretreatment Bytes, Issue 1

Policy and regulation updates, training opportunities, ways to access other information sources, Regional Sound Bytes, and opportunities for you to get more involved in the development of guidance and regulations.

Date Published: 2/1/1998

Pretreatment Compliance Inspection and Audit Manual for Approval Authorities

Approval for authorities' information on audits and inspections of approved local POTW pretreatment programs (EPA 833-B86-100).

Date Published: 7/1/1986

Pretreatment Compliance Monitoring and Enforcement Guidance (for Publicly Owned Treatment Works)

New activities POTWs must undertake to operate their approved pretreatment programs. Table of Contents only

Date Published: 7/25/1986

Pretreatment Documents List

Listing of nearly 100 pretreatment documents, with title and date only

Date Published: Unknown

Pretreatment Economic Benefit Model

Pretreatment Economic Benefit Model

Date Published: Unknown

Pretreatment Implementation Review Task (PIRT) Force: Final Report to the Administrator

Report of the Pretreatment Implementation Review Task Force, including many recommended improvements to the pretreatment program.

Date Published: 1/30/1985

Pretreatment Program Guidance

Procedures for EPA Regions and approved states to review local POTW pretreatment program submissions.

Date Published: 10/5/1983

Pretreatment Program Modifications - Guidance for 40 CFR 403.18

Guidance on the implementation of 40 CFR 403.18 procedures for approving changes to Approved Pretreatment Programs. It provides suggestions on how state and EPA Approval Authorities might reduce the effort necessary to comply with 40 CFR 403.18, especially its public notice requirements.

Date Published: 7/22/1993

Procedures Manual for Reviewing a POTW Pretreatment Program Submission

Guidance to EPA Regions and states on how to review local POTWs pretreatment program submissions.

Date Published: 10/1/1983

Procedures for Processing Fundamentally Different Factor Variances

Questions have recently been raised concerning the procedures for processing fundamentally different factors (FDF) variances. The NPDES regulations at 40 CFR 124.62-124.63 contain the procedures for processing variances. A copy of these provisions is attached.

Date Published: 6/1/1983

Procuring Analytical Services: Guidance for Industrial Pretreatment Programs

This document is intended to provide pretreatment authorities and industrial users (IUs) with guidance for procuring analytical services necessary to support Clean Water Act programs.

Date Published: 10/1/1998

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.

Date Published: 6/1/2001

Publicaciones Sobre el Uso Y Eliminacion de Lodo Residual Cloacal Y Biosolidos, 1/1/96

Lista de documentos
Date Published: 1/1/1996

RCRA Information on Hazardous Wastes for Publicly Owned Treatment Works

This manual provides guidance to municipal personnel in understanding hazardous waste requirements of the Resource Conservation and Recovery Act (RCRA) and the implications of these RCRA requirements for the wastewater treatment plant operated by your municipality, for your local pretreatment program, and for local industries served by the treatment plant.
Date Published: 9/1/1985

Redraft of Model Letter to be Sent to POTWs

Revised draft of an example letter to be sent to all POTWs to determine whether they are subject to RCRA corrective action requirements.
Date Published: 10/21/1986

Region III Guidance for Setting Local Limits for a Pollutant Where the Domestic Loading Exceeds the Maximum Allowable Headworks Loading

The following is intended to provide POTWs with approaches to addressing situations where the allowable industrial loading is calculated to be negative, as well as establishing some guidelines on what the Region expects the POTWs to undertake.
Date Published: 6/9/1994

Response to LA County inquiry on applicability to Arias Research

Response from EPA to Mr Kilgore regarding pretreatment applicability to Arias Research
Date Published: 1/3/1995

Response to inquiry on applicability to Kaiser Aluminum

Response from EPA to Mr Suchyta regarding his letter on Kaiser Aluminum's responsibilities for pretreatment
Date Published: 12/22/1994

Review of Memorandum Regarding Draft Procedures for Processing Fundamentally Different Factors Variances for Direct and Indirect Dischargers

Proposed procedures on variances and time extensions available under the Clean Water Act.
Date Published: 10/11/1983

Sharing The Load: Effluent Trading For Indirect Dischargers

Case study of pretreatment local limits trading in the Passaic Valley Sewerage Commissioners area, reported by EPA's Office of Policy, Planning and Evaluation, EPA Region 2, New Jersey Department of Environmental Protection, and a stakeholder group (EPA 231-R-98-003).
Date Published: 5/1/1998

State Pretreatment Programs

Memo regarding implementation of pretreatment programs by EPA and the states
Date Published: 4/12/1979

Status of Textile Mills Pretreatment Standards

Memorandum stating some of the federal requirements for textile mills, and EPA's expectations of local and state control authorities.
Date Published: 5/31/1984

Statutory Deadlines for Compliance by Publicly Owned Treatment Works under the Clean Water Act

Memo regarding statutory deadlines affected by the amendments to the CWA
Date Published: 3/4/1983

Stay Granted in Star-Kist Caribe

Stay of order on petition for reconsideration.
Date Published: 9/21/1990

Strategy for Implementing RCRA Permit-By-Rule Requirements at POTWs that Accept Hazardous Waste by Truck, Rail, or Dedicated Pipe

This memo summarizes the results of a survey and outlines a strategy for implementing RCRA at POTWs that receive hazardous waste by truck, rail, or dedicated pipe.
Date Published: 9/21/1987

Supplemental Manual on the Development And Implementation of Local Discharge Limitations Under the Pretreatment Program: Residential and Commercial Toxic Pollutant Loadings and POTW Removal

This document provides guidance to assist in development of local limits. It specifically provides information related to residential and commercial sources of toxic pollutants, and estimated removal efficiencies of municipal treatment processes.
Date Published: 5/1/1991

Sustainable Development Challenge Grant Program

EPA announces and solicits applications for a new competitive grant program, the Sustainable Development Challenge Grant (SDCG) program, one of President Clinton's "high priority" actions described in the March 16, 1995 report, Reinventing Environmental Regulation. The Sustainable Development Challenge Grant program is intended to encourage community, business, and government to work cooperatively to develop flexible, locally-oriented approaches that link place-based environmental management with sustainable development and revitalization.
Date Published: 7/1/1996

Training Videos - Pretreatment and Collection System Operator

List of available training videos for pretreatment and collection system operators
Date Published: Unknown

Use of Construction Grant Funds for Pretreatment Program

Explains what part of pretreatment programs can be funded through construction grants.
Date Published: 12/31/1985

WEF/AMSA Pretreatment Streamlining Workshop: Final Report

The Water Environment Federation and Association of Metropolitan Sewerage Agencies held a Pretreatment Streamlining Workshop in August 1996 with representatives from POTWs, Industry, EPA, Environmental groups. The workshop ended with recommendations for streamlining the pretreatment program. The 8-page Executive Summary is included.
Date Published: 9/1/1996

What Wastewater Utilities Can Do Now to Guard Against Terrorist and Security Threats

Recommends many straightforward, commonsense actions to increase security and reduce threats from terrorism. Many of these actions are recommended by the Association of Metropolitan Sewer Agencies, the Water Environment Federation, and other leading professional organizations.
Date Published: 10/1/2001

Sanitary Sewer Overflows Publications

Brochure: Benefits of Protecting Your Community From Sanitary Sewer Overflows

Full color brochure describing SSOs and the impacts of overflows to communities
Date Published: 6/1/2000

Brochure: Sanitary Sewer Overflows - What are they and how can we reduce them?

EPA publication designed to answer commonly asked questions about SSOs.
Date Published: 6/1/1996

Case Study: Clearwater, Florida Abates Sanitary Sewer Overflows Using the EPA Region 4 Management, Operations and Maintenance Approach

Clearwater, Florida performed a self-assessment of its sewer collection system and developed a Maintenance, Operations, and Management (MOM) Plan using the Region 4 approach. The MOM Plan, which will be fully implemented in 2008, helped Clearwater significantly reduce sanitary sewer overflows and emergencies within a year.
Date Published: 7/18/2002

Case Study: Fairfax County, Virginia Implementing an Integrated CMOM Program for SSO Control

Documents a medium-sized wastewater collection utility's approach to developing and implementing an integrated CMOM program. Fairfax County discovered that all the elements of CMOM must be addressed if the desired results are to be achieved.
Date Published: 1/7/2002

Case Study: Greenwood County, South Carolina

The Greenwood Metropolitan District used a good Comprehensive Management, Operations, and Maintenance Plan (CMOM) to abate sanitary sewer overflows (SSOs) and bring community leaders to consensus on difficult and expensive infrastructure problems.
Date Published: 3/1/2001

Case Study: Johnson County, Kansas Public Inflow/Infiltration Program Reduces Sanitary Sewer Overflows

Johnson County, Kansas implemented a five-year phased inflow/infiltration (I/I) reduction program that successfully eliminated capacity-related SSOs up to the 10-year, 1-hour storm event, by reducing storm water infiltration and groundwater inflow into the system by as much as 280 million gallons per day (mgd) during periods of wet weather. A major component of the program was the identification and elimination of sources of I/I from private property to the sewer system.
Date Published: 1/11/2001

Case Study: Oklahoma City, Oklahoma

Oklahoma City, Oklahoma controls sanitary sewer overflows (SSOs) throughout its expansive sewer collection system by replacing approximately 1 percent of sewers every year. This rate ensures complete system replacement every 100 years. The program has been implemented without the need for significant debt or rate increases.
Date Published: 11/1/2001

Chapter 10 of the Enforcement Management System

New SSO Chapter Setting Priorities for Addressing Discharges from Separate Sanitary Sewers. Added as Chapter X to the Enforcement Management System for the National Pollutant Discharge Elimination System.
Date Published: 3/7/1996

Enforcement Efforts Addressing Sanitary Sewer Overflows

Memorandum discussing the upcoming efforts geared toward better understanding nationally, the problem and the possibility of drafting national guidance to states and Regions on how to better protect the public and the environment from SSOs.
Date Published: 3/7/1995

Fact Sheet: Asset Management for Sewer Collection Systems

This fact sheet describes the asset management approach, and shows how it can be used to help public sewer utilities accomplish multiple goals of protecting and extending the life of sewer system assets, meeting new financial reporting requirements, and abating sanitary sewer overflows or wastewater treatment plant peak flow violations.
Date Published: 7/18/2002

Factsheet: (OECA/Region 4) Evaluating POTW Capacity, Management, Operation, and Maintenance Programs

EPA's Office of Compliance and Region 4 are developing tools to support an audit program that will evaluate compliance of all aspects of wastewater treatment plant and collection system capacity, management, operations, and maintenance (CMOM) programs.

Date Published: 6/1/2001

Factsheet: EPA Takes Action To Protect the Nation's Beaches from Health Threats Posed by Raw Sewage Overflows

EPA took action to protect public health and the nation's beaches and waterways from disease-causing organisms and contamination that occurs from 40,000 raw sewage overflows each year. EPA specifically is taking action to reduce the sewer overflows that can lead to beach closures by proposing significant improvements in the operation and maintenance of the nation's sewer systems.

Date Published: 1/5/2001

Factsheet: Financing Capital Improvements For SSO Abatement

Financing Sanitary Sewer Overflows Abatement Programs is based on a survey of available financing, including bonds, loans, SRF program, low-interest loans, grants, etc. This fact sheet provides useful information for communities to help them determine which financial mechanisms are best for them.

Date Published: 3/1/2001

Factsheet: Why Control Sanitary Sewer Overflows?

Sanitary sewer overflows (SSOs) are releases of untreated sewage into the environment. They have always been illegal under the Clean Water Act, but EPA's proposed SSO Control Rule will clarify the prohibition and provide a program for helping municipalities track and report activities undertaken to control SSOs.

Date Published: 1/11/2001

Guide: The Plain Language Guide to Sanitary Sewer Overflows: A Brief Introduction to the Basics of SSOs and What You Can Do to Eliminate Them

This guide provides an introduction to the operation and management of a well-run sewage collection system. This guide is available from Citizens Environmental Research Institute. Contact them at 516-390-7150 or <http://www.ceriworld.org>. Cost is \$18.00. Chapter 1: The Sewer Collection System: How It Works; Chapter 2: The Causes of SSOs; Chapter 3: Prevention of SSOs Using MOM; Chapter 4: Laws & Regulations; Chapter 5: Management Responsibilities; Chapter 6: Economic Impacts of SSOs; Chapter 7: Public Health Impacts and Risks of SSOs; Chapter 8: Environmental Effects of SSOs; Appendix A: CMOM; Appendix B: Model Ordinances for Maintaining Service Laterals; Appendix C: Reporting of SSOs; Appendix D: SSO Enforcement Guidelines & Strategy; Appendix E: Economic Loss Caused by SSOs; Appendix F: Operation & Administration Training Resources; Appendix G: Pipe Material Information.

Date Published: 5/1/2001

Optimization of Collection System Maintenance Frequencies and System Performance

This project was the end product of a 1999 cooperative agreement between EPA and the American Society of Civil Engineers (ASCE). The objective of this project was to develop an optimized approach for maintenance of separate collection systems by focusing on reducing the frequent failures of collection systems.

Date Published: 2/1/1999

Preparing Sewer Overflow Response Plans: A Guidebook For Local Governments

This guidebook was prepared by the American Public Works Association (APWA) under Cooperative Assistance Agreement #CX825881-01 from the U.S. Environmental Protection Agency. Copies (\$) are available from APWA, 2345 Grand Blvd, Suite 500, Kansas City, MO 64108-2641, telephone 816-472-6100. Document ISBN#0-917084-4. This document is designed to help local system owners and operators plan for sanitary sewer overflow response. The guidance contains a glossary; a suggested reading list; an example of a sewer overflow report, and a disk with Chapter III of the guidebook for developing your own site-specific plan.

Date Published: 1/1/1999

Protecting the Nation's Waters Through Effective NPDES Permits: A Strategic Plan FY 2001 and Beyond

The Water Permits Division's Strategic Plan discusses the background of the Water Permits Division, their organization and resources, current implementation activities, and the Division's vision, mission, challenges, strategic issues, goals, and key actions from FY 2001 and beyond. EPA-833-R-01-001.

Date Published: 6/1/2001

Protocols for Identifying Sanitary Sewer Overflows

Report by the American Society of Civil Engineers (ASCE) on their survey of 12 utilities that successfully employ both proactive and reactive SSO control measures, and their literature search on methods used by utilities to identify SSOs. The report describes the procedures and techniques used by the surveyed utilities for identifying overflows. The length of the collection systems reviewed ranges from 700 to 5,000 miles.

Date Published: 6/1/2000

SSO Draft Unified Paper

This is a draft paper on sanitary sewer overflows (SSOs) and the operation, maintenance and management of sanitary sewer collection systems which reflects the major topics discussed by the SSO Federal Advisory Subcommittee. The draft paper will be discussed at the December 16-17, 1996, meeting of the SSO Subcommittee. The draft SSO unified paper could be used to develop a Subcommittee recommendation to EPA for developing comprehensive guidance or policy.

Date Published: Unknown

SSO Technical Publications List

The enclosed list contains technical information sources EPA was able to find for evaluating, maintaining, rehabilitating, and expanding your sanitary sewage collection system. The list includes ordering information. These references have been reviewed by many industry professionals, including the SSO FAC subcommittee.

Date Published: 4/1/2001

Sanitary Sewer Overflows and Sewer System Maintenance

Examines the relationship between monthly SSO frequency and several major SSO factors with and emphasis on the impact of pro-active sewer system maintenance activities. This report was prepared through a cooperative agreement and is available on the EPA web site courtesy of Dr. Zhiyi Zhang of the University of North Carolina at Charlotte (EPA-832-R-98-002).

Date Published: 12/1/1998

Training Videos - Pretreatment and Collection System Operator

List of available training videos for pretreatment and collection system operators

Date Published: Unknown

Stormwater Publications

Applicability of the NPDES Program to Discharges of Storm Water Associated with Construction Activity at, or Construction of, Livestock Feeding Facilities

Memorandum clarifying the interpretation of the NPDES regulations as they apply to discharges of storm water associated with construction activity, construction of, livestock feeding facilities involving animal feeding operations, concentrated animal feeding operations, and feedlots.

Date Published: 2/5/1998

Approach Taken By Michigan to Regulate Storm Water

Discharges from Construction Activities

Memo to Regions 1-10 state NPDES directors on the approach that Michigan has used to regulate storm water discharges from construction activities.

Date Published: 1/7/1994

Charter for the Wet Weather Flows Federal Advisory Committee

This charter established an Advisory Committee to address issues associated with water quality impacts from urban wet weather flows and other storm water discharges under Section 402(p)(6) of the Clean Water Act, in accordance with the Federal Advisory Committee Act. Filed with Congress on May 17, 1995.

Date Published: 5/17/1995

Coastal Zone Act Reauthorization Amendments (CZARA) Program Fact Sheet

This is a general fact sheet describing EPA's Coastal Nonpoint Pollution Control Program

Date Published: Unknown

Construction Site Stormwater Discharge Control: An Inventory of Current Practices

Information to assist municipalities in preparing the storm water management and sediment and erosion control program portions of their NPDES storm water permit application.

Date Published: 6/1/1991

Designation of Storm Water Discharges for Immediate Permitting

Memo informs regional and state offices of the authority to continue or initiate efforts to permit storm water discharges that are causing environmental problems.

Date Published: 8/8/1990

Discharge Monitoring Report (DMR) Form Instructions

Discharge Monitoring Report (DMR) Form Instructions

Date Published: Unknown

Draft Manual of Practice Identification of Illicit Connections

Draft guidance on techniques for municipalities identifying illegal connections to separate storm sewer systems.

Date Published: 9/1/1990

EPA Region 4 Construction General Permit (CGP)

Applies only in areas where EPA Region 4 is the NPDES permitting authority, as appeared in 65 FR 25122, April 28, 2000. The application (NOI) and termination (NOT) forms are the same as those used for the national CGP.

Date Published: 4/28/2000

EPA Region 6 Construction General Permit (CGP)

Region 6 CGP, as appeared in 63 FR 36490, July 6, 1998. Applies only in areas where EPA Region 6 is the NPDES permitting authority. The application (NOI) and termination (NOT) forms are the same as the ones listed above for the national permit.

Date Published: 7/6/1998

Economic Analysis of the Final Phase II Storm Water Rule

Provides EPA's Economic Analysis of the Phase II Storm Water Rule, a regulatory action which requires small municipalities and construction sites to implement best management practices to control storm water discharges. This analysis updates the benefit-cost analysis prepared for the proposed rule. This analysis is based on the final rule. Revisions have been made in response to internal agency review and comments received during the public comment period.

Date Published: 10/1/1999

Fact Sheet on Storm Water Program Phase II Extension Under the Water Resources Development Act

Memorandum explaining that the Clean Water Act was amended to extend the storm water moratorium date from October 1, 1992 to October 1, 1994.

Date Published: 12/3/1992

Final MSGP-2000 (65 FR 64746, October 30, 2000)

EPA Regions 1, 2, 3, 4, 6, 8, 9, and 10 have reissued EPA's NPDES storm water multi-sector general permit (MSGP) for industrial activities. This general permit was first issued on September 29, 1995 (60 FR 50804), and amended on February 9, 1996 (61 FR 5248), February 20, 1996 (61 FR 6412), September 24, 1996 (61 FR 50020), August 7, 1998 (63 FR 42534) and September 30, 1998 (63 R 52430).

Date Published: 10/30/2000

Form 1 General Information - Consolidated Permits Program

General Information (must be submitted by all facilities applying for an individual NPDES permit, with the exception of MS4s)

Date Published: 8/1/1990

Guidance Manual For the Preparation of Part 2 of the NPDES Permit Applications for Discharges from Municipal Separate Storm Sewer Systems

Technical assistance and support for all municipal separate storm sewer systems subject to NPDES program regulations for storm water point source discharges.

Date Published: 11/1/1992

Guidance Manual for Conditional Exclusion from Storm Water Permitting Based on "No Exposure" of Industrial Activities to Storm Water

Guidance manual for conditional exclusion from storm water permitting based on "No Exposure" of industrial activities to storm water under the Storm Water Phase II Final Rule.

Date Published: 6/1/2000

Guidance Manual for Implementing Municipal Storm Water Management Programs-Volume I-Planning and Administration

A comprehensive manual intended to provide practical guidance for municipalities on how to best implement their storm water management programs.

Date Published: 2/10/1998

Guidance Manual for the Monitoring and Reporting Requirements of the NPDES Storm Water Multi-Sector General Permit

Guidance document to assist facilities subject to monitoring and reporting requirements under the MSGP in complying with their visual, analytical and compliance monitoring requirements, and ensure proper reporting of laboratory results.

Date Published: 1/1/1999

Interim Permitting Approach for Water Quality-Based Effluent Limitations in Storm Water Permits

The policy addresses issues relating to the type of effluent limitations that are most appropriate for National Pollution Discharge Elimination (NPDES) storm water permits to provide for the attainment of water quality standards.

Date Published: 8/1/1996

Interpretive Policy Memorandum on Reapplication Requirements for Municipal Separate Storm Sewer Systems

Interpretive policy memorandum which clarifies the regulations which address reapplication requirements. Explains that MS4 permit applicants and NPDES permit writers have considerable discretion to customize appropriate and streamlined reapplication requirements on a case-by-case basis. (40 CFR Part 122; Federal Register, Volume 61, Number 155).

Date Published: 8/6/1996

Investigation of Inappropriate Pollutant Entries into Storm Drainage Systems: A User's Guide

Information to allow the design and conduct of local investigations to identify the types and to estimate the magnitudes of non-stormwater entries into storm drainage systems.

Date Published: 1/2/1993

MSGP-2000 Correction (66 FR 16233, March 23, 2001)

Technical correction of the final permit language for the NPDES storm water multi-sector general permits (MSGP).

Date Published: 3/23/2001

MSGP-2000 Correction (66 FR 1675, January 9, 2001)

Technical correction of the final permit language for the NPDES storm water multi-sector general permits (MSGP).

Date Published: 1/9/2001

MSGP-2000 Notice of Coverage for Alaska and Indian Country in Montana (66 FR 19483, April 16, 2001)

Final reissuance of the NPDES storm water multi-sector general permits (MSGP) for industrial activities for Alaska and for Indian Country in Montana.

Date Published: 4/16/2001

Measurable Goals Guidance for Phase II Small MS4s
The Measurable Goals Guidance is designed to assist small municipal separate storm sewer system (MS4) operators with developing measurable goals to fulfill storm water permitting requirements. The guidance also describes how to develop a storm water management program with BMPs and measurable goals.

Date Published: 10/30/2001

Model General Permit for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

Model permit provides guidance for states as they develop programs for small municipal separate storm sewer systems (MS4s) under Phase II of the Storm Water regulations.

Date Published: 5/1/2002

NPDES Form 2F Application

Application for permit to discharge storm water associated with industrial activity

Date Published: 1/1/1992

NPDES Form 3510-11: No Exposure Certification for Exclusion from NPDES Storm Water Permitting

Submission of this form is a requirement for facilities regulated by EPA who do not have any exposure of their industrial activity to storm water.

Date Published: Unknown

NPDES Storm Water Program: Question And Answer Document, Volume 2

Questions and answers on storm water (EPA 833-F-93-002B).

Date Published: 7/1/1993

NPDES Storm Water Program: Question and Answer Document, Volume 1

Series of questions and answers about implementing phase I of the storm water permitting program (EPA 833-F-93-002)

Date Published: 3/16/1992

NPDES Storm Water Sampling Guidance Document

Guidance of collecting samples under the storm water permitting program. This manual is primarily designed to assist industrial and medium and large MS4 operators/owners in planning for and fulfilling the NPDES storm water discharge sampling requirements for individual permit applications, as well as for other storm water sampling needs.

Date Published: 7/1/1992

National Menu of Best Management Practices for NPDES Storm Water Phase II

The Menu of BMPs contains 112 fact sheets that describe BMPs that can be used to fulfill the 6 minimum measures described in the Storm Water Phase II Rule (public education and outreach on storm water impacts; public involvement/participation; illicit discharge detection and elimination; construction site storm water runoff control; post-construction storm water management in new development and redevelopment; and pollution prevention/good housekeeping for municipal operations). The purpose of the Menu of BMPs is to provide a list from which regulated small MS4s can select as they submit a notice of intent (NOI) to be covered by a general permit and also by states, the construction industry, and other stakeholders. Each fact sheet contains cost and effectiveness data, applicability, siting and design considerations, benefits, and limitations as well as case studies and resources for further information.

Date Published: 10/27/2000

Nonpoint Source Control Program Fact Sheet

Nonpoint source (NPS) pollution generally results from land runoff, atmospheric deposition, drainage, or seepage of contaminants. The major sources of nonpoint pollution are agriculture runoff, runoff from urban areas, and runoff from silviculture areas.

Date Published: Unknown

Notice of Intent (NOI) for Storm Water Discharges Associated with Construction Activity

Application for construction general permit (CGP) where EPA is the NPDES permitting authority. Note: Even though this publication is a PDF file, this document allows the user to type directly onto the form while open in the Adobe Acrobat Reader. Users can enter their facility information on the form, print it off, and mail it to the Storm Water NOI Center.

Date Published: Unknown

Notice of Intent (NOI) for Storm Water Discharges Associated with Industrial Activity Under the Multi-sector NPDES General Permit

Submission of a Notice of Intent (NOI) constitutes notice that the entity intends to be authorized to discharge pollutants to waters of the United States under EPA's Storm Water Multi-sector General Permit (MSGP).

Note: Even though this publication is a PDF file, this document allows the user to type directly onto the form while open in the Adobe Acrobat Reader. Users can enter their facility information on the form, print it off, and mail it to the Storm Water NOI Center.

Date Published: 8/1/2000

Notice of Termination (NOT) of Coverage Under NPDES General Permit for Storm Water Discharges Associated with Industrial Activity

Notice of Termination (NOT) form to discontinue coverage under NPDES general permit for Storm Water Discharges Associated with Industrial Activity
Date Published: Unknown

Oil and Gas Extraction Construction Activities

This letter from the Office of Water clarifies EPA's position on the applicability of NPDES storm water construction permits to clearing, grading, and excavating at oil and gas extraction sites.
Date Published: 8/1/2001

Overview of the Storm Water Program

Guidance providing a general overview of the storm water program including information on its statutory basis, environmental impacts, the coverage and various applications available under Phase I.
Date Published: 6/1/1996

Policy for End of Moratorium for Stormwater Permitting

Memorandum describing EPA's approach for dealing with Phase II storm water sources
Date Published: 10/18/1994

Proposed MSGP-2000 (65 FR 17010, March 30, 2000)

EPA Regions 1, 2, 3, 4, 6, 8, 9, and 10 proposed to reissue EPA's NPDES storm water multi-sector general permit (MSGP) for industrial activities. This general permit was first issued on September 29, 1995 (60 FR 50804), and amended on February 9, 1996 (61 FR 5248), February 20, 1996 (61 FR 6412), September 24, 1996 (61 FR 50020), August 7, 1998 (63 FR 42534) and September 30, 1998 (63 R 52430). This proposed MSGP was revised and issued as a final permit on October 30, 2000.
Date Published: 3/30/2000

Reissuance of the NPDES General Permit for Storm Water Discharges from Construction Activities - the National Construction General Permit (CGP)

General permit for storm water discharges from construction activities disturbing 5 acres or greater under the phase I NPDES storm water program. Parts 1-4 of 63 FR 7858, February 17, 1998 for Regions 1, 2, 3, 5, 7, 8, 9, and 10 where EPA is the permitting authority.
Date Published: 2/17/1998

Report to Congress on the Phase II Storm Water Regulations

Contains 1) an in-depth impact analysis on the effect the final regulations will have on urban, suburban, and rural local gov'ts subject to the regs; 2) an explanation of the rational of the Administrator for lowering the construction site threshold from 5 acres to 1 acre; 3) documentation demonstrating that storm water runoff is generally a problem in communities w/ populations of 50,000 to 100,000; and 4) information that supports the position of the administrator that the Phase II storm water program should be administered as part of the National Pollutant Discharge Elimination System under sectionn 402 of the Federal Water Pollution Control Act (33 U.S.C. 1342) (EPA-833-R-99-001).
Date Published: 10/1/1999

Report to Congress on the Phase I Storm Water Regulations

Reports on the accomplishments of the NPDES Phase I storm water program.
Date Published: 2/1/2000

Sediment and Erosion Control: An Inventory of Current Practices

Guidance for municipalities on effective erosion and sediment controls related to storm water discharges.
Date Published: 4/20/1990

Separate Storm Sewers

Policy memo on separate storm sewers.
Date Published: 9/11/1979

Storm Water Enforcement Strategy

Storm Water Enforcement Strategy FY 1994-1995
Date Published: 1/12/1994

Storm Water Management Fact Sheet: Coverings

EPA 832-F-99-009
Date Published: 9/1/1999

Storm Water Management Fact Sheet: Dust Control

Dust controls reduce the surface and air transport of dust, thereby preventing pollutants from infiltrating into storm water. Control measures are often instituted in industrial areas or in areas where land is being disturbed (EPA 832-F-99-003).
Date Published: 9/1/1999

Storm Water Management Fact Sheet: Employee Training

EPA 832-F-99-010
Date Published: 9/1/1999

Storm Water Management Fact Sheet: Internal Reporting

Internal reporting provides a framework for "chain-of-command" reporting of storm water management issues. Typically, a facility develops a Storm Water Pollution Prevention Team (SWPPT) concept for implementing, maintaining, and revising the facility's Storm Water Pollution Prevention Plan (SWPPP) (EPA 832-F-99-020).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Materials Inventory

A materials inventory system involves the identification of all sources and quantities of "significant" materials that may be exposed to direct precipitation or storm water runoff at a particular site (EPA 832-F-99-021).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Minimizing Effects from Highway Deicing

EPA 832-F-99-016

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Non-Storm Water Discharges

Identifying and eliminating non-storm water discharges to storm sewers is an important and very cost-effective Best Management Practice (BMP) for improving runoff water quality. Non-storm water discharges can include discharges of process water, air conditioner condensate, non-contact cooling water, vehicle wash water, or sanitary wastes, and are typically the result of unauthorized connections of sanitary or process wastewater drains to storm sewers (EPA 832-F-99-022).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Record Keeping

Keeping records of spills, leaks, and other discharges can help a facility run more efficiently and cleanly. Records of past spills contain useful information for improving Best Management Practices (BMPs) to prevent future spills. Typical items that should be recorded include the results of routine inspections, and reported spills, leaks, or other discharges (EPA 832-F-99-005).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Spill Prevention Planning

Spill prevention is prudent both economically and environmentally, because spills increase operating costs and lower productivity. An important tool in preventing spills is a Spill Prevention Plan (EPA 832-F-99-071).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Storm Water Contamination Assessment

A Storm Water Contamination Assessment (SWCA) reviews a facility and/or a site to find materials or practices that may contaminate storm water. This assessment helps target the most important pollutant sources for correction or prevention (EPA 832-F-99-024).

Date Published: 9/1/1999

Storm Water Management Fact Sheet: Visual Inspections

Visual inspection is a Best Management Practice (BMP) in which members of a Storm Water Pollution Prevention Team visually examine material storage and outdoor processing areas, the storm water discharges from such areas, and the environment in the vicinity of the discharges, to identify contaminated runoff and its possible sources (EPA 832-F-99-046).

Date Published: 9/1/1999

Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices

Manual provides detailed guidance on the development of storm water pollution prevention plans (SWPPP) and identification of best management practices (BMPs) for construction activities. It provides technical assistance and support for all construction activities subject to pollution prevention requirements established under NPDES permits for storm water point source discharges. It includes a set of worksheets, a checklist, and a sample SWPPP (EPA 832-R-92-005).

Date Published: 9/1/1992

Storm Water Management for Construction Activities: Summary Guidance on Developing Pollution Prevention Plans and Best Management Practices

Summary guidance on the development of storm water pollution prevention plans (SWPPP) and identification of best management practices (BMPs) for construction activities (EPA 832-R-92-001).

Date Published: 10/1/1992

Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best Management Practices

This document provides guidance on the storm water pollution prevention plan (SWPPP) requirements for industrial (non-construction) activity under the NPDES Storm Water Program. It includes a set of worksheets, a checklist, and a sample SWPPP (EPA 832-R-92-006).

Date Published: 9/1/1992

Storm Water Management for Industrial Activities: Summary Guidance on Developing Pollution Prevention Plans and Best Management Practices
Summary guidance on the storm water pollution prevention plan (SWPPP) requirements for industrial (non-construction) activity under the NPDES Storm Water Program (EPA 832-R-92-002).
Date Published: 10/1/1992

Storm Water Operation and Maintenance Fact Sheet: Catch Basin Cleaning
Catch basins are chambers or sumps, usually built at the curb line, which allow surface water runoff to enter the storm water conveyance system (EPA 832-F-99-011)
Date Published: 9/1/1999

Storm Water Operation and Maintenance Fact Sheet: Preventative Maintenance
Preventive maintenance involves the regular inspection, testing, and replacement or repair of equipment and operational systems. As a storm water best management practice (BMP), preventive maintenance should be used to monitor systems built to control storm water (EPA 832-F-99-004)
Date Published: 9/1/1999

Storm Water Operation and Management Fact Sheet: Handling and Disposal of Residuals
EPA 832-F-99-015
Date Published: 9/1/1999

Storm Water Phase II Compliance Assistance Guide
Guidance document intended to aid regulated entities in complying with the Storm Water Phase II final rule. (EPA 833-R-00-002)
Date Published: 3/1/2000

Storm Water Phase II Final Rule Fact Sheet 1.0: An Overview
Fact sheet that provides a broad overview of the NPDES Storm Water Phase II Final Rule (EPA 833-F-00-001).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.0: Small MS4 Storm Water Program Overview
Fact sheet that provides and overview of the requirements for small MS4s under the Storm Water Phase II Final Rule (EPA 833-F-00-002).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.10: Federal and State Operated MS4s: Program Implementation
This fact sheet provides information on stormwater Phase II program implementation for federal and state operated MS4s (EPA 833-F-00-012).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.1: Who's Covered? Designation and Waivers of Regulated Small MS4s
In this fact sheet, the definition of an MS4 and the distinction between small, medium, and large MS4s is reviewed. Conditions under which a small MS4 may be designated as a regulated small MS4, as well as the conditions for a waiver from the Phase II program requirements, are outlined. This fact sheet also attempts to clarify possible implementation issues related to determining one's status as an operator of a regulated small MS4 (EPA 833-F-00-003).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.2: Urbanized Areas: Definition and Description
This fact sheet provides information on what defines an urbanized area under the Phase II final rule for storm water (EPA 833-F-00-004).
Date Published: 12/1/1999

Storm Water Phase II Final Rule Fact Sheet 2.3: Public Education and Outreach Minimum Control Measure
This fact sheet profiles the Public Education and Outreach minimum control measure, one of six measures an operator of a Phase II-regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) storm water permit. This fact sheet outlines the Phase II Final Rule requirements and offers some general guidance on how to satisfy them (EPA 833-F-00-005).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.4: Public Participation/Involvement Minimum Control Measures
This fact sheet profiles the Public Participation/Involvement minimum control measure, one of six measures the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements and offers some general guidance on how to satisfy them (EPA 833-F-00-006).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.5: Illicit Discharge Detection and Elimination Minimum Control Measure

This fact sheet profiles the Illicit Discharge Detection and Elimination minimum control measure, one of six measures the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements and offers some general guidance on how to satisfy them (EPA 833-F-00-007).

Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.6: Construction Site Runoff Control Minimum Control Measure

This fact sheet profiles the Construction Site Runoff Control minimum control measure, one of six measures that the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements and offers some general guidance on how to satisfy them (EPA 833-F-00-008).

Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.7: Post Construction Runoff Control Minimum Control Measure

This fact sheet profiles the Post-Construction Runoff Control minimum control measure, one of six measures that the operator of a Phase II regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit.

This fact sheet outlines the Phase II Final Rule requirements for post-construction runoff control and offers some general guidance on how to satisfy those requirements (EPA 833-F-00-009).

Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.8: Pollution Prevention/Good Housekeeping Minimum Control Measure

This fact sheet profiles the Pollution Prevention/Good Housekeeping for Municipal Operations minimum control measure, one of six measures the operator of a Phase II

regulated small municipal separate storm sewer system (MS4) is required to include in its storm water management program to meet the conditions of its National Pollutant Discharge Elimination System (NPDES) permit. This fact sheet outlines the Phase II Final Rule requirements and offers some general guidance on how to satisfy them (EPA 833-F-00-010).
Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 2.9: Permitting and Reporting: The Process and Requirements

This fact sheet describes the process and requirements of permitting and reporting for small municipal separate storm sewer system (MS4s) operators to meet Stormwater Phase II Rule requirements (EPA 833-F-00-011).

Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 3.0: Small Construction Program Overview

This fact sheet provides an overview of the Storm Water Phase II Final Rule Small Construction Program Overview (EPA 833-F-00-013).

Date Published: 1/1/2000

Storm Water Phase II Final Rule Fact Sheet 3.1: Low Rainfall Erosivity Waiver

This fact sheet profiles the Construction Rainfall Erosivity Waiver (EPA 833-F-00-014).

Date Published: 1/1/2001

Storm Water Phase II Final Rule Fact Sheet 4.0: Conditional No Exposure Exclusion for Industrial Activity

This fact sheet describes the Stormwater Phase II Final Rule Conditional No Exposure Exclusion for Industrial Activity (EPA 833-F-00-015).

Date Published: 1/1/2000

Storm Water Phase II: Controlling Pollutants in Industrial Storm Water Recommended Control Measure Based on Experiences of the City of Portland, Oregon

Profiles the requirements for the owner or operator of a Phase I regulated MS4 to monitor and control pollutants in storm water runoff from industrial facilities. This is not a requirement for the owner or operator of a Phase II regulated small MS4. Profiles the experiences and results of the City of Portland, Oregon, a municipality regulated under Phase I.

Date Published: 2/1/2000

Storm Water Program List of Medium and Large MS4s

Preliminary list of MS4 operators which are or will be permitted under Phase I of the Storm Water Program. Organized alphabetically by state abbreviation, then entity name.

Date Published: Unknown

Storm Water Resource Guide for California

Provides a list of helpful resources (titles, abstracts, and contacts) to aid in the implementation of a storm water management program (includes documents, special programs and initiatives, newsletters, and more)

Date Published: 4/1/1995

Storm Water Technology Fact Sheet: Airplane Deicing Fluid Recovery Systems

EPA 832-F-99-043
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Bioretention

EPA 832-F-99-012
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Flow Diversion

EPA 832-F-99-014
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Hydrodynamic Separators

Hydrodynamic separators are flow-through structures with a settling or separation unit to remove sediments and other pollutants that are widely used in storm water treatment (EPA 832-F-99-017)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Infiltration Drainfields

Infiltration drainfields are innovative technologies that are specially designed to promote storm water infiltration into subsoils. These drainfields help to control runoff and prevent the contamination of local watersheds (EPA 832-F-99-018)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Infiltration Trench

Urban development is significantly increasing surface runoff and contamination of local watersheds. As a result, infiltration practices, such as infiltration trenches, are being employed to remove suspended solids, particulate pollutants, coliform bacteria, organics, and some soluble forms of metals and nutrients from storm water runoff (EPA 832-F-99-019)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Modular Treatment System

Describes modular systems for treating storm water. One of the primary modular storm water treatment systems currently on the market is the StormTreat TM System, or STS. The STS, which was developed in 1994, is a storm water treatment technology consisting of a series of sedimentation chambers and constructed wetlands (EPA 832-F-99-044)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Porous Pavement

Porous pavement is a special type of pavement that allows rain and snowmelt to pass through it, and thereby reducing the runoff from a site and surrounding areas. In addition, porous pavement filters some pollutants from the runoff if maintained (EPA 832-F-99-023)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Sand Filters

Sand filters have proven effective in removing several common pollutants from storm water runoff. Sand filters generally control storm water quality, providing very limited flow rate control (EPA 832-F-99-007).
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Storm Water Wetlands

Wetlands are those areas that are typically inundated with surface or ground water and that support plants adapted to saturated soil conditions. Wetlands used for storm water treatment can be incidental, natural, or constructed (EPA 832-F-99-025)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Turf Reinforcement Mats

Describes the use of turf reinforcement mats (TRMs). TRMs combine vegetative growth and synthetic materials to form a high-strength mat that helps to prevent soil erosion in drainage areas and on steep slopes (EPA 832-F-99-002)
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Vegetated Swales

A vegetated swale is a broad, shallow channel with a dense stand of vegetation covering the side slopes and bottom. Swales can be natural or manmade, and are designed to trap particulate pollutants (suspended solids and trace metals), promote infiltration, and reduce the flow velocity of storm water runoff (EPA 832-F-99-006).
Date Published: 9/1/1999

Storm Water Technology Fact Sheet: Vegetative Covers

Soil erosion and sedimentation caused by vegetation removal, soil disturbances, changes to natural drainage patterns, or increases in impermeable ground cover are two of the primary problems associated with storm water runoff. One of the most effective ways to prevent erosion and sedimentation is to stabilize disturbed land through the addition of vegetation. This practice is referred to as "vegetative covering" (EPA 832-F-99-027).
Date Published: 9/1/1999

**Storm Water Technology Fact Sheet: Water Quality
Inlets**

EPA 832-F-99-029

Date Published: 9/1/1999

**Storm Water Technology Fact Sheet: Wet Detention
Ponds**

Wet detention ponds are storm water control structures providing both retention and treatment of contaminated storm water runoff (EPA 832-F-99-048)

Date Published: 9/1/1999

Stormwater Pollution Abatement Technologies

Publication covers current technologies and management practices employed in remediating contaminated urban stormwater runoff.

Date Published: 9/1/1994

Urbanized Area

Figure depicting an urbanized area and its surrounding areas.

Date Published: Unknown