
EPA Docket Number EPA-HQ-OW-2014-0170 (www.regulations.gov)

September 2014

DCN 07985
1.0 Overview

Under the Clean Water Act (CWA), EPA establishes technology-based national regulations, termed “effluent limitations guidelines and standards,” to reduce pollutant discharges from categories of industrial facilities to waters of the United States. Under the CWA, EPA similarly establishes technology-based regulations, termed “pretreatment standards” to reduce indirect pollutant discharges from industrial facilities to waters of the United States.

The CWA also specifies effluent guideline planning and review requirements. There are different requirements for direct and indirect dischargers, but both specify annual review of promulgated effluent guidelines and pretreatment standards. For direct dischargers, the CWA requires EPA to publish an Effluent Guidelines Program Plan every two years after allowing for public review and comment on the plan prior to final publication.


2.0 Background Information on the Docket

What is the Docket and How Can I Gain Access to It?

Docket ID No. EPA-HQ-OW-2014-0170 is the official docket for EPA’s Preliminary 2014 Plan and its 2013 annual review of existing effluent limitations guidelines. The official docket consists of the documents specifically referenced in the Federal Register notices of these actions, any public comments received, and other related information. Although it is a part of the official docket, Confidential Business Information (CBI) or other information whose disclosure is restricted by statute is not included in the materials available to the public.

The official public docket is the collection of electronic and hard copy materials that is available for public viewing at the Water Docket in the EPA Docket Center, (EPA/DC), located in the EPA Headquarters Library, WJC West Building, Room Number 3334, 1301 Constitution Ave., NW, Washington, DC. An electronic version of the public docket is available through a federal-wide electronic docket management system located at www.regulations.gov.

You may use the Regulations.gov web site to view public comments, access a listing of the contents of the official docket, and access those documents in the public docket that are available electronically. Certain documents are not available in the electronic docket system. These documents include but are not limited to copyright-protected material; physical objects such as maps, aerial photographs, colored charts; and information that has been claimed as confidential business information.

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confidential. Although not all docket materials may be available electronically, you may still access any of the publicly-available docket materials at the EPA Docket Center.

Can I retrieve information that has been claimed “Confidential Business Information?”

The docket contains some documents that contain confidential business information (CBI). CBI documents are not available for review by the public, and are not filed in the Water Docket in the EPA Docket Center. Some documents are classified as CBI because companies providing the information specifically claimed certain information (e.g., operating or financial data) as CBI. Other documents are classified as CBI because release of these documents could indirectly reveal information claimed to be confidential.

How is the Docket for EPA’s Preliminary 2014 Plan related to the Docket for the 2012 Effluent Guidelines Program Plan?


3.0 ACCESSING INFORMATION IN THE DOCKET

How Do I Find Documents in the Docket?

Water Docket in the EPA Docket Center

The official public docket is the collection of electronic and hard copy materials that is available for public viewing at the Water Docket in the EPA Docket Center, (EPA/DC), located in the EPA Headquarters Library, WJC West Building, Room Number 3334, 1301 Constitution Ave., NW, Washington, DC. The Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Public Reading Room is (202) 566–1744, and the telephone number for the Water Docket is (202) 566–2426. You can also contact the Water Docket via e-mail: OW-Docket@epa.gov.

Regulations.gov

You will find instructions for using Regulations.gov on its Internet home page. Regulations.gov provides limited electronic search capabilities. If you know the Document ID Number (e.g., EPA-HQ-OW-2014-0170-0001) of the document you wish to view, you can type that number directly into the field beneath the “Enter Keyword or ID.”
If you do not know the specific Document ID Number, you can input the docket identification number (EPA-HQ-OW-2014-0170) in the field beneath the “Enter Keyword or ID” heading and click Search. You will now see a listing of the contents of the official docket in the public record. The listing includes the Document Title (e.g., “Notice of Availability of Final 2012 and Preliminary 2014 Effluent Guidelines Program Plans and 2012 and 2013 Annual Effluent Guidelines Review Reports”), Document ID Number (e.g., EPA-HQ-OW-2014-0170-0001), Date Posted (e.g., “09/16/2014”), Document Type (e.g., “Notice”), and other information.

You have several options to narrow your search within the docket listing by using the filters under the “Select Document Type” field. For example, you can specify the Document Type (e.g., Public Submissions, Notices, or Rules) as well as status (e.g. Open for Comment/Submission).

How are Documents Organized in the EPA-HQ-OW-2014-0170 Docket?

Each document in the docket has two document identification numbers. One is the Regulations.gov Document ID Number (e.g., EPA-HQ-OW-2014-0170-0002) that was assigned when EPA added the document to the official docket. The last four digits are the unique consecutive regulations.gov document ID. The second is the document control number (DCN) that was assigned during the development of the document (e.g., DCN 07756). In documents prepared for the docket, EPA typically identified references by their DCN. The DCN appears at the end of the document titles in the Document Title field listed in Regulations.gov (e.g., “The Final 2012 and Preliminary 2014 Effluent Guidelines Program Plans - DCN 07756”).

What is the Docket EPA-HQ-OW-2014-0170 Subject Outline?

EPA has prepared a subject outline of the documents included in EPA-HQ-OW-2014-0170 to help you locate documents that address related topics or subjects. The subject outline for EPA-HQ-OW-2014-0170 is provided in Attachment 1. With the exception of public submissions, each document in the docket has been assigned to an outline section.

What is the Docket EPA-HQ-OW-2014-0170 Subject Index?

The docket EPA-HQ-OW-2014-0170 subject index is a list of documents in the docket, sorted by subject outline section, available as Attachment 2 to this document. Because of its size, Attachment 2 is available separately, at DCN 07986. The subject index summarizes certain information for each document, including the subject outline section, Regulations.gov Document ID Number, DCN, document title, author, and abstract. EPA assigned each document to a subject outline section during the development of the document. Public Submissions (comments) that were submitted directly to the docket by the public also have DCNs and are included in the subject index.
The subject index for the docket includes the following fields:

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<th>Field Name</th>
<th>Description</th>
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<td>Author</td>
<td>Author of document (Last name, first full name).</td>
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<tr>
<td>Author Date</td>
<td>Date of publication, issue, edition, or version. Actual date of meeting or</td>
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How Do I Use the Subject Listing to Find Documents in the Docket?

Review the subject outline to determine which section may contain the documents of interest. Then, locate documents for that section in the index and note their Regulations.gov Document ID Number. Documents available electronically can be accessed through Regulations.gov. Other documents can be reviewed at the Water Docket in the EPA Docket Center in Washington, DC. See information on the Water Docket above. You may also be able to locate copyright protected materials (for example, articles from technical publications) at an academic or public library.
4.0 FURTHER INFORMATION

The primary contact regarding questions or comments on Docket ID No. EPA-HQ-OW-2014-0170, the 2013 Annual Review, and the Preliminary 2014 Effluent Guidelines Program Plan is:

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SUBJECT OUTLINE FOR THE 2013 ANNUAL REVIEW
AND THE PRELIMINARY 2014 EFFLUENT GUIDELINES PROGRAM PLAN
DOCKET
EPA-HQ-OW-2014-0170
2013 Annual Review and Preliminary 2014 Effluent Guidelines Program Plan Docket Subject Outline

Docket OW-2014-0170

The following existing sections include the docket materials for the 2004 Effluent Guidelines Program Plan.

1 Docket OW-2003-0074: Background Documents (includes TSD and appendices)

2 Docket OW-2003-0074: Screening Level Review (supporting 2004 Plan)

3 Docket OW-2003-0074: Industry Rankings

The following sections will be used to organize the docket and project file materials for the 2006, 2008, 2010, 2012 and 2014 Effluent Guidelines Program Plans.

4 Docket OW-2003-0074: Public Comments

   Docket EPA-HQ-OW-2004-0032
   Docket EPA-HQ-OW-2003-0074
   Docket EPA-HQ-OW-2006-0771
   Docket EPA-HQ-OW-2008-0517
   Docket EPA-HQ-OW-2010-0824
   Docket EPA-HQ-OW-2014-0170

5 No entries

6 Federal Register Notices, Outreach Materials, and Other Background Documents

   6.1 Previous Dockets, by reference
   6.2 Federal Register Notices
   6.3 Outreach Efforts
   6.4 Technical Support Documents and Appendices

7 Public and Inter-Agency Comments

   7.1 Public Comments on the 2004 Effluent Guidelines Program Plan
   7.2 Public Comments on the Preliminary 2006 Effluent Guidelines Program Plan
   7.3 Public Comments on the Final 2006 Effluent Guidelines Program Plan
   7.4 Public Comments on the Preliminary 2008 Effluent Guidelines Program Plan
   7.5 Public Comments on the First CBM ICR (January 2008)
   7.6 Public Comments on the first HCI ICR (August 2008)
   7.7 Public Comments on the Final 2008 Effluent Guidelines Program Plan
   7.8 Public Comments on the Preliminary 2010 Effluent Guidelines Program Plan
   7.9 Public Comments on the Final 2010 Effluent Guidelines Program Plan
   7.10 Public Comments on the Preliminary 2012 Effluent Guidelines Program Plan
   7.11 Public Comments on the Final 2012 Effluent Guidelines Program Plan
   7.12 Public Comments on the Preliminary 2014 Effluent Guidelines Program Plan
8   CWA §304(g) Review

Review of the pretreatment standards for industrial point source categories composed entirely or almost entirely of indirect dischargers.

8.1 Food Service Establishments
8.2 Industrial Laundries
8.3 Photo-processing
8.4 Printing and Publishing
8.5 Health Services Industries
   8.5.1 Independent and Stand-alone Medical and Dental Laboratories
   8.5.2 Offices and Clinics of Doctors of Medicine
   8.5.3 Offices and Clinics of Dentists
   8.5.4 Nursing and Personal Care Facilities
   8.5.5 Veterinary Care Services
   8.5.6 Hospitals and Clinics
   8.5.7 Health Services Industries Economic Information
8.6 Independent and Stand-alone Laboratories
8.7 Industrial Container and Drum Cleaning (ICDC)
8.8 Tobacco Products Processing
8.9 Correctional Institutions (Prisons)

9   Screening-Level Reviews

Screening-level review of existing guidelines and standards and new categories.

9.1 Analyses of the Toxics Release Inventory
   Plan, database, QC checks (including telecons)
9.2 Analyses of Permit Compliance System data Plan, ICIS-NPDES Data Plan, database, QC
   checks (including telecons)
9.3 Other Screening-Level Data Sources NAICS/SIC/Point Source Category Crosswalks
9.4 Screening-Level Review Reports
   QA Project Plans for TRI and PCS Analysis,
   2005 Screening-Level Analysis Report
   Nutrients Memo
9.5 Toxic Weighting Factor Development

10  Existing Guidelines and Standards Review

Further review based on National Strategy Factors, of industries with existing guidelines and standards, prioritized during screening-level review. The National Strategy Factors are: 1) human health and environment hazards; 2) technology innovation and process changes; 3) economics; 4) implementation and efficiency considerations.

10.1 Preliminary Review Reports Review of Prioritized Categories of Industrial Dischargers

All existing categories are listed below. Potential new subcategories are included with their
parent category. If no materials specific to a category are collected, the section will be identified as “no entries.” Materials collected in support of detailed studies are organized in additional sections, following Section 11.

10.2 Aluminum Forming, Part 467  
10.3 Aquatic Animal Production Industry, Part 451  
10.4 Asbestos Manufacturing, Part 427  
10.5 Battery Manufacturing, Part 461  
10.6 Centralized Waste Treaters, Part 437  
10.7 Canned and Preserved Seafood, Part 408  
10.8 Carbon Black Manufacturing, Part 458  
10.9 Cement Manufacturing, Part 411  
10.10 Coal Mining, Part 434  
10.11 Coil Coating, Part 465  
10.12 Concentrated Animal Feeding Operations, Part 412  
10.13 Copper Forming, Part 468  
10.14 Dairy Products Processing, Part 405  
10.15 Electrical and Electronic Components, Part 469  
10.16 Electroplating, Part 413  
10.17 Explosives, Part 457  
10.18 Ferroalloy Manufacturing, Part 424  
10.19 Fertilizer Manufacturing, Part 418  
10.20 Fruits and Vegetable Processing, Part 407  
10.21 Glass Manufacturing, Part 426  
10.22 Grain Mills Manufacturing, Part 406  
10.23 Gum and Wood Chemicals, Part 454  
10.24 Hospitals, Part 460  
10.25 Ink Formulating, Part 447  
10.26 Inorganic Chemicals, Part 415  
10.27 Iron and Steel Manufacturing, Part 420  
10.28 Landfills, Part 445  
10.29 Leather Tanning and Finishing, Part 425  
10.30 Meat and Poultry Products, Part 432  
10.31 Metal Finishing, Part 433  
10.32 Metal Molding and Casting (Foundries), Part 464  
10.33 Metal Products and Machinery, Part 438  
10.34 Mineral Mining and Processing, Part 436  
10.35 Nonferrous Metals Forming and Metal Powders, Part 471  
10.36 Nonferrous Metals Manufacturing, Part 421  
10.37 Oil & Gas Extraction, Part 435  
10.37.1 Coalbed Methane  
10.37.2 Shale Gas Extraction  
10.38 Ore Mining and Dressing, Part 440  
10.39.1 Chemical Formulating, Packaging and Repackaging  
10.39.2 Biodiesel, Ethanol, and Other Biofuels  
10.40 Paint Formulating, Part 446
10.41 Paving and Roofing Materials (Tars and Asphalt), Part 443
10.42 Pesticide Chemicals Manufacturing, Formulation and Repackaging, Part 455
10.43 Petroleum Refining, Part 419
  10.43.1 Petroleum Bulk Stations and Terminals (PBST)
10.44 Pharmaceutical Manufacturing, Part 439
10.45 Phosphate Manufacturing, Part 422
10.46 Photographic, Part 459
10.47 Plastic Molding and Forming, Part 463
10.48 Porcelain Enameling, Part 466
10.49 Pulp, Paper, and Paperboard, Part 430 (materials not related to detailed study, e.g., Phase III permit writers support materials)
10.50 Rubber Manufacturing, Part 428
10.51 Soaps and Detergents Manufacturing, Part 417
10.52 Steam Electric Power Generation, Part 423
10.53 Sugar Processing, Part 409
10.54 Textile Mills, Part 410
10.55 Timber Products Processing, Part 429
10.56 Transportation Equipment Cleaning, Part 442
10.57 Waste Combustors (Commercial Incinerators Combusting Hazardous Waste), Part 444

11 Review of Categories Without Existing Guidelines

11.1 Airport Deicing Operations
11.2 Water Supply (Drinking Water Treatment)
11.3 Miscellaneous Foods and Beverages
  11.4.1 Distilled and Blended Liquor
  11.4.2 Malt Beverages
  11.4.3 Soybean Oil Mills
  11.4.4 Miscellaneous Foods and Beverages Economic Information
11.4 Liquefied Natural Gas Import Terminals
11.5 Biofuel Manufacturing
11.6 Nanomaterials Manufacturing and Production Use

12 Water Pollution Control Technologies, Water Reuse, Water Conservation
Include information about pollution prevention, wastewater treatment, and other wastewater pollution control technologies that applies to multiple point source categories. Technologies or case studies that focus on one category should be included in the section for the category or detailed study.

12.1 Water Conservation Issues
12.2 Wastewater Treatment Technologies Investigation

13 Steam Electric Power Generation Detailed Study (closed as of December 2009)

13.1 Study Plans
  Detailed Study Plan, QA Project Plan
13.2 Industry Profile
13.3 NPDES Permits
13.4 Stakeholder Meeting Material
13.5 Pollution Control Technologies and Their Costs
13.6 Industry Surveys
13.7 Detailed Study Reports
13.8 Site Visits
13.9 Sampling
13.10 EPA Data Request Development Files
13.11 Technology Options, Costs, and Loads
13.12 Environmental Assessment Documentation

14 Tobacco Products Processing Detailed Study (closed as of December 2006)

14.1 Study Plans (Detailed Study Plan, QA Project Plan)
14.2 Industry Profile (include information on companies and individual plants)
14.3 Site Visits, Sampling and Analysis (include pre-sampling telephone contact reports)
14.4 Pollution Control Technologies and Their Costs
14.5 Detailed Study Reports
14.6 Tobacco Products Economic Information

15 Pulp, Paper, and Paperboard Detailed Study (closed as of December 2006)

15.1 Study Plans (Detailed Study Plan)
15.2 Industry Information
   Meeting summary, AF&PA disputed loads letter with enclosures, AF&PA minimum monitoring letter with enclosures, Mill discharge data (i.e., minor discharger, Washington mills), Phase I Mill Industry Profile.
   Draft TRI Guidance Document, TAPPI paper Comparing Chlorinated Phenolic loadings
15.2.1 Pulp and Paper Industry Economic Information
15.3 Quality Review
   Designation of SIC codes into Phase, Changes to Phases, telecons (i.e., Kimberly-Clark Everett WA, Weyerhaeuser surface impoundment, IP-Cantonment Permit Status)
15.4 NPDES Permits (Includes factsheets and communication from mills that defined outfalls)
   15.4.1 Phase I mill permits
   15.4.2 Phase II mill permits
15.5 Detailed Study Reports

16 Coal Mining Detailed Study (closed as of 2006)

16.1 Study Plans (Detailed Study Plan, QAPP)
16.2 Industry profile for the coal mining industry
16.3 Pollutant loads
   Data Obtained from states and IMCC
   Pollutant Loads Concept Memo
   Loads spreadsheets and results
16.4 Treatment technologies and costs
   Model mine memo, AMD Treat review, costing spreadsheets and results
16.5 Environmental assessment
   Memos addressing “Key questions”
Articles collected related to impacts of manganese

16.6 Flight 93 Memorial Site Information
   Joanne Hanley e-mails, Lenny Lichvar document, PBS Coals letters

16.7 Non-CWA Regulations (SMCRA, Other Federal, and State Laws)

16.8 Economics, Bonds, and Trust Funds

17  Health Care Detailed Study

17.1 Study Plans and Reports
17.2 Dental Hg Industry Profile and Background Information (including wastewater characteristics, regulations, guidance)
17.3 Dental Hg BMPs, Control Technologies, and their Costs
17.4 Dental Hg POTW Treatment Efficiencies, pass through, and interferences
17.5 Dental Hg Economic Information
17.6 Dental Hg Meetings
17.7 Unused Pharmaceuticals Industry Profile and Background Information (including wastewater characteristics, regulations, guidance)
17.8 Unused Pharmaceuticals Data Request and Responses
17.9 Unused Pharmaceuticals BMPs, Control Technologies, and their Costs
17.10 Unused Pharmaceuticals POTW Treatment Efficiencies, pass through, and interferences
17.11 Unused Pharmaceuticals Economic Information
17.12 Unused Pharmaceuticals Meetings and Site Visits

18  Coalbed Methane Detailed Study

18.1 Plans
18.2 Stakeholder Meetings
18.3 Site Visits/Sampling
18.4 Industry Survey Development and Distribution
   18.4.1 Questionnaire Development
   18.4.2 Survey Sampling Strategy includes development of mailing list
   18.4.3 Information Collection Request includes burden estimate, drafts of ICRs
18.5 Industry Survey Results
   18.5.1 Responses raw completed questionnaires
   18.5.2 Database(s)
18.6 Technical Background Information
   18.6.1 Produced water quality and volume data
   18.6.2 Reuse and Treatment Technologies technology performance and costs
18.7 Economic Background Information
18.8 Environmental Assessment Background Information
18.9 Detailed Study Reports

19  EPA’s Even Year Analyses

19.1 Review of Industrial Pollutants in Sewage Sludge
19.2 Review of EPA Chemical Action Plans
19.3 Review of Air Regulations
19.4 Review of TRI Industry Sectors Expansion
19.5 Review of Analytical Methods
SUBJECT INDEX LISTING ALL DOCUMENTS SUPPORTING
THE 2013 ANNUAL REVIEW AND THE
PRELIMINARY 2014 EFFLUENT GUIDELINES PROGRAM PLAN
Attachment 3

DOCUMENTS CITED IN THE FINAL 2012 AND PRELIMINARY 2014 EFFLUENT GUIDELINES PROGRAM PLANS
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<td>07501</td>
<td>Toxic Weighting Factors Methodology – DCN 07501</td>
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<td>CCH00653</td>
<td>Memorandum to the Record, Subj: Chlorine and Chlorinated Hydrocarbon Data Collection and Analysis Summary – DCN CCH00653</td>
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<td>CBM00680</td>
<td>Economic Analysis for Existing and New Projects in the Coalbed Methane Industry – DCN CBM00680</td>
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