



Publications Office Of Science And Technology Catalog



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Office of Water Resource Center (WH-556)

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Introduction

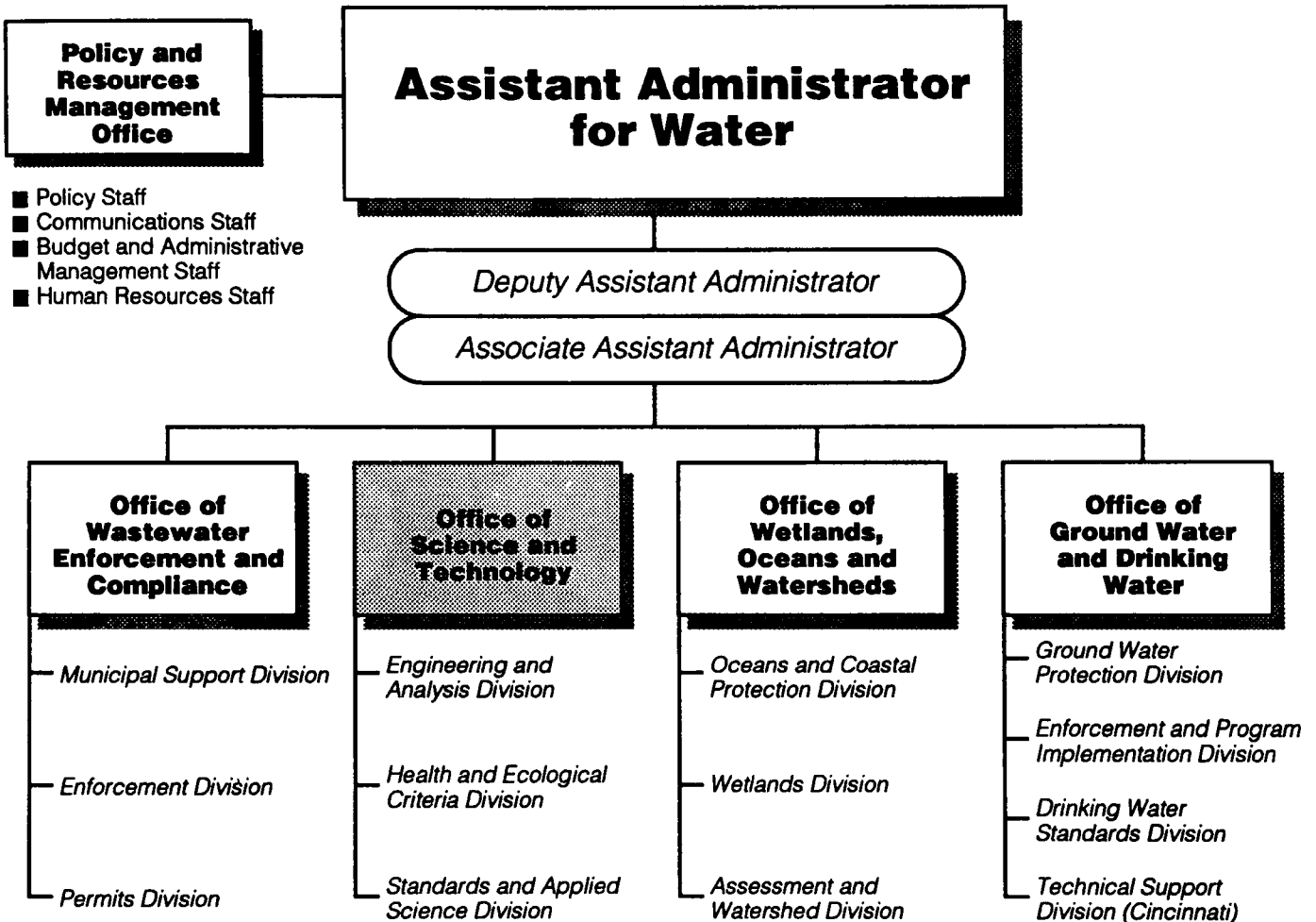
The Office of Science and Technology (OST) is responsible for developing sound, scientifically defensible standards, criteria, advisories, guidelines, limitations and standards guidelines under the Clean Water Act and the Safe Drinking Water Act. OST is also responsible for developing risk assessment methodologies and for providing risk assessment support for the Office of Water in the U.S. Environmental Protection Agency. These products articulate the goals and provide the regulatory framework for restoring and maintaining the biological, chemical, and physical integrity of the nation's water resources, for protecting the nation's public water supplies, and for achieving technology-based pollution control requirements in support of:

- point source (end of pipe) discharge programs
- nonpoint source programs
- wetlands programs
- drinking water programs
- dredge material management programs
- geographic-specific programs (e.g., Great Lakes, coastal, estuaries)

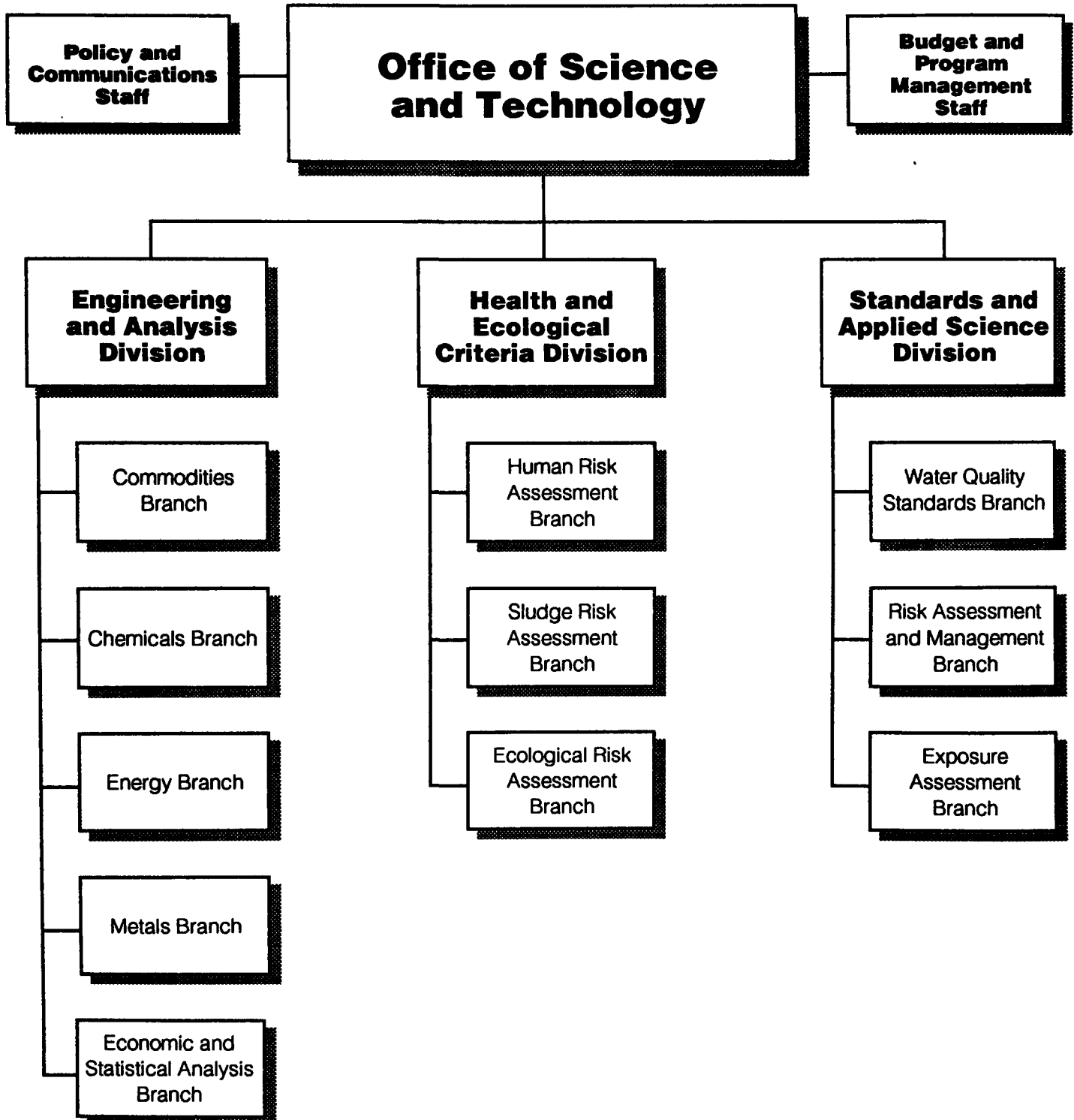
The Office of Science and Technology consists of several offices, which are discussed in the following section:

- Engineering and Analysis Division
- Health and Ecological Criteria Division
- Standards and Applied Science Division
- Policy and Communications Staff
- Budget and Program Management Staff

Office of Water Organization Chart



Office of Science and Technology Organization Chart



Engineering and Analysis Division

The Engineering and Analysis Division's goal is to provide national technology-based effluent limitations for industrial facilities discharging directly into the nation's waters and pretreatment standards for industries discharging into municipal treatment facilities.

The Consumer Commodities, Energy Industry, Chemicals Industry, Economic and Statistical Analysis, and Analytical Methods branches comprise the Division. The Consumer Commodities Branch develops effluent limitations and standards for pulp and paper, leather, textiles, timber, and similar types of industries. The Chemicals Branch develops effluent guidelines for organic chemicals manufacturing, plastics, waste treatment, and all industrial categories involving metals, including battery manufacturing and photographic. The Energy Branch develops effluent guidelines for inorganic chemicals, oil and gas, and pesticides manufacturing. The Economic and Statistical Analysis Branch conducts economic studies and analyses and prepares economic impact and regulatory analyses to identify national, regional, and international effects and benefits of regulations developed by the Office of Water. Effluent guidelines provide a means of regulating pollution, through discharge permits, that is founded on technology to treat wastewaters. The Analytical Methods Staff conducts wastewater sampling analysis, initiates development of analytical methods for detection of pollutants in wastewater, sludge sediment, and other media, revising existing methods and developing wastewater treatment regulations.

Health and Ecological Criteria Division

The Health and Ecological Criteria Division (HECD) is responsible for developing sound, scientifically defensible criteria that articulate the goals for the nation's water resources through development and refinement of risk and exposure assessment methodologies. Provide all risk assessment methodologies. Provide all risk assessment support for the Clean Water Act (CWA) and the Safe Drinking Water Act (SDWA), including maximum contaminant level goals (MCLGs) and health advisories. Specific criteria include:

- Health goals for drinking water
- Criteria for human health surface water
- Criteria for aquatic life surface water

- Sediment criteria
- Biological criteria
- Ecological criteria/habitat
- Municipal sludge regulations
- Human health risk assessment for water
- Ecological risk assessment for water
- Health advisories for drinking water
- Unreasonable Risk to Health Guidance

Standards and Applied Science Division

The Standards and Applied Science Division's (SASD) responsibilities are to direct the national program for adoption of water quality standards. Develop policies and guidance on translation of criteria to specific waterbodies. Develop and manage cross-media and multi-Agency policies to ensure exposure goals are attained. Other responsibilities include:

- National products such as guidance; regulations; policies; strategies
- Environmental assessments
- National assessment studies
- Management strategies for sediment contamination and fish contamination
- Total Maximum Daily Loads; wasteload allocations; mixing zones

Primary Legislative Authority
for the Office of
Science and Technology

Clean Water Act Overview

The principal law governing pollution of the Nation's waterways is the Federal Water Pollution Control Act, or Clean Water Act. Originally enacted in 1948, it was totally revised by amendments in 1972 that gave the Act its current shape. The 1972 legislation spelled out ambitious programs for water quality improvement that are still being implemented by industries and municipalities. Congress made certain fine-tuning amendments in 1977, revised portions of the law in 1981, and enacted further amendments in 1987.

The Clean Water Act has as its objective the restoration and maintenance of the "chemical, physical, and biological integrity of the Nation's waters." Two goals also were established in the 1972 legislation: zero discharge of pollutants by 1985 and, as an interim goal and where possible, water quality that is both "fishable" and "swimmable" by mid-1983. While those dates have passed, the goals remain, and efforts to attain the goals continue.

Major parts of the Act are title II and title VI provisions which authorize Federal financial assistance for municipal sewage treatment plant construction and regulatory requirements, found throughout the Act, that apply to industrial and municipal dischargers.

The Act has been termed a technology-forcing statute because of the rigorous demands placed on those who are regulated by it to achieve higher and higher levels of pollution abatement. Industries were given until July 1, 1977, to install "best practicable control technology" (BPT) to clean up waste discharges.

The Clean Water Act required greater pollutant cleanup than BPT by no later than March 31, 1989, generally demanding that industry use the "best available technology" (BAT) that is economically achievable. In addition to the BPT and BAT national standards, States are required to implement control strategies for so-called "toxic hot spots" -- waters expected to remain polluted by toxic chemicals even after industrial dischargers have installed the best available cleanup technologies required under the law.

The Environmental Protection Agency (EPA) issues regulations containing the BPT and BAT effluent standards applicable to categories of industrial sources (such as iron and steel manufacturing, organic chemical manufacturing, petroleum refining, and others). Certain responsibilities are delegated to the States, and this Act, like other environmental laws, embodies a philosophy of Federal-State partnership in which the Federal government sets the agenda and standards for pollution abatement while States carry out day-to-day activities of implementation and enforcement.

In addition, States are responsible for establishing water quality standards, which consist of a designated use (recreation, water supply, industrial, or

other), plus a numerical or narrative statement identifying the maximum concentrations of various pollutants which would not interfere with the designated use. These standards serve as the backup to federally set technology-based requirements, by indicating where additional pollution controls are needed to achieve the overall goals of the Act.

While the Act imposes great technological demands, it also recognizes the need for comprehensive research on water quality problems. This is provided throughout the statute, on topics including pollution in the Great Lakes and Chesapeake Bay, in-place toxic pollutants in harbors and navigable waterways, and water pollution resulting from mine drainage. The Act provides support to train personnel who operate and maintain wastewater treatment facilities.

Safe Drinking Water Act Overview

The Safe Drinking Water Act (P.L. 93-523), enacted on December 16, 1974, and codified as 42 U.S.C. 300(f), is the basis for protecting public drinking water systems from harmful contaminants. The major part of this law is title XIV of the Public Health Service Act -- Safety of Public Water Systems. Basically, the Act directs the EPA Administrator to develop: (1) national primary drinking water regulations that incorporate maximum contaminant level goals and maximum contaminant levels or treatment techniques; (2) underground injection control regulations to protect underground sources of drinking water; and (3) groundwater protection grant programs for the administration of sole-source aquifer demonstration projects and for wellhead protection area programs. The Act permits these activities to be implemented by the States. The Act was last reauthorized in June 1986 (P.L. 99-339), and is authorized through FY91.

In promulgating national primary drinking water regulations (section 1412) EPA was directed to:

- Issue national interim primary drinking water regulations, which were designed to protect health to the extent feasible, taking technology, treatment techniques, and costs into consideration.

The interim regulations became effective within 18 months of their promulgation and established maximum contaminant levels (MCLs) for ten inorganic chemicals, three organic chemical groups (comprising six pesticides and trihalomethanes), three radionuclides, microbes, and turbidity.

- Contract with the National Academy of Sciences for a study to determine MCLs of pollutants that should be recommended for regulation.

Based on a report entitled "Drinking Water and Health," the Administrator was to propose and promulgate revised primary drinking water regulations for the 22 interim contaminants and any other contaminants that need to be regulated.

- Issue secondary drinking water regulations, which specify the maximum contaminant levels necessary to protect public welfare and deal primarily with contaminants affecting drinking water odor and appearance.

These "aesthetics" standards are not federally enforceable and are issued only as guidelines for the States.

The Administrator is required to promulgate regulations for State underground injection control programs to protect underground sources of drinking water. These regulations contain minimum requirements for the underground injection of wastes in five well classes to protect underground sources of drinking water and require that a State prohibit any underground injection that was not authorized by State permit (section 1421).

The 1986 amendments to the Safe Drinking Water Act created two new sections that focus on groundwater protection grants. Section 1427 established procedures for demonstration programs to develop, implement, and assess critical aquifer protection areas already designated by the Administrator as sole-source aquifers.

- Awarded grants would pay for 50 percent of the costs of developing and implementing a protection program, and no grant may exceed \$4 million in any fiscal year.

The second grant program created under P.L. 99-339 established an elective program for protecting State wellhead areas around public water system wells.

- If a State chooses to establish a wellhead protection program, and EPA approves the State's program, then the Administrator awards grants between 50 and 90 percent for costs incurred in developing and implementing the program.
- A State choosing not to establish a wellhead protection program will only be "penalized" by not being eligible for a grant, and EPA has no authority to establish a wellhead program for a State.

The Safe Drinking Water Act has been amended four times since the original P.L. 93-523: (1) in November 1977 by P.L. 95-190; (2) in September 1979 by P.L. 96-63; (3) in December 1980 by P.L. 96-502; and (4) in June 1986 by P.L. 99-339. The 1986 amendments include provisions requiring EPA to (1) set drinking water regulations for 83 specified contaminants by June 1989, (2) promulgate requirements for disinfection and filtration of public water supplies and provide related technical assistance to small communities, (3) ban the use of lead pipes and lead solder in new drinking water distribution systems, (4) establish an elective wellhead protection program around public water supply wells, (5) establish an elective demonstration grant program for States and local authorities having designated sole-source aquifers to develop groundwater protection programs, and (6) issue rules for monitoring wells that inject wastes below a drinking water source. The amendments also increase EPA's enforcement authority. In addition, the 100th Congress enacted the Lead Contamination Control Act of 1988 (P.O. 100-572) which added a new Part F to the SDWA. Part F is intended to reduce exposure to lead in drinking water, specifically by requiring the recall of lead-lined water coolers, and establishing an information and screening program for schools.

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CATEGORY:INDUSTRIAL EFFLUENT LIMITATIONS AND GUIDELINES

A Study of the Environmental Benefits of Proposed BATEA and NSPS Effluent Limitations for the Offshore Segment of the Oil and Gas Extraction Point Source Category

An examination of the environmental benefits which would result from the implementation of the Best Available Technology Economically Achievable and New Source Performance Standards Effluent Limitations for the offshore segment of the oil and gas extraction industry.

EPA Number : 440/1-77-011
 NTIS Number :
 Number of Pages : 399
 Audience : Technical
 Document Type : Report

Assessment of Environmental Fate and Effects of Discharges from Offshore Oil and Gas Operations

A review and evaluation of composition, fate and effects of the major discharges (drilling fluids, cuttings, and produced water) from offshore oil and gas platforms.

EPA Number :
 NTIS Number : PB86-114949/XAB
 Number of Pages : 450
 Audience : Technical
 Document Type : Report

Battery Manufacturing Effluent Guidelines Public Comment Summary of Economics and Issues

A compilation of comments that were received from the public relative to the development of the battery manufacturing effluent guideline.

EPA Number :
 NTIS Number :
 Number of Pages : 50
 Audience : Technical
 Document Type : Report

Best Technology Available for the Location, Design, Construction & Capacity of Cooling Water Intake Structures for Minimizing Adverse Environmental Impact, Final

A presentation of the best available technology for the location design, construction and capacity of cooling water intake structures to minimize adverse environmental impact. Developed under section 316 (6) of Clean Water Act.

EPA Number : 440/1-76-015a
 NTIS Number : PB76-253573/AS
 Number of Pages : 270
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis for Effluent Limitations Guidelines and Standards for the Plastics Molding and Forming Industry

EPA Number :
 NTIS Number :
 Number of Pages :
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis for Proposed Effluent Limitations and Standards for the Inorganic Chemicals Industry, Phase II

An analysis of alternative water pollution control technologies for some segments of the inorganic chemicals industry.

EPA Number :
 NTIS Number :
 Number of Pages : 39
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Guidelines and Standards for the Aluminum Forming Industry

An analysis of alternative water pollution control technologies for the aluminum forming category.

EPA Number :
 NTIS Number :
 Number of Pages : 50
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Limitations and Standards for the Metal Finishing Industry

An analysis of the final metal finishing regulations for direct and indirect discharges.

EPA Number :
 NTIS Number :
 Number of Pages : 40
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Limitations and Standards for the Non-ferrous Metal Forming and Metal Powders Industries

An analysis of alternative water pollution control technologies for the nonferrous metals forming and metal powders category.

EPA Number :
 NTIS Number :
 Number of Pages : 44
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Limitations and Standards for the Placer Gold Mining Industry

An analysis of alternative water pollution control regulations for the placer gold mining industry.

EPA Number :
 NTIS Number :
 Number of Pages : 37
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Limitations and Standards for the Porcelain Enameling Industry

An analysis of alternative water pollution control technologies for the porcelain enameling industry.

EPA Number :
 NTIS Number :
 Number of Pages : 81
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Standards and Limitations for the Battery Manufacturing Industry

An analysis of alternative water pollution control regulations on the battery manufacturing industry.

EPA Number :
 NTIS Number :
 Number of Pages : 44
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Standards and Limitations for the Canmaking Subcategory of the Coil Coating Category

An analysis of alternative water pollution control regulations on the canmaking subcategory of the coil coating industry.

EPA Number :
 NTIS Number :
 Number of Pages :
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Effluent Standards and Limitations for the Copper Forming Industry

An analysis of alternative water pollution control regulations on the copper forming industry.

EPA Number :
 NTIS Number :
 Number of Pages : 17
 Audience : Technical
 Document Type : Report

Cost-effectiveness Analysis of Proposed Effluent Guidelines Regulations for the Offshore Oil and Gas Industry

An analysis of alternative water pollution control regulations for drilling muds and cuttings for the offshore oil and gas industry.

EPA Number :
NTIS Number :
Number of Pages: 25
Audience : Technical
Document Type : Report

Development Document for Best Conventional Pollutant Technology Effluent Limitations Guidelines for the Pulp, Paper, Paperboard and the Builders' Paper and Board Mills Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Pulp, Paper, Paperboard and Board Mills Point Source Categories and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-86-025
NTIS Number : PB87-172243/AS
Number of Pages: 279
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines & New Source Performance Standards for the Concrete Products Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for the Concrete Products Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-78-090
NTIS Number :
Number of Pages: 164
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Builders' Paper and Roofing Felt Segment of the Builders' Paper and Board Mills Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for the Builders' Paper and Roofing Felt Segment of the Builders' Paper and Board Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-026a
NTIS Number :
Number of Pages: 142
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Feedlots Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Feedlots Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-004a
NTIS Number : PB -238651/AS
Number of Pages: 246
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Insulation Fiberglass Manufacturing Segment of the Glass Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Glass Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-001b
 NTIS Number : PB -238078/O
 Number of Pages: 108
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and New Source Performance Standards for the Other Non-Fertilizer Phosphate Chemicals Segment of the Phosphate Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Phosphate Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-043a
 NTIS Number :
 Number of Pages: 111
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Calcium Carbide Segment of the Ferroalloy Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Ferroalloy Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-038
 NTIS Number :
 Number of Pages: 80
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 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards and Pretreatment Standards for the Steam Electric Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Steam Electric Point Source Categories and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-029
 NTIS Number :
 Number of Pages: 658
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for Battery Manufacturing, Vol. 1, Subcategories: Cadmium, Calcium, Leclanche, Lithium, Magnesium, Zinc, Final

A discussion of the technical rationale for effluent limitations guidelines for these subcategories of the Battery Manufacturing category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-067
 NTIS Number : PB84-121507
 Number of Pages: 1088
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for Battery Manufacturing, Vol. 2, Subcategory: Lead, Final

A discussion of the technical rationale for effluent limitations guidelines for this subcategory of the Battery Manufacturing Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-067
NTIS Number : PB84-121515
Number of Pages : 690
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for Fishmeal, Salmon, Bottom Fish, Sardine, Herring, Clam, Oyster, Scallop & Abalone of Seafood Processing-Canned & Preserved Point Source Cat, Final

A discussion of the technical rationale for effluent limitations guidelines for the Seafood Processing-Canned & Preserved Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-041a
NTIS Number : PB -256840/AS
Number of Pages : 509
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Aluminum Forming Point Source Category, Vol. I, Final

A discussion of the technical rationale for effluent limitations guidelines for the Aluminum Forming Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-073
NTIS Number : PB84-244425
Number of Pages : 1276
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Aluminum Forming Point Source Category, Vol. II, Final

A discussion of the technical rationale for effluent limitations guidelines for the Aluminum Forming Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-073
NTIS Number : PB84-244433
Number of Pages : 562
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Animal Feed, Breakfast Cereal & Wheat Starch Segment of the Grain Mills Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Grain Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-039a
NTIS Number : PB -240861/5
Number of Pages : 126
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Apple, Citrus & Potato Processing Segment of the Fruits & Vegetables - Canned & Preserved Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Fruits and Vegetables - Canned and Preserved Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-027a
 NTIS Number : PB -238649/8
 Number of Pages: 226
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Basic Fertilizer Chemicals Segment of the Fertilizer Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Fertilizer Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-011a
 NTIS Number : PB -238652/AS
 Number of Pages: 174
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Beet Sugar - Sugar Processing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Beet Sugar - Sugar Processing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-002b
 NTIS Number : PB -238462/6
 Number of Pages: 173
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Building, Construction and Paper Segment of the Asbestos Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Asbestos Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-017a
 NTIS Number : PB -238320/6
 Number of Pages: 141
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Canmaking Segment of the Coil Coating Point Source Category, Phase II, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Coil Coating Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-83-071
 NTIS Number : PB84-198647
 Number of Pages: 392
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Carbon Black Manufacturing Point Source Category, Interim Final

EPA Number : 440/1-76-060h
NTIS Number :
Number of Pages : 131
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Carbon Black Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Catfish, Crab, Shrimp & Tuna Segment of the Seafood Processing-Canned & Preserved Point Source Category

EPA Number : 440/1-74-020a
NTIS Number : PB -238614/2
Number of Pages : 401
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Seafood Processing - Canned and Preserved Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Cement Manufacturing Point Source Category, Final

EPA Number : 440/1-74-005a
NTIS Number : PB -238610/O
Number of Pages : 115
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Cement Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Coal Mining Point Source Category, Final

EPA Number : 440/1-82-057
NTIS Number : PB83-180422
Number of Pages : 429
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Coal Mining Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Coil Coating Point Source Category (Phase 1), Final

EPA Number : 440/1-82-071
NTIS Number : PB83-205542
Number of Pages : 488
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Coil Coating Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Copper Forming Point Source Category, Final

EPA Number : 440/1-84-074
NTIS Number : PB84-192459
Number of Pages : 546
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Copper Forming Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Corn Wet Milling Segment of the Grain Mills Point Source Category, Supplemental

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Grain Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-028b
 NTIS Number :
 Number of Pages: 145
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Dairy Products Processing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Dairy Products Processing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-021a
 NTIS Number : PB -238835/3
 Number of Pages: 177
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Electrical and Electronic Components Point Source Category, Phase I (Proposed)

A discussion of the technical rationale for effluent limitations guidelines for the Electrical and Electronic Components Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-075-b
 NTIS Number : PB82-249673
 Number of Pages: 216
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Electrical and Electronic Components Point Source Category, Phase II, Final

A discussion of the technical rationale for effluent limitations guidelines for the Electrical and Electronic Components Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-075
 NTIS Number :
 Number of Pages: 128
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Explosives Manufacturing Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Explosives Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-76-060j
 NTIS Number :
 Number of Pages: 226
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Fabricated and Reclaimed Rubber Segment of the Rubber Processing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Rubber Processing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-030
NTIS Number : PB -241916/6
Number of Pages : 227
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Flat Glass Segment of the Glass Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Glass Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-001c
NTIS Number : PB -238907/O
Number of Pages : 136
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Formulated Fertilizer Segment of the Fertilizer Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Fertilizer Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-042a
NTIS Number : PB -240863/AS
Number of Pages : 225
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Grain Processing Segment of the Grain Mills Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Grain Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-028a
NTIS Number : PB -238316/4
Number of Pages : 144
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Gum and Wood Chemicals Manufacturing Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for the Gum and Wood Chemicals Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-79-078b
NTIS Number :
Number of Pages : 355
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Gum and Wood Chemicals Manufacturing Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Wood Chemical Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-76-060b
NTIS Number :
Number of Pages: 220
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Hospitals Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Hospitals Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440-1-76-060n
NTIS Number :
Number of Pages: 136
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Inorganic Chemicals Manufacturing Point Source Category, Phase I, Final

A discussion of the technical rationale for effluent limitations guidelines for the Inorganic Chemicals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-007
NTIS Number : PB82-265612
Number of Pages: 948
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Inorganic Chemicals Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Inorganic Chemicals Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-007
NTIS Number : PB85-156446/XA
Number of Pages: 470
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. I, General

A discussion of the technical rationale for effluent limitations guidelines for the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the basis for these guidelines.

EPA Number : 440/1-82-024
NTIS Number : PB82-240425-a
Number of Pages: 600
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. II, Coke Making, Sintering, Iron Making

A discussion of the technical rationale for effluent limitations guidelines for the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-0242
NTIS Number : PB82-240433-b
Number of Pages: 438
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. III, Steel Making, Vacuum Degassing and Continuous Casting

EPA Number : 440/1-82-024
NTIS Number : PB82-240441-c
Number of Pages : 475
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. IV, Hot Forming

EPA Number : 440/1-82-0244
NTIS Number : PB82-240458-d
Number of Pages : 372
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. V, Salt Bath Descaling, Acid Pickling

EPA Number : 440/1-82-024
NTIS Number : PB82-240466-e
Number of Pages : 510
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Descaling Subcategory of the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Iron and Steel Manufacturing Point Source Category, Vol. VI, Cold Forming, Alkaline Cleaning, Hot Coating, Final

EPA Number : 440/1-82-024
NTIS Number : PB82-240474
Number of Pages : 600
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Iron and Steel Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Leather Tanning and Finishing Point Source Category, Final

EPA Number : 440/1-82-016
NTIS Number : PB83-172593
Number of Pages : 464
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Leather Tanning and Finishing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Metal Finishing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Metal Finishing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-83-091
 NTIS Number : PB84-115989
 Number of Pages: 734
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Metal Molding and Casting (Foundries) Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Metal Molding and Casting (Foundries) Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-85-070
 NTIS Number : PB86-161452/XAB
 Number of Pages: 632
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Mineral Mining and Processing Industry Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Mineral Mining and Processing Industry Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-76-059b
 NTIS Number : PB80-110299
 Number of Pages: 470
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Forming and Metal Powders Point Source Categories, Vol. II, Final

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Forming and Metal Powders Point Source Categories and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-86-019
 NTIS Number : PB87-121778
 Number of Pages: 2244
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. II, Bauxite Refining, Primary and Secondary Aluminum Smelting

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.2
 NTIS Number : PB90-181975/AS
 Number of Pages: 850
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. III

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.3
NTIS Number : PB90-181982/AS
Number of Pages: 421
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. IV, Primary Zinc, Lead, Antimony, Secondary Lead

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.4
NTIS Number : PB90-181991/AS
Number of Pages: 685
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. IX, Primary and Secondary Titanium, Primary Zirconium and Hafnium

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.9
NTIS Number : PB90-182049/AS
Number of Pages: 421
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. V

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.5
NTIS Number : PB90-182007/AS
Number of Pages: 789
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. VI

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.6
NTIS Number : PB90-182015/AS
Number of Pages: 679
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. VII

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.7
 NTIS Number : PB90-182023/AS
 Number of Pages : 713
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. VIII, Primary Columbium and Tantalum, Secondary Tantalum, Secondary Uranium

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.8
 NTIS Number : PB90-182031/AS
 Number of Pages : 479
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. X

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.0
 NTIS Number : PB90-182056/AS
 Number of Pages : 370
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Nonferrous Metals Manufacturing Point Source Category, Vol. I, General

A discussion of the technical rationale for effluent limitations guidelines for the Nonferrous Metals Manufacturing Point Source Category, and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-89-019.1
 NTIS Number : PB90-18159/AS
 Number of Pages : 450
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Offshore Segment of the Oil and Gas Extraction Point Source Category, Proposed

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Oil and Gas Extraction Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-85-055
 NTIS Number : PB86-114949/XAB
 Number of Pages : 500
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Oil Base Solvent Wash Subcategory of the Paint Formulating and the Ink Formulating Point Source Categories, Interim Final

EPA Number : 440/1-75-049
NTIS Number :
Number of Pages: 195
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Paint Formulating and the Ink Formulating Point Source Categories and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Ore Mining and Dressing Point Source Category, Final

EPA Number : 440/1-82-061
NTIS Number : PB91-234427
Number of Pages: 675
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Ore Mining and Dressing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Ore Mining and Dressing Point Source Category, Gold Placer Mine Subcategory

EPA Number : 440/1-88-061
NTIS Number : PB89-148779
Number of Pages: 288
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Ore Mining and Dressing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Organic Chemicals and the Plastics and Synthetic Fibers Point Source Categories, Vols I and II, Final

EPA Number : 440/1-87-009
NTIS Number : PB88-171335
Number of Pages: 1200
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Organic Chemicals and the Plastics and Synthetic fibers Point Source Categories, and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Paint Formulating Point Source Category

EPA Number : 440/1-79-049b
NTIS Number :
Number of Pages: 257
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Paint Formulating Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Effluent Limitations Guidelines and Standards for the Pesticide Chemicals Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Pesticide Chemical Manufacturing Point Source Categories and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-78-060e
 NTIS Number : PB -285480/0
 Number of Pages: 290
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Petroleum Refining Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Petroleum Refining Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-014
 NTIS Number : PB83-172569
 Number of Pages: 373
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Pharmaceutical Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Pharmaceutical Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-83-084
 NTIS Number : PB84-180066
 Number of Pages: 274
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Phosphorus Derived Chemicals Manufacturing Segment of the Phosphate Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Phosphorus Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-006a
 NTIS Number : PB -241018/1
 Number of Pages: 325
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Photographic Processing Segment of the Photographic Manufacturing Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Photographic Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-76-0601
 NTIS Number :
 Number of Pages: 188
 Audience : Technical
 Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Plastics Molding and Forming Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Plastics Molding and Forming Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-84-069
NTIS Number : PB84-186823
Number of Pages: 362
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Porcelain Enameling Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Porcelain Enameling Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-072
NTIS Number :
Number of Pages: 496
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Pressed and Blown Glass Segment of the Glass Manufacturing Point Source Category, Group I, Phase II

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Glass Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-034a
NTIS Number : PB -256854/1
Number of Pages: 100
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Pulp, Paper & Paperboard and the Builders' Paper and Board Mills Point Source Categories, Final

A discussion of the technical rationale for effluent limitations guidelines for the Pulp, Paper and Paperboard and the Builders' Paper and Board Mills Point Source Category and control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-025
NTIS Number : PB83-163949
Number of Pages: 693
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Red Meat Processing Segment of the Meat Products Processing and Rendering Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Meat Processing and Rendering Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-012a
NTIS Number : PB -238836/AS
Number of Pages: 190
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Renderer Segment of the Meat Products Processing and Rendering Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Meat Products Processing and Rendering Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-031d
NTIS Number : PB -253572/2
Number of Pages: 192
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Smelting and Slag Processing Segment of the Ferroalloy Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Ferroalloy Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-008a
NTIS Number : PB -238650/AS
Number of Pages: 170
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Soap and Detergent Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Soap and Detergent Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-018a
NTIS Number : PB -238613/AS
Number of Pages: 202
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Steam Electric Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for the Steam Electric Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-80-029b
NTIS Number : PB81-119075
Number of Pages: 635
Audience : Technical
Document Type : Economic Analysis

Development Document for Effluent Limitations Guidelines and Standards for the Sugar Processing - Cane Sugar Refining Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for Sugar Processing - Cane Sugar Refining Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-002c
NTIS Number : PB -238147/3
Number of Pages: 183
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Sugar Processing - Raw Cane Sugar Processing Point Source Category, Interim Final

A discussion of the technical rationale for effluent limitations guidelines for the Sugar Processing - Raw Cane Sugar Processing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-044
NTIS Number :
Number of Pages: 308
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Textile Mills Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Textile Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-82-022
NTIS Number : PB83-116871
Number of Pages : 541
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Textile, Friction Materials and Sealing Devices Segment of the Asbestos Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Asbestos Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-035a
NTIS Number : PB -240860/7
Number of Pages : 98
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Timber Products Processing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Timber Products Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-81-023
NTIS Number : PB81-227282
Number of Pages : 520
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines and Standards for the Tire and Synthetic Segment of the Rubber Processing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Rubber Processing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-74-013a
NTIS Number : PB -238609/2
Number of Pages : 206
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines for the Ore Mining and Dressing Point Source Category, Volume 2

A discussion of the technical rationale for effluent limitations guidelines for the Ore Mining and Dressing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-78-061e
NTIS Number : PB -286521/AS
Number of Pages : 429
Audience : Technical
Document Type : Development

Development Document for Effluent Limitations Guidelines for the Ore Mining and Dressing Point Source Category, Volume I

A discussion of the technical rationale for effluent limitations guidelines for the Ore Mining and Dressing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-78-061d
NTIS Number : PB -286520/AS
Number of Pages : 424
Audience : Technical
Document Type : Development

Development Document for Final Best Conventional Technology Effluent Limitations Guidelines for the Pharmaceutical Manufacturing Point Source Category, Final

A discussion of the technical rationale for effluent limitations guidelines for the Pharmaceutical Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-86-084
NTIS Number :
Number of Pages: 60
Audience : Technical
Document Type : Development

Development Document for Interim Final Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Electrolytic Ferroalloys Segment of the Ferroalloy Manufacturing Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Ferroalloy Manufacturing Point Source Category and the control treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-038a
NTIS Number :
Number of Pages: 72
Audience : Technical
Document Type : Development

Development Document for Interim Final Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Oil & Gas Extraction Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Oil and Gas Extraction Point Source Category and the control and treatment technologies which form the basis for these guidelines.

EPA Number : 440/1-76-55a
NTIS Number : PB80-110299
Number of Pages: 162
Audience : Technical
Document Type : Development

Development Document for Interim Final Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Other NonFertilizer Phosphate Chemicals Segment of the Phosphate Manufacturing Point Source Category

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Phosphate Manufacturing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-043
NTIS Number :
Number of Pages: 104
Audience : Technical
Document Type : Development

Development Document for Interim Final, Proposed Effluent Limitations Guidelines and New Source Performance Standards for the Fruits, Vegetables and Specialties Segment of the Canned and Preserved Fruits and Vegetables

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Canned and Preserved Fruits and Vegetables Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-75-046
NTIS Number :
Number of Pages: 542
Audience : Technical
Document Type : Development

Development Document for Interim Final, Proposed Effluent Limitations Guidelines and Proposed New Source Performance Standards for the Bleached Kraft, Groundwood, Sulfite, Soda, De-ink and Non-Integrated Paper Mills, Vol.I & II

EPA Number : 440/1-76-047a
NTIS Number :
Number of Pages : 735
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Bleached Kraft, Groundwood, Sulfite, Soda, De-ink and Non-Integrated Paper Mills Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Proposed Effluent Limitations Guidelines and Standards for the Control of Polychlorinated Biphenyls in the De-ink Subcategory of the Pulp, Paper and Paperboard Point Source Category

EPA Number :
NTIS Number :
Number of Pages : 60
Audience : Technical
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for this segment of the Pulp, Paper and Paperboard Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for Proposed Effluent Limitations Guidelines and Standards for the Shipbuilding and Repair Point Source Category—Draft

EPA Number : 440/1-79-076b
NTIS Number :
Number of Pages : 131
Audience :
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Shipbuilding and Repair Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Development Document for the Effluent Limitations and Guidelines for the Ore Mining and Dressing Point Source Category, Vol. II.

EPA Number : 440/1-78-061e
NTIS Number : PB -286521/AS
Number of Pages : 528
Audience :
Document Type : Development

A discussion of the technical rationale for effluent limitations guidelines for the Ore Mining and Dressing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

Economic Analysis for the Metal Molding and Casting (Foundry) Industry [Addendum and Modification]

EPA Number : 440/2-85-004
NTIS Number :
Number of Pages : 91
Audience : Technical
Document Type : Report

Modifications to the economic impact study developed for the effluent guidelines, limitations, and standards applicable to the foundry industry.

Economic Analysis of Effluent Guidelines for the Animal Feed, Breakfast Cereal and Wheat Starch Segments of the Grain Mills Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for these segments of the grain mills industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-038
NTIS Number :
Number of Pages: 106
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Asbestos Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the asbestos industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-001
NTIS Number :
Number of Pages: 115
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Cement Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the cement industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-004
NTIS Number :
Number of Pages: 61
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Ferroalloys Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the ferroalloys industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : PB-234-045
NTIS Number :
Number of Pages: 115
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Insulation Fiberglass Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the insulation fiberglass industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-011
NTIS Number :
Number of Pages: 43
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Meat Packing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the meat packing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other efforts.

EPA Number : 230/2-74-017
NTIS Number :
Number of Pages: 160
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Non-fertilizer Phosphate Manufacturing Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the non-fertilizer phosphate manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-76-043
NTIS Number :
Number of Pages: 129
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Petroleum Refining Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the petroleum refining industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-020
NTIS Number :
Number of Pages: 85
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Rubber Processing Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the rubber processing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-76-046
NTIS Number :
Number of Pages: 80
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines for the Textiles Friction and Sealing Materials Segment of the Asbestos Products Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for this segment of the asbestos products manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-030
NTIS Number :
Number of Pages: 62
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Guidelines Limitations for the Fertilizer Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the fertilizer industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-010
NTIS Number :
Number of Pages : 215
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Limitations and Standards for Plastics Molding and Forming Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the plastics molding and forming industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-044
NTIS Number :
Number of Pages : 80
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Limitations and Standards for the Pharmaceutical Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the pharmaceutical industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-013
NTIS Number :
Number of Pages : 96
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Effluent Limitations and Standards for the Porcelain Enameling Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the porcelain enameling industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-005
NTIS Number :
Number of Pages : 134
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Final Effluent Limitations Guidelines, New Source Performance Standards and Pretreatment Standards for the Iron and Steel Manufacturing Point Source Category

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the iron and steel manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : Not assigned
NTIS Number :
Number of Pages : 114
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Interim Final Effluent Guidelines for the Gum and Wood Chemicals Industry, Group II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the gum and wood chemicals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-76-065c
NTIS Number :
Number of Pages : 59
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Interim Final Effluent Guidelines for the Hospitals Industry, Group II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the hospitals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-76-065b
NTIS Number :
Number of Pages : 33
Audience : Technical
Document Type : Report

Economic Analysis of Interim Final Effluent Guidelines on the Seafood Processing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the seafood processing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-047
NTIS Number :
Number of Pages : 180
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Interim Final Effluent Limitations for Selected Segments of the Explosives Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for eight point source categories of the explosives industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-75-065a
NTIS Number :
Number of Pages : 28
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Potential Effluent Guidelines for Selected Segments of the Fish Hatchery and Farm Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for selected segments of the fish hatchery and farm industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-76-056
NTIS Number :
Number of Pages : 135
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Potential Effluent Guidelines for Selected Segments of the Mineral Mining and Processing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the mineral mining and processing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/2-74-0599
 NTIS Number :
 Number of Pages: 304
 Audience : Technical
 Document Type : Economic Analysis

Economic Analysis of Pretreatment Standards for Existing Sources of the Electroplating Point Source Category

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the electroplating industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 450/2-79-031
 NTIS Number :
 Number of Pages: 396
 Audience : Technical
 Document Type : Economic Analysis

Economic Analysis of Proposed and Interim Final Effluent Guidelines for the Onshore Oil Producing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the onshore oil producing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-75-063
 NTIS Number :
 Number of Pages: 131
 Audience : Technical
 Document Type : Economic Analysis

Economic Analysis of Proposed and Interim Final Effluent Guidelines on the Integrated Iron and Steel Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the integrated iron and steel industry. Information is usually presented in terms of price changes, effects of profitability, continued viability of plants and other effects.

EPA Number : 230/1-76-048
 NTIS Number :
 Number of Pages: 81
 Audience : Technical
 Document Type : Economic Analysis

Economic Analysis of Proposed and Interim Final Effluent Guidelines on the Specialty Steel Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the specialty steel industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-034A
 NTIS Number :
 Number of Pages: 144
 Audience : Technical
 Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Guidelines for the Asbestos Products Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the asbestos products manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-030
NTIS Number :
Number of Pages: 46
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Guidelines for the Metal Finishing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the metal finishing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-032
NTIS Number :
Number of Pages: 300
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Guidelines for the Plastics and Synthetics Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the plastics and synthetics industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-73-022
NTIS Number :
Number of Pages: 64
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Guidelines on Steam Electric Powerplants

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the steam electric utility industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-73-006
NTIS Number :
Number of Pages: 246
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Guidelines on the Soap and Detergent Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the soap and detergent industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-73-026
NTIS Number :
Number of Pages: 124
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Effluent Limitations and Standards for the Metal Finishing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the metal finishing industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-004
NTIS Number :
Number of Pages : 76
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of Proposed Toxic Pollutants Effluent Standards for Polychlorinated Biphenyls, Transformers, Capacitor and PCB Manufacturing Industries

The purpose of this study is to evaluate the economic impact of effluent standards on transformer, capacitor, and PCB manufacturing plants - i.e., the proposed toxic pollutant effluent standards for polychlorinated biphenyls (PCB's) under section 307(a) of PL 92-500 Ref.25 as published in the July 23, 1976 Federal Register, 40 CFR Part 129.

EPA Number : 230/1-76-068
NTIS Number :
Number of Pages : 96
Audience : Technical
Document Type : Economic Analysis

Economic Analysis of the Phosphate Subcategory of the Fertilizer Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for this segment of the fertilizer manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number :
NTIS Number :
Number of Pages : 50
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis for Controlling Water Pollution in the Paint Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the paint manufacturing industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-81-026
NTIS Number :
Number of Pages : 44
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis for Proposed Effluent Limitations and Standards for the Inorganic Chemicals Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the inorganic chemicals industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 230/1-74-039
NTIS Number :
Number of Pages : 260
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis for Proposed Effluent Limitations and Standards for the Inorganic Chemicals Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the inorganic chemicals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/1-80-029b
NTIS Number : PB81-119075
Number of Pages : 675
Audience :
Document Type : Development

Economic Impact Analysis for the Concrete Products Industry - Guidance Document

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the concrete products industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-77-016
NTIS Number :
Number of Pages : 100
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Alternative Pollution Control Technologies for the Wet Process Hardboard and Insulation Board Subcategories of the Timber Products Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for this segment of the timber products industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-79-017
NTIS Number :
Number of Pages : 88
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Alternative Pollution Control Technologies on the Wood Preserving Subcategory of the Timber Products Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the wood preserving subcategory of the timber products industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-79-018
NTIS Number :
Number of Pages : 143
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Guidelines and Standards for the Metal Molding and Casting (Foundry) Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the metal molding and casting (foundry) industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-85-028
NTIS Number :
Number of Pages : 170
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Guidelines and Standards for the Pulp, Paper and Paperboard Industries

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the pulp, paper, and paperboard industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-015
NTIS Number :
Number of Pages: 108
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Guidelines for the Meat Cutter Segment of the Meat Packing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the meat cutter segment of the meat packing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number :
NTIS Number :
Number of Pages: 16
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Canmaking Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the canmaking industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-011
NTIS Number :
Number of Pages: 117
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Coal Mining Industry

An analysis of the economic effects on the coal mining industry of two BAT control options - flocculant addition at the 1 ppm level and filtration. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-006
NTIS Number :
Number of Pages: 68
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Coil Coating Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the coil coating industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-010
NTIS Number :
Number of Pages: 85
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Inorganic Chemicals Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the inorganic chemicals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-84-013
NTIS Number :
Number of Pages : 88
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Leather Tanning Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the leather tanning industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-82-018
NTIS Number :
Number of Pages : 173
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Non-ferrous Metals and Refining Industry, Phase II

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the nonferrous metals and refining industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-85-030
NTIS Number :
Number of Pages : 135
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Non-ferrous Metals Manufacturing Industry, Phase I

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the non-ferrous metals and manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-84-004
NTIS Number :
Number of Pages : 246
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations and Standards for the Notice of Data Availability for the Organic, Chemical, Plastics & Synthetic Fibers Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the organic, chemical, plastics and synthetic fibers industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/85-024
NTIS Number :
Number of Pages : 250
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Limitations Guidelines and Standards for the Pesticide Chemicals Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the pesticide chemicals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-85-029
NTIS Number :
Number of Pages: 155
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Effluent Standards Limitations for the Metal Finishing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the metal finishing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-007
NTIS Number :
Number of Pages: 350
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Noticed Effluent Limitations and Standards for the Pesticide Chemicals Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the pesticide chemicals industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/5-84-012
NTIS Number :
Number of Pages: 124
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Pollution Control Technologies for Segments of the Inorganic Chemicals Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the inorganic chemicals manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-81-023
NTIS Number :
Number of Pages: 483
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Proposed Amendment of Effluent Limitations and Standards for the Fertilizer Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the fertilizer manufacturing industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number :
NTIS Number :
Number of Pages: 54
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Proposed Effluent Limitations and Standards for the Offshore Oil and Gas Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the offshore oil and gas industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-85-003
NTIS Number :
Number of Pages : 372
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of Proposed Effluent Limitations and Standards for the Gold Placer Mining Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the gold placer mining industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-85-026
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of the Effluent Guidelines and Limitations for Phase I for the Electrical and Electronic Components Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the electrical and electronic components industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-005
NTIS Number :
Number of Pages : 161
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of the Effluent Guidelines and Limitations for Phase II for the Electrical and Electronic Components Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the electrical and electronic components industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-012
NTIS Number :
Number of Pages : 150
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of the Effluent Guidelines and Limitations for the Copper Forming Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the copper forming industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-006
NTIS Number :
Number of Pages : 94
Audience : Technical
Document Type : Economic Analysis

Economic Impact Analysis of the Effluent Limitations and Standards for the Battery Manufacturing Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the battery manufacturing industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-84-002
 NTIS Number :
 Number of Pages: 171
 Audience : Technical
 Document Type : Economic Analysis

Economic Impact Analysis of the Effluent Limitations for the Aluminum Forming Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the aluminum forming industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-83-010
 NTIS Number :
 Number of Pages: 136
 Audience : Technical
 Document Type : Economic Analysis

Economic Impact Analysis of the Gum and Wood Chemicals Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the gum and wood chemicals industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-79-030
 NTIS Number :
 Number of Pages: 129
 Audience : Technical
 Document Type : Economic Analysis

Economic Impact of Effluent Regulations on the Rum Industry (Puerto Rico & U.S. Virgin Islands)

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the Caribbean rum industry. Information is usually usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number : 440/2-79-022
 NTIS Number :
 Number of Pages: 161
 Audience : Technical
 Document Type : Economic Analysis

Economic Impact of RCRA Regulations on the Petroleum Refining Industry, Parts 1 & 2, Final Report

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the petroleum refining industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number :
 NTIS Number :
 Number of Pages:
 Audience : Technical
 Document Type : Economic Analysis

Economic Impact Statement of the Iron and Steel Industry

An analysis of the economic effects that might result from the required application of various water pollution control methods and technologies for the iron and steel industry. Information is usually presented in terms of price changes, effects on profitability, continued viability of plants and other effects.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Economic Analysis

Guidance Document for Effluent Dischargers from the Auto and Other Laundries Point Source Category

This document provides technical data which may be used to establish treatment requirements for the Auto and Other Laundries industry.

EPA Number : na
NTIS Number :
Number of Pages : 186
Audience : Technical
Document Type : Report

Guidance Document for the Control of Water Pollution in the Photographic Processing Industry

This document provides technical data which may be used to establish treatment requirements for the Photographic Processing Industry.

EPA Number : 440/1-81-082-9
NTIS Number : PB82-177634
Number of Pages : 280
Audience : Technical
Document Type : Report

Guidance Manual for Pulp, Paper and Paperboard and Builder's Paper and Board Mills

Guidance manual on the application of categorical pretreatment standards (40 CFR Part 425) to pulp, paper and paperboard and builder's paper and board mills that discharge to publicly owned treatment works.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Report

Guide for the Application of Effluent Limitations Guidelines for the Petroleum Refining Industry

Guidance for determining wastewater permit requirements for petroleum refining.

EPA Number :
NTIS Number :
Number of Pages : 239
Audience : Technical
Document Type : Development

Low BTU Gasifier Wastewater

A presentation of the process and effluent data that were collected and analyzed by EPA from 1979 to 1981. The report includes the evaluation of effluent treatment technologies. It is intended for use by permit writers, developers and other interested parties. There are no legally binding requirements or guidance given.

EPA Number :
NTIS Number : PB86-245438/AS
Number of Pages : 234
Audience : Technical
Document Type : Report

Multimedia Technical Support Document for the Ethanol-For-Fuel Industry

A description of process, discharge and pollution control data for the use of permit writers, developers and other interested parties. Control technologies for wastewater treatment are discussed.

EPA Number : 440/1-86-093
NTIS Number : PB86-177557/AS
Number of Pages : 246
Audience : Technical
Document Type : Report

Preliminary Data Summary for Industrial Laundries

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the industrial laundries industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-103
NTIS Number : PB90-126541
Number of Pages: 180
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Coastal, Onshore and Stripper Subcategories of the Oil Gas Extraction Point Source Category

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the coastal, onshore and stripper subcategories of the oil gas extraction industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89/104
NTIS Number : PB90-126434
Number of Pages:
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Drum Reconditioning Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the drum reconditioning industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-101
NTIS Number : PB90-126491
Number of Pages: 116
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Hazardous Waste Treatment Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the hazardous waste treatment industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-100
NTIS Number : PB90-126517
Number of Pages: 174
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Hospitals Point Source Category

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the hospitals industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-060n
NTIS Number : PB90-126459
Number of Pages: 76
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Machinery Manufacturing and Rebuilding Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the machinery manufacturing and rebuilding industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-106
NTIS Number : PB90-125625
Number of Pages: 393
Audience :
Document Type : Data Summary

Preliminary Data Summary for the Paint Formulating Point Source Category

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the paint formulating industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-050
NTIS Number : PB90-126475
Number of Pages: 157
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Pesticide Chemicals Point Source Category

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the pesticide chemicals industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-060e
NTIS Number : PB90-126426
Number of Pages: 25
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Pharmaceutical Manufacturing Point Source Category

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the pharmaceutical manufacturing industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-084
NTIS Number : PB90-126533
Number of Pages: 232
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Pulp, Paper and Paperboard Point Source Category.

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the pulp, paper and paperboard industries. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-025
NTIS Number : PB90-126442
Number of Pages: 62
Audience :
Document Type : Data Summary

Preliminary Data Summary for the Solvent Recycling Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the solvent recycling industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-102
NTIS Number : PB90-126467
Number of Pages: 79
Audience : Technical
Document Type : Data Summary

Preliminary Data Summary for the Transportation Equipment Cleaning Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the transportation equipment cleaning industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-106
NTIS Number : PB90-126483
Number of Pages: 122
Audience :
Document Type : Data Summary

Preliminary Data Summary for the Used Oil Reclamation and Re-Refining Industry

A summary of the most current information available regarding the discharge of wastewater and solid wastes containing priority and hazardous nonpriority pollutants by the used oil reclamation and re-refining industry. The document provides a technical basis for determining whether additional national regulations should be developed pursuant to the Clean Water Act and makes available preliminary information regarding the discharge of priority and hazardous nonpriority pollutants by the industry.

EPA Number : 440/1-89-014
NTIS Number : PB90-126509
Number of Pages : 145
Audience : Technical
Document Type : Data Summary

Preliminary Effluent Characterization Study: Onshore Oil and Gas

An analysis of the waste streams from 5 sites produced from the air drilling technology. Also included is a discussion of the regulatory background and technology.

EPA Number :
NTIS Number :
Number of Pages : 116
Audience : Technical
Document Type : Report

Preliminary Quantitative Economic Assessment for the Rubber Processing Industry

An analysis of the potential economic impact anticipated from the implementation of pollution control treatment options. This study was conducted to help the Environmental Protection Agency in promulgating BATEA, pretreatment, and new source performance effluent regulations.

EPA Number :
NTIS Number :
Number of Pages : 100
Audience : Technical
Document Type : Report

Report to Congress: Section 74 Seafood Processing Study, Vol. I

A report on the ecological consequences of marine disposal of seafood processing wastes and an assessment of control, treatment, and nutrient utilization technologies. This Report to Congress was required by Section 74 of the Clean Water Act.

EPA Number : 440/1-80-020
NTIS Number : PB81-182362
Number of Pages :
Audience : Technical
Document Type : Report to Congress

Report to Congress: Section 74 Seafood Processing Study, Vol. II

A report on the ecological consequences of marine disposal of seafood processing wastes and an assessment of control, treatment, and nutrient utilization technologies. This Report to Congress was required by Section 74 of the Clean Water Act of 1977.

EPA Number : 440/1-80-020
NTIS Number : PB81-182370
Number of Pages :
Audience : Technical
Document Type : Report to Congress

Report to Congress: Section 74 Seafood Processing Study, Vol. III

A report on the ecological consequences of marine disposal of seafood processing wastes and an assessment of control, treatment, and nutrient utilization technologies. This Report to Congress was required by Section 74 of the Clean Water Act of 1977.

EPA Number : 440/1-80-020
NTIS Number : PB81-182378
Number of Pages :
Audience : Technical
Document Type : Report to Congress

Summary Document for Economic Analysis of Effluent Limitations Guidelines for the Transportation Industry

A summary of the economic and financial data collected while conducting an economic and financial analysis of the transportation industry.

EPA Number : 440/9-77-008
NTIS Number :
Number of Pages: 55
Audience : Technical
Document Type : Report

Summary of Available Information on the Levels of Controls of Toxic Pollutants Dischargers in the Printing and Publishing Point Source Category

EPA Number : 440/1-83-400
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Summary Report - Phosphate Fertilizer Subcategory of the Fertilizer Manufacturing Point Source Category (40 CFR 418)

A post-BPT study of the wastewater discharges from the phosphate fertilizer subcategory of the fertilizer manufacturing industry. Data shows the effect of BPT treatment in reducing discharges of toxic and radioactive metals.

EPA Number :
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Supplement to Development Document for Effluent Limitations Guidelines and Standards for the Renderer Segment of the Meat Products Processing and Rendering Point Source Category, Reprint/Final

Presents the technical rationale for effluent limitations guidelines for the renderer segment of the Meat Products Processing and Rendering Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-78-031e
NTIS Number :
Number of Pages: 69
Audience : Technical
Document Type : Development

Supplemental Development Document for Effluent Limitations Guidelines and Standards for the Leather Tanning and Finishing, Point Source Category

Presents the technical rationale for effluent limitations guidelines for the Leather Tanning and Finishing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-88/016-s
NTIS Number : PB88-213541
Number of Pages: 108
Audience : Technical
Document Type : Technical Guidance

Supplementary Development Document for Effluent Limitations Guidelines and Standards for the Leather Tanning and Finishing Point Source Category, Supplementary Final

Presents the technical rationale for effluent limitations guidelines for the Leather Tanning and Finishing Point Source Category and the control and treatment technologies which form the bases for these guidelines.

EPA Number : 440/1-88-016a
NTIS Number : PB88-213541
Number of Pages: 166
Audience : Technical
Document Type : Development

The Economic Impact of RCRA Regulations on the Plating and Polishing Industry

This study estimates the potential economic impacts of the Resource Conservation Recovery Act regulations upon the plating and polishing industry.

EPA Number :
NTIS Number :
Number of Pages: 103
Audience : Technical
Document Type : Report

The Economic Impacts of RCRA Regulations of the Agriculture Chemicals Industry

Report assesses the impacts of RCRA regulations on the agriculture chemicals industry.

EPA Number :
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

The Economic Impacts of RCRA Regulations on the Explosives Industry

Report assesses the impacts of RCRA regulations on the explosives industry, which is comprised of commercial plants engaged primarily in the manufacture of high explosives, blasting agents, propellants, and initiating.

EPA Number :
NTIS Number :
Number of Pages: 70
Audience : Technical
Document Type : Report

The Economic Impacts of RCRA Regulations on the Secondary Non-ferrous Metals Industry

Report assesses the impacts of RCRA regulations on the secondary non-ferrous metals industry.

EPA Number :
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

**CATEGORY:PRETREATMENT AND MUNICIPAL WASTEWATER
EFFLUENT LIMITATIONS AND GUIDELINES****Aluminum, Copper and Nonferrous Metals Forming and Metal Powders Pretreatment Standards**

EPA Number :
NTIS Number :
Number of Pages: 186
Audience :
Document Type : Report

Existing Source Pretreatment Standards for the Electroplating Point Source Category

EPA Number : 440/1-79-003
NTIS Number : PB80-196488
Number of Pages: 526
Audience : Technical
Document Type : Report

Fate of Priority Pollutants in Publicly Owned Treatment Works, Final Report, Vol. I, Baseline Study

An analysis of the occurrence and fate of the 129 priority toxic pollutants in 40 publicly owned treatment works (POTW) and a supplemental study conducted at 10 additional POTWs. Volume I contains the background and purpose of the study, the POTW selection criteria, the sampling program details, the overall POTW data, evaluation of analytical results, and the preliminary conclusions of the study.

EPA Number : 440/1-82-303
NTIS Number : PB83-122788
Number of Pages: 437
Audience : Technical
Document Type : Report

Fate of Priority Pollutants in Publicly Owned Treatment Works, Vol. II

An analysis of the occurrence and fate of the 129 priority toxic pollutants in 40 publicly owned treatment works (POTW) and a supplemental study conducted at 10 additional POTWs. Volume II contains the daily analytical results which embody the basic data generated during the course of the study and which are the source for all other data compilations and analyses.

EPA Number : 440/1-82-303
NTIS Number : PB83-122788
Number of Pages: 750
Audience : Technical
Document Type : Report

Guidance Manual for Battery Manufacturing Pretreatment Standards

Guidance manual on the application of categorical pretreatment standards (40 CFR Part 425) to battery manufacturing plants which discharge to publicly owned treatment works.

EPA Number :
NTIS Number :
Number of Pages: 136
Audience : Technical
Document Type : Report

Guidance Manual for Electroplating and Metal Finishing Pretreatment Standards

Guidance manual on the application of categorical pretreatment standards (40 CFR Part 425) to electroplating and metal finishing plants which discharge to publicly owned treatment works.

EPA Number : 440/1-84-091g
NTIS Number :
Number of Pages: 76
Audience : Technical
Document Type : Report

Guidance Manual for Implementing Total Toxic Organics (TTO) Pretreatment Standards

EPA Number : 440/1-85-009g
NTIS Number :
Number of Pages: 94
Audience : Technical
Document Type : Report

Guidance Manual for Leather Tanning and Finishing Pretreatment Standards

Guidance manual on the application of categorical pretreatment standards (40 CFR Part 425) to leather tanning and finishing plants which discharge to publicly owned treatment works.

EPA Number :
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Guidance Manual for Pretreatment, Iron and Steel Manufacturing Point Source Category

Technical data base to support effluent limitations and standards for Iron and Steel Manufacturing including control technologies, processes, operating methods and cost information.

EPA Number :
 NTIS Number :
 Number of Pages : 56
 Audience : Technical
 Document Type : Report

CATEGORY:WATER QUALITY STANDARDS**A Compilation of Water Quality Standards for Marine Waters**

A State-by-State listing of State designations of marine water quality standards required by Section 304(a)(6) of the Clean Water Act. This document identifies these standards, specific pollutants associated with such standards, and the particular waters to which such standards apply.

EPA Number :
 NTIS Number :
 Number of Pages : 60
 Audience : Technical
 Document Type : Report

Amendments to the Water Quality Standards Regulation That Pertains to Standards on Indian Reservations [Federal Register]

This document provides an innovative approach to determining which types of permit limits (daily maximum, weekly, or monthly averages) should be specified for the steady-state model output, based on the frequency of acute criteria violations.

EPA Number :
 NTIS Number :
 Number of Pages :
 Audience : General
 Document Type : Federal Register Notice

**Amendments to the Water Quality Standards Regulation
 Compliance with Water Quality Standards
 Compliance with CWA Section 303(c)(a)(B)
 Proposed Rule [Federal Register]**

Final rule which amends the water quality standards rule by adding: 1) procedures by which an Indian Tribe may qualify for treatment as a State for purposes of the water quality standards and Clean Water Act Section 401 certification programs and 2) a mechanism to resolve unreasonable consequences that may arise when an Indian Tribe and a State adopt different water quality standards on a common body of water.

EPA Number :
 NTIS Number :
 Number of Pages : 28
 Audience : Technical
 Document Type : Federal Register Notice

Chronological Summary of Federal Water Quality Standards Promulgation Actions

Summary of date, type of action and Federal Register citation for State water quality standards promulgated by EPA.

EPA Number :
 NTIS Number :
 Number of Pages : 6
 Audience : Technical
 Document Type : Report

Developing Criteria to Protect Our Nation's Waters

Briefly describes the water quality standards program and its relationship to water quality criteria, sediment criteria and biological criteria.

EPA Number :
 NTIS Number :
 Number of Pages :
 Audience : Technical
 Document Type : Brochure

Developing Criteria to Protect Our Nation's Waters

Poster depicting cross-cut of stream with sediment, aquatic life, and wildlife highlighted. Text describes water quality criteria and State water quality standards.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Poster

Fifty-seven State Water Quality Standards Summaries

Fifty-seven individual summaries of State water quality standards. The document contains information about use classification, mixing zones, antidegradation policies, and other pertinent information.

EPA Number :
NTIS Number :
Number of Pages : 350
Audience : Technical
Document Type : Report

Guidance for State Implementation of Water Quality Standards for CWA Section 303 (c)(2)(B), Final

Guidance for State water pollution control programs on adopting criteria for priority toxic pollutants.

EPA Number :
NTIS Number :
Number of Pages : 18
Audience : Technical
Document Type : Report

Guidance on Water Quality Standards and 401 Certification Programs Administered by Indian Tribes

Procedures for determining Tribal eligibility. Supplements the final rule "Amendments to the Water Quality Standards Regulation that Pertains to Standards on Indian Reservations" that was published in the Federal Register on December 12, 1991.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Program Guidance

Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses - 1985

EPA Number :
NTIS Number : PB85-227049
Number of Pages :
Audience : Technical
Document Type :

Introduction to Water Quality Standards

Primer on water quality standards program written in question-and-answer format.

EPA Number : 440/5-88-089
NTIS Number :
Number of Pages : 29
Audience : General
Document Type : Report

National Assessment of State Variance Procedures: Report

Results of a national assessment of State variance procedures.

EPA Number :
NTIS Number :
Number of Pages : 26
Audience : Technical
Document Type : Report

Paragraph 4(c) Program Summary Report

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Report

Reference Guide to Water Quality Standards for Indian Tribes

An overview of the water quality standards program presented primarily for Indian Tribes wishing to qualify as States for the program.

EPA Number : 440/5-90-002
NTIS Number :
Number of Pages : 43
Audience : Technical
Document Type : Report

State Water Quality Standards Summaries

A composite summary of all State water quality standards. This document contains information about use classification of surface waters, antidegradation policies, and other information applicable to a State's water quality standards.

EPA Number :
NTIS Number :
Number of Pages : 350
Audience : Technical
Document Type : Report

Status Report: State Compliance with CWA Section 303 (c)(2)(B) as of February 4, 1990.

Identification of States that are compliant with the Clean Water Act directive as of 2/4/90, summary of the status of State actions to adopt water quality standards for priority pollutants, and outline of EPA's plan to promulgate standards for noncompliant States.

EPA Number :
NTIS Number :
Number of Pages : 85
Audience : Technical
Document Type : Report

Technical Support Manual: Waterbody Surveys and Assessments for Conducting Use Attainability Analyses

Technical guidance to assist States in implementing the revised water quality standards regulation (48 FR 51400, November 8, 1983).

EPA Number :
NTIS Number :
Number of Pages : 136
Audience : Technical
Document Type : Report

Technical Support Manual: Waterbody Surveys and Assessments for Conducting Use Attainability Analyses, Volume II, Estuarine Systems

Guidance to assist States in implementing the revised water quality standards regulation of November 8, 1983 (48 FR 51400). Addresses unique characteristics of estuarine systems.

EPA Number :
NTIS Number :
Number of Pages : 190
Audience : Technical
Document Type : Report

Technical Support Manual: Waterbody Surveys and Assessments for Conducting Use Attainability Analyses, Volume III, Lake Systems

Technical guidance to assist States in implementing the revised water quality standards regulation of November 8, 1983 (48 FR 51400). Addresses unique characteristics of lake systems.

EPA Number :
NTIS Number :
Number of Pages : 197
Audience : Technical
Document Type : Report

Water Quality Standards for the 21st Century

Summary of proceedings from the first national Conference on Water Quality Standards held in Dallas, Texas, March 1-3, 1989.

EPA Number :
NTIS Number :
Number of Pages : 263
Audience : Technical
Document Type : Proceedings

Water Quality Standards for the 21st Century

Summary of the proceedings from the second National Conference on Water Quality Standards, held December 10-12, 1990 in Arlington, Virginia.

EPA Number :
NTIS Number :
Number of Pages : 251
Audience : Technical
Document Type : Proceedings

Water Quality Standards for Wetlands: National Guidance

Guidance for meeting the priorities established in the FY 1991 Agency Operating Guidance to develop water quality standards for wetlands during the FY 1991-1993 triennium.

EPA Number : 440/5-90-011
NTIS Number :
Number of Pages : 56
Audience : Technical
Document Type : Report

Water Quality Standards Handbook

Guidance to States for implementing the water quality standards regulation of November 8, 1983. Describes overall standards setting process, general program policies and procedures, and analyses to determine appropriate uses and criteria.

EPA Number :
NTIS Number :
Number of Pages : 134
Audience : Technical
Document Type : Report

**Water Quality Standards Regulation, Part II (48 FR 51400)
[Federal Register]**

Regulations that govern the development, review, revision and approval of water quality standards under Section 303 of the CWA.

EPA Number :
NTIS Number :
Number of Pages : 14
Audience : Technical
Document Type : Federal Register
Notice

CATEGORY: AMBIENT WATER QUALITY CRITERIA**Ambient Water Quality Criteria for 2,3,7,8 - Tetrachlorodibenzo-p-dioxin**

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of 2,3,7,8 - Tetrachlorodibenzo-p-dioxin on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of 2,3,7,8 - Tetrachlorodibenzo-p-dioxin in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-007
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for 2,4, - Dichlorophenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of 2,4, - Dichlorophenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of 2,4, - Dichlorophenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-042
NTIS Number : PB81-117533
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for 2,4, - Dimethylphenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of 2,4, - Dimethylphenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of 2,4, - Dimethylphenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-044
NTIS Number : PB81-117558
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for 2,4,5 - Trichlorophenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of 2,4,5 - Trichlorophenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of 2,4,5 - Trichlorophenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for 2-Chlorophenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of 2-Chlorophenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of 2-Chlorophenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-034
NTIS Number : PB81-117459
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Acenaphthene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of acenaphthene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of acenaphthene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-015
NTIS Number : PB81-117269
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Acrolein

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of acrolein on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of acrolein in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-016
NTIS Number : PB81-117277
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Acrylonitrile

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of acrylonitrile on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of acrylonitrile in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117285
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Aldrin/Dieldrin

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of aldrin/dieldrin on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of aldrin/dieldrin in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-019
NTIS Number : PB81-117301
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Aluminum

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of aluminum on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of aluminum in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-86-008
NTIS Number : PB88-245998
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Aluminum - 1988

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of aluminum on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of aluminum in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-88-008
NTIS Number : PB88-142239
Number of Pages: 53
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Ammonia

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of ammonia on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of ammonia in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-85-001
NTIS Number : PB85-227114
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Ammonia (Saltwater) - 1989

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of ammonia (saltwater) on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of ammonia (saltwater) in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-88-004
NTIS Number : PB89-195242
Number of Pages: 65
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Antimony

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of antimony on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of antimony in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-020
NTIS Number : PB81-117319
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Arsenic

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of arsenic on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of arsenic in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117327
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Asbestos

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of asbestos on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of asbestos in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-022
NTIS Number : PB81-117335
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Bacteria - 1986

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of bacteria on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of bacteria in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-002
NTIS Number : PB86-158045
Number of Pages : 18
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Barium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of barium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of barium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB 263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Benzene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of benzene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of benzene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-50-018
NTIS Number : PB81-117293
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Benzidine

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of benzidine on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of benzidine in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117343
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Beryllium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of beryllium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of beryllium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117350
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Boron

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of boron on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of boron in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Cadmium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of cadmium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of cadmium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-032
NTIS Number : PB81-117368
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Carbon Tetrachloride

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of carbon tetrachloride on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of carbon tetrachloride in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-026
NTIS Number : PB81-117376
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlordane

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlordane on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlordane in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-027
NTIS Number : PB81-117384
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chloride

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chloride on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chloride in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-88-001
NTIS Number : PB88-175047
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorinated Benzenes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorinated benzenes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorinated benzenes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-028
NTIS Number : PB81-117392
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorinated Ethanes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorinated ethanes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorinated ethanes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-029
NTIS Number : PB81-117400
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorinated Naphthalenes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorinated naphthalenes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorinated naphthalenes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117426
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorinated Phenols

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorinated phenols on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorinated phenols in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-032
NTIS Number : PB81-117434
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorine

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorine on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorine in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-030
NTIS Number : PB85-227429
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chloroalkyl Ethers

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chloroalkyl ethers on human life and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chloroalkyl ethers in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117418
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chloroform

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chloroform on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chloroform in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117442
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorophenoxy Herbicides

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorophenoxy herbicides on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorophenoxy herbicides in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chlorpyrifos

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chlorpyrifos on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chlorpyrifos in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-86-005
NTIS Number : PB87-105359
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Chromium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of chromium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of chromium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117467
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Color

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of color on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of color in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Copper

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The copper and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of copper in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117475
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Cyanide

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The cyanide and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of cyanide in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-028
NTIS Number : PB81-117483
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for DDT and Metabolites

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of DDT and metabolites on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of DDT and metabolites which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-038
NTIS Number : PB81-117491
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Demeton

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of demeton on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of demeton in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Dichlorobenzenes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of dichlorobenzenes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of dichlorobenzenes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-039
NTIS Number : PB81-117509
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Dichlorobenzidine

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of dichlorobenzidine on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of dichlorobenzidine in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-040
NTIS Number : PB81-117517
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Dichloroethylenes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of dichloroethylenes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of dichloroethylenes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-041
NTIS Number : PB81-117525
Number of Pages :
Audience : Technical
Document Type : Report

**Ambient Water Quality Criteria for
Dichloropropanes/Dichloropropenes**

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of dichloropropanes/dichloropropenes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of dichloropropanes/dichloropropenes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-043
NTIS Number : PB81-117541
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Dinitrotoluene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of dinitrotoluene on human health and aquatic life, and on recreation; and (b) Quantitative dinitrotoluene which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-045
NTIS Number : PB81-117566
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Diphenylhydrazine

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of diphenylhydrazine on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of diphenylhydrazine in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-062
NTIS Number : PB81-117731
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Endosolfan

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of endosolfan on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of endosolfan in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-046
NTIS Number : PB81-117574
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Endrin

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of endrin on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of endrin in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-047
NTIS Number : PB81-117582
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Ethylbenzene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of ethylbenzene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of ethylbenzene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117590
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Fluoranthene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of fluoranthene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of fluoranthene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-049
NTIS Number : PB81-117608
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Gasses, Total Dissolved

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of gasses, total dissolved, on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of gasses, total dissolved, in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Guthion

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of guthion on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of guthion in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Haloethers

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of haloethers on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of haloethers in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-050
NTIS Number : PB81-117616
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Halomethanes

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of halomethanes on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of halomethanes in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-051
NTIS Number : PB81-117624
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Hardness

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of hardness on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of hardness in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Heptachlor

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of heptachlor on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of heptachlor in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-052
NTIS Number : PB81-117632
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Hexachlorobutadiene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of hexachlorobutadiene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of hexachlorobutadiene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-053
NTIS Number : PB81-117640
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Hexachlorocyclohexane

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of hexachlorocyclohexane on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of hexachlorocyclohexane in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117657
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Hexachlorocyclopentadiene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of hexachlorocyclopentadiene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of hexachlorocyclopentadiene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-055
NTIS Number : PB81-117665
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Iron

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of iron on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of iron in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Isophorone

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of isophorone on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of isophorone in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-056
NTIS Number : PB81-117673
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Lead

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of lead on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of lead in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-057
NTIS Number : PB81-117681
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Malathion

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of malathion on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of malathion in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Manganese

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of manganese on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of manganese in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Mercury

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of mercury on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of mercury in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117699
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Methoxychlor

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of methoxychlor on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of methoxychlor in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Mirex

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of mirex on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of mirex in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Naphthalene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of naphthalene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of naphthalene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-059
NTIS Number : PB81-117707
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Nickel

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of nickel on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of nickel in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117715
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Nitrates, Nitrites

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of nitrates, nitrites on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of nitrates, nitrites in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Nitrobenzene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of nitrobenzene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of nitrobenzene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440-5-80-061
NTIS Number : PB81-117723
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Nitrophenols

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of nitrophenols on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of nitrophenols in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440-5-80-063
NTIS Number : PB81-117749
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Nitrosamines

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of nitrosamines on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of nitrosamines in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117756
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Oil and Grease

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of oil and grease on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of oil and grease in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Oxygen, Dissolved

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of oxygen, dissolved, on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of oxygen, dissolved, in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-86-003
NTIS Number : PB86-208253
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Parathion

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of parathion on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of parathion in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB87-105383
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Pentachlorophenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of pentachlorophenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of pentachlorophenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB87-1017764
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Phenol

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of phenol on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of phenol in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-066
NTIS Number : PB81-117772
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Phosphorus

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of phosphorus on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of phosphorus in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience :
Document Type : Report

Ambient Water Quality Criteria for Phthalate Esters

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of phthalate esters on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of phthalate esters in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-067
NTIS Number : PB81-117780
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Polychlorinated Biphenyls

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of polychlorinated biphenyls on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of polychlorinated biphenyls in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-068
NTIS Number : PB81-117798
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Polynuclear Aromatic Hydrocarbons

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of polynuclear aromatic hydrocarbons on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of polynuclear aromatic hydrocarbons in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-069
NTIS Number : PB81-117806
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Selenium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of selenium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of selenium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117814
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Selenium - 1987

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of selenium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of selenium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-87-008
NTIS Number : PB88-142239
Number of Pages: 127
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Silver

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of silver on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of silver in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-80-071
NTIS Number : PB81-117822
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Solids (Dissolved) & Salinity

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of solids (dissolved) and salinity on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of solids (dissolved) and salinity in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Solids (Suspended) & Turbidity

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of solids (suspended) and turbidity on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of solids (suspended) and turbidity in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Sulfides, Hydrogen Sulfide

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of sulfides, hydrogen sulfide on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of sulfides, hydrogen sulfide in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Tainting Substances

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of tainting substances on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of tainting substances in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Temperature

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of temperature on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of temperature in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB -263943
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Tetrachloroethylene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of tetrachloroethylene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of tetrachloroethylene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-073
NTIS Number : PB81-117830
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Thallium

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of thallium on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of thallium in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-84-074
NTIS Number : PB81-117848
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Toluene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of toluene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of toluene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117855
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Toxaphene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of toxaphene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of toxaphene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117863
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Trichloroethylene

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of trichloroethylene on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of trichloroethylene in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117871
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Vinyl Chloride

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of vinyl chloride on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of vinyl chloride in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117889
Number of Pages :
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Zinc

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of zinc on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of zinc in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number :
NTIS Number : PB81-117897
Number of Pages:
Audience : Technical
Document Type : Report

Ambient Water Quality Criteria for Zinc - 1987

Developed under Section 304(a) of the Clean Water Act, this criteria guidance document contains: (a) The scientific data on the effects of zinc on human health and aquatic life, and on recreation; and (b) Quantitative concentrations or qualitative assessments of zinc in water which will generally ensure water quality adequate to support a particular water use. This document is one of a series of criteria documents that are published by EPA as guidance documents to assist the States in setting water quality standards.

EPA Number : 440/5-87-003
NTIS Number : PB87-153581
Number of Pages: 213
Audience : Technical
Document Type : Report

Health Effects Criteria for Fresh Recreational Waters

Health effects criteria for fresh recreational waters and a criterion for the quality of bathing water based upon swimming-associated gastrointestinal illness.

EPA Number : 600/1-84-004
NTIS Number :
Number of Pages: 33
Audience : Technical
Document Type : Report

Health Effects Criteria for Marine Recreational Waters

Health effects quality criteria for marine recreational waters and a recommendation for a specific criterion.

EPA Number : 600/1-80-031
NTIS Number :
Number of Pages: 97
Audience : Technical
Document Type : Report

Quality Criteria for Water - 1986

Summaries of all contaminants for which EPA has developed criteria recommendations.

EPA Number : 440/5-86-001
NTIS Number :
Number of Pages: 407
Audience : Technical
Document Type : Report

Quality Criteria for Water - 1991

Summaries of all contaminants for which EPA has developed criteria recommendations.

EPA Number :
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Twenty-six Water Quality Standards Criteria Summaries

Summaries of State/Federal criteria - twenty-six summaries contain information extracted from State water quality standards.

EPA Number :
NTIS Number :
Number of Pages: 730
Audience : Technical
Document Type : Report

Updated Tracking Report on State Water Quality Criteria for Dioxin (2,3,7,8-TCDD)

Summary of State action to adopt health-based dioxin criteria.

EPA Number :
NTIS Number :
Number of Pages: 29
Audience : Technical
Document Type : Report

CATEGORY: BIOLOGICAL QUALITY CRITERIA**Biological Criteria: Guide to Technical Literature**

EPA Number : 440/5-91-004
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Biological Criteria: National Program Guidance for Surface Waters

Guidance for States' development and implementation of narrative biological criteria as part of State water quality standards.

EPA Number : 440/5-90-004
NTIS Number :
Number of Pages: 66
Audience : Technical
Document Type : Report

Biological Criteria: Research and Regulation [Proceedings of a Symposium, held in July, 1991]

EPA Number : 440/5-91-005
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

Biological Criteria: State Development and Implementation Efforts

EPA Number : 440/5-91-003
NTIS Number :
Number of Pages:
Audience : Technical
Document Type : Report

CATEGORY: WILDLIFE QUALITY CRITERIA**Water Quality Criteria to Protect Wildlife Resources - December 1989**

Topic areas include legislative authority for wildlife criteria development, strategy to incorporate into current regulatory framework, strategy for choosing chemicals, research strategies, summary of research efforts.

EPA Number : 600/3-89-067
NTIS Number : PB89-220016
Number of Pages: 68
Audience : Technical
Document Type : Report

CATEGORY:SEDIMENT QUALITY CRITERIA**Briefing Report to the EPA Science Advisory Board on the Equilibrium Partitioning Approach to Generating Sediment Quality Criteria**

EPA Number : 440/5-89-002
 NTIS Number :
 Number of Pages: 150
 Audience : Technical
 Document Type : Report

Sediment Quality Criteria: Briefing Report to the EPA Science Advisory Board on the Equilibrium Partitioning Approach to Generating Sediment Quality Criteria

EPA Number : 440/5-89-002
 NTIS Number :
 Number of Pages:
 Audience : Technical
 Document Type : Report

CATEGORY:DRINKING WATER QUALITY CRITERIA AND ADVISORIES**Drinking Water Health Advisories for 15 VOC's**

A summary of health advisories of 15 VOC's found in drinking water: 1,1,2-Trichloroethane, Trichlorofluoromethane, o-Chlorotoluene, Hexachlorobutadiene, 1,1,1,2-Tetrachloroethane, Chloromethane, Bromochloromethane, 1,3,5-Trichlorobenzene, 1,2,4-Trichlorobenzene, Bis-(2-Chloroisopropyl) Ether, p-Chlorotoluene, 1,2,3-Trichloropropane, Bromomethane, Dichlorodifluoromethane, Naphthalene

EPA Number :
 NTIS Number : PB90-259821/AS
 Number of Pages: 245
 Audience : Water Utilities
 Document Type : Report

Drinking Water Health Advisories for 16 Pesticides

A summary of health advisories for 16 pesticides found in drinking water: Alachlor, Aldicarb, Carbofuran, Chlordane, 2,4-D, DBCP, 1,2-Dichloropropane, Endrin, Ethylene Dibromide, Heptachlor and Heptachlor Epoxide, Lindane, Methoxychlor, Oxamyl, Pentachlorophenol, Silvex, Toxaphene.

EPA Number :
 NTIS Number : PB87-200176/AS
 Number of Pages: 220
 Audience : Water Utilities
 Document Type : Report

Drinking Water Health Advisories for 25 Organic Contaminants

A summary of health advisories for 25 Organic Contaminants found in drinking water: Benzene, Carbon Tetrachloride, Chlorobenzene, ortho-, meta-, and para-Dichlorobenzene, 1,2-Dichloroethane, 1,1-Dichloroethylene, cis-1,2-Dichloroethylene, Trans-1,2-Dichloroethylene, p-Dioxane, Ethylbenzene, Ethylene Glycol, Hexachlorobenzene, n-Hexane, Methyl Ethyl Ketone, Tetrachloroethylene, Toulene, Trichloroethylene, Xylenes.

EPA Number :
 NTIS Number : PB87-235578/AS
 Number of Pages: 235
 Audience : Water Utilities
 Document Type : Report

Drinking Water Health Advisories for 7 Inorganics and Legionella

A summary of health advisories for 7 Inorganics and Legionella found in drinking water: Acrylamide, Barium, Cadmium, Chromium, Cyanide, Epichlorohydrin, Mercury, Nickel, Nitrate and Nitrite, Styrene, 2,3,7,8-Tetrachlorodibenzo-p-Dioxin, Vinyl Chloride.

EPA Number :
 NTIS Number : PB87-235586/AS
 Number of Pages: 185
 Audience : Water Utilities
 Document Type : Report

Drinking Water Health Advisory: Munitions

A summary of health advisories for munitions found in drinking water: Diisopropyl Methylphosphonic (DIMP), 1,3-Dinitrobenzene (DNB), Hexachloromethane (HCE), Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX), Nitrocellulose (NC), Nitroguanidine (NQ), Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX), Trinitroglycerol (TNG), 2,4,6-Trinitrotoluene (TNT) White Phosphorus (WP). Also includes Toxicological Profiles of Munitions and Other Environmental Contaminants.

EPA Number :
NTIS Number :
Number of Pages : 465
Audience : Technical
Document Type : Report

Drinking Water Health Advisory: Pesticides

A summary of health advisories for 50 pesticides found in drinking water: Acifluorfen, Ametryn, Ammonium Sulfamate, Atrazine, Baygon (Proxur), Bentazon, Bromacil, Butylate, Carbaryl, Carboxin, Chloramben, Chlorothalonil, Cyanazine, Dalapon, DCPA (Dacthal), Diazinon, Dicamba, 1,3-Dichloropropene, Dieldrin, Dimethrin, Dinoseb, Diphenamid, Disulfoton, Diuron, Endothall, Ethylene Thiourea, Fenamiphos, Fluometuron, Fonofos, Glyphosate, Hexazinone, Maleic Hydrazide, MCPA, Methomyl, Methyl Parathion, Metolachlor, Metribuzin, Paraquat, Picloram, Prometon, Pronamide, Propachlor, Propazine, Protham, Simazine, Tebuthiuron, Terbacil, Terbufos, 2,4,5-Trichlorophenoxyacetic Acid, Trifluralin.

EPA Number :
NTIS Number :
Number of Pages : 820
Audience : Water Utilities
Document Type : Technical Guidance

Technical Guidance on Supplementary Stream Design Conditions for Steady State Modeling

Water Quality Standards for many pollutants are written as a function of ambient environmental conditions, such as temperature, pH, or hardness. This document provides guidance on selecting values for these parameters using steady-state water quality models to allocate waste discharges among multiple dischargers.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Technical Guidance

CATEGORY:WATER QUALITY MODELING AND WASTELOAD ALLOCATIONS**Dynamic Toxics Wasteload Allocation Model (DYNTOX) User's Manual**

A user's manual that explains how to use the DYNTOX water quality model. It is designed for use in allocating wastewater discharges of toxic substances among multiple discharges. Three simulation techniques are used to calculate the frequency and severity of instream toxicity at different discharge levels.

EPA Number :
NTIS Number :
Number of Pages : 77
Audience : Technical
Document Type : Technical Guidance

EPA's Review and Approval Procedure for State Submitted TMDLs/WLAs

The step-by-step procedure outlined in this guidance addresses the administrative (i.e., non-technical) aspects of developing Total Maximum Daily Loads and Wasteload Allocations and submitting them to EPA for review and approval. It includes questions and answers to focus on key issues, pertinent sections of the Water Quality Management regulations and the Clean Water Act, and examples of correspondence.

EPA Number :
NTIS Number :
Number of Pages : 7
Audience : Water Quality Progra
Document Type : Program Guidance

Final Technical Guidance on Supplementary Stream Design Conditions for Steady State Modeling

Water Quality Standards for many pollutants are written as a function of ambient environmental conditions, such as temperature, pH or hardness. This document provides guidance on selecting values for these parameters when allocating wasteload dischargers among several dischargers using steady-state water quality models.

EPA Number :
NTIS Number :
Number of Pages : 81
Audience : Water Quality Scienti
Document Type : Technical Guidance

Guidance for State Water Monitoring and Waste Load Allocation Programs

Guidance for use by States and EPA Regions in developing annual work programs under sections 106 and 205 of the Clean Water Act. The first part of the document outlines the objectives of the water monitoring program to conduct assessments and make necessary control decisions. The second part describes the process of calculating total maximum daily loads and waste load allocations for point and nonpoint sources of pollution.

EPA Number : 440/4-85-031
NTIS Number :
Number of Pages : 48
Audience :
Document Type : Program Guidance

Guidance for Water Quality-based Decisions: The TMDL Process

This document defines and clarifies the requirements under Section 303(d) of the Clean Water Act. Its purpose is to help State water quality program managers understand the application of total maximum daily loads (TMDLs) through an integrated, basin-wide approach to controlling point and nonpoint source pollution. The document describes the steps that are involved in identifying and prioritizing impaired waters and developing and implementing TMDLs.

EPA Number : 440/4-91-001
NTIS Number :
Number of Pages : 58
Audience : Water Quality Progra
Document Type : Program Guidance

Handbook-Stream Sampling for Waste Load Allocations

Guidance on how to design stream surveys to support water quality modeling applications for allocating waste discharges among two or more dischargers (i.e., a wasteload allocation). This document describes the data collection process for model support, and it shows how models can be used to help design stream surveys. In general, the handbook is intended to educate field personnel on the relationship between water quality sampling and water quality modeling requirements.

EPA Number : 625/6-86/013
NTIS Number :
Number of Pages : 67
Audience : Water Quality Scienti
Document Type : Technical Guidance

Rates, Constants and Kinetics Formulations in Surface Water Quality Monitoring (Second Edition)

State-of-the-art formulations used in surface water quality modeling along with accepted values for rate constants and coefficients.

EPA Number : 600/3-85-040
NTIS Number :
Number of Pages: 455
Audience : Technical
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book II Streams and Rivers - Chapter 1 Biochemical Oxygen Demand/Dissolved Oxygen

This chapter presents the underlying technical basis for performing wasteload allocations and analysis of BOD/DO impacts. Mathematical models to calculate water quality impacts are discussed, along with data needs and data quality.

EPA Number : 440/4-84-020
NTIS Number :
Number of Pages: 259
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book II Streams and Rivers - Chapter 2 Nutrient/Eutrophication Impacts

This chapter describes the effect of photosynthetic activity stimulated by nutrient discharges on the dissolved oxygen of a stream or river. It is principally used for calculating dissolved oxygen concentrations using simplified estimating techniques when allocating wastewater discharges among several dischargers.

EPA Number : 440/4-84-021
NTIS Number :
Number of Pages: 126
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book II Streams and Rivers - Chapter 3 Toxic Substances

This chapter describes how mathematical models can be used for predicting toxicant concentrations in rivers. It covers a range of complexities, from dilution calculations to complex, multi-dimensional, time-varying computer models. The guidance includes discussion of background information and assumptions for specifying values.

EPA Number : 440/4-84-022
NTIS Number :
Number of Pages: 402
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book III Estuaries - Part 2 - Application of Estuarine Waste Load Allocation Models

This document provides a guide to monitoring and mathematical model calibration and testing, and a case study tutorial on simulation of problems in simplified estuarine systems.

EPA Number : 823-r-92-003
NTIS Number :
Number of Pages: 157
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book III Estuaries - Part 3: Use of Mixing Zone Models in Estuarine Waste Load Allocations

This document summarizes initial dilution and mixing zone processes and their application in allocating wastewater discharges among multiple dischargers. It provides a basis for understanding the concept of mixing zones and the base modeling framework for computing mixing zone boundaries.

EPA Number :
NTIS Number :
Number of Pages: 157
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book III Estuaries - Part 4: Critical Review of Estuarine WLA Modeling

This document summarizes several historical case studies, with critical review by noted experts.

EPA Number :
NTIS Number :
Number of Pages: 37
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book III Estuaries - Part I - Estuaries and Waste Load Allocation Models

This document provides technical information and policy guidance for allocating wastewater discharges among multiple dischargers in estuarine waters. It summarizes the important water quality problems, estuarine characteristics, and the simulation models available for addressing these problems.

EPA Number : 823-r-92-002
NTIS Number :
Number of Pages: 83
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book IV Lakes and Impoundments - Chapter 2 Nutrient/Eutrophication Impacts

This chapter discusses lake eutrophication processes and some factors that influence the performance of wasteload allocation analysis and the interpretation of results. Three classes of models are discussed, along with the application of mathematical models and interpretation of resulting calculations. Finally, the document provides guidance on monitoring programs and simple statistical procedures.

EPA Number : 440/4-84-019
NTIS Number :
Number of Pages: 119
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book IV Lakes, Reservoirs and Impoundments - Chapter 3 Toxic Substances Impact

This chapter reviews the basic principles of chemical water quality modeling frameworks. The guidance includes discussion of assumptions and limitations of such modeling frameworks, as well as the type of information required for model application. Different levels of model complexity are illustrated in step-by-step examples.

EPA Number : 440/4-87-002
NTIS Number :
Number of Pages: 221
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book VI Design Conditions - Chapter 1 Stream Design Flow for Steady-State Modeling

Many state water quality standards specify specific design flows. Where such design flows are not specified, this document provides a method to assist in establishing a maximum design flow for the final chronic value of any pollutant.

EPA Number : 440/4-87-004
NTIS Number :
Number of Pages: 62
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Book VII Permit Averaging Periods

This document provides an innovative approach to determining which types of permit limits (daily maximum, weekly, or monthly averages) should be specified for the steady-state model output, based on the frequency of acute criteria violations.

EPA Number : 440/4-84-023
NTIS Number :
Number of Pages: 158
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Guidance Manual for Performing Waste Load Allocations - Simplified Analytical Method for Determining NPDES Effluent Limitations for POTW's Discharging into Low-Flow Streams

This document describes methods primarily intended for "desk top" wasteload allocation investigations or screening studies that use available data for streamflow, effluent flow, and water quality. It is intended for circumstances where resources for analysis and data acquisition are relatively limited.

EPA Number :
NTIS Number :
Number of Pages: 73
Audience : Water Quality Scienti
Document Type : Technical Guidance

Technical Support Document for Water Quality-based Toxics Control

This document discusses assessment approaches, water quality standards, derivation of ambient criteria, effluent characterization, human health hazard assessment, exposure assessment, permit requirements, and compliance monitoring. An example is used to illustrate the recommended procedures.

EPA Number : 505/2-90-001
NTIS Number :
Number of Pages: 269
Audience : Water Quality Scienti
Document Type : Technical Guidance

Water Quality Assessment: A Screening Procedure for Toxic and Conventional Pollutants in Surface and Ground Water - Part I

This document provides a range of analyses to be used for water quality assessment. Chapters include consideration of aquatic fate of toxic organic substances, waste loading calculations, rivers and streams, impoundments, estuaries, and groundwater.

EPA Number : 600/6-85-022a
NTIS Number :
Number of Pages: 609
Audience : Water Quality Scienti
Document Type : Technical Guidance

Water Quality Assessment: A Screening Procedure for Toxic and Conventional Pollutants in Surface and Ground Water - Part II

This document provides a range of analyses to be used for water quality assessment. Chapters include consideration of aquatic fate of toxic organic substances, waste loading calculations, rivers and streams, impoundments, estuaries, and groundwater.

EPA Number : 600/6-85/022b
NTIS Number :
Number of Pages : 444
Audience : Water Quality Scienci
Document Type : Technical Guidance

CATEGORY:ANALYTICAL LABORATORY METHODS**Analysis of Extractable Organic Pollutant Standards by Isotope Dilution GC/MS**

This document was an early publication of Methods 625, and as such, has been superseded by several formal versions of that method.

EPA Number :
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Methods

Analytical Method for Determination of Acid Volatile Sulfide

EPA Number :
NTIS Number :
Number of Pages : 20
Audience : Technical
Document Type : Report

Analytical Methods for the National Sewage Sludge Survey

A compilation of the analytical methods that USEPA used in conducting the National Sewage Sludge Survey, as well as methods proposed for monitoring under 40 CFR Parts 257 and 503, Standards for the Disposal of Sewage Sludge. These methods are taken from EPA methods and from "Methods for Chemical Analysis of Water and Waste" published by U.S. EPA EMSL Laboratory in Cincinnati, Ohio, 45268.

EPA Number :
NTIS Number :
Number of Pages : 260
Audience : Technical
Document Type : Methods

C, N, and O Compounds - Cycloprate, Kinoprene, Methoprene, and Resmethrin: Method 616.

A laboratory analytical method developed by EMSL Cincinnati in 1985 for the determination of the carbon-, hydrogen-, and oxygen-containing pesticides Cycloprate, Kinoprene, and Resmethrin. The compounds are determined by gas chromatography with a flame ionization detector (GC/FID) after extraction of the sample with methylene chloride. For copies of this document, call 513-569-7301 or write:

EPA Number : 600/4-85-019
NTIS Number : PB85-188951
Number of Pages : 28
Audience : Technical
Document Type : Methods

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

Contaminated Sediments News

A newsletter, issued periodically, that contains information about contaminated sediment issues. Back issues of the newsletter are available.

EPA Number : 823-N92-001
NTIS Number :
Number of Pages :
Audience : General
Document Type : Newsletter

Determination of Bendiocarb in Industrial and Municipal Wastewaters.

This document describes a method developed by EMSL Cincinnati in 1985 for the determination of Bendiocarb. This compound is determined by high performance liquid chromatography with a UV detector after extraction of the sample with methylene chloride and solvent exchange into acetonitrile. For copies of this document, call 513-569-7301 or write:

EPA Number : 600/4-85-021
NTIS Number : PB85-188159
Number of Pages : 26
Audience : Technical
Document Type : Methods

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

Determination of Benomyl and Carbendazim in Industrial and Municipal Wastewater: Method 631.

A laboratory method developed by EMSL Cincinnati for the determination of Benomyl and Carbendazim. For copies of this document, call 513-569-7301 or write:

EPA Number : 600/4-82-012
NTIS Number : PB82-156068
Number of Pages :
Audience : Technical
Document Type : Methods

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

Determination of Bensulide in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Bensulide. This compound is determined by high performance liquid chromatography with a UV detector after extraction of the sample with methylene chloride and solvent exchange into acetonitrile. For copies of this document, call 513-569-7301 or write:

EPA Number : 600/4-85-022
NTIS Number : PB85-188977
Number of Pages : 25
Audience : Technical
Document Type : Methods

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

Determination of Carbamate and Urea Pesticides in Industrial and Municipal Wastewater: Method 632.

A laboratory method developed by EMSL Cincinnati for the determination of Carbamate and Urea Pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-014
NTIS Number : PB82-156084
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Chlorinated Herbicides in Industrial and Municipal Wastewater

A laboratory method developed by EMSL Cincinnati for the determination of Chlorinated Herbicides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-005
NTIS Number : PB82-155995
Number of Pages: 21
Audience : Technical
Document Type : Methods

Determination of Cyanazine in Industrial and Municipal Wastewater: Method 629

A laboratory method developed by EMSL Cincinnati for the determination of Cyanazine. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-010
NTIS Number : PB82-156043
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Dinitroaniline Pesticides in Industrial and Municipal Wastewater: Method 627.

A laboratory method developed by EMSL Cincinnati for the determination of Dinitroaniline pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-009
NTIS Number : PB82-158035
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Diphenylamine in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Diphenylamine. This compound is determined by gas chromatography with an alkali flame detector (GC/AFD) after extraction of the sample with methylene chloride. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-025
NTIS Number : PB85-190874
Number of Pages: 28
Audience : Technical
Document Type : Methods

Determination of Dithiocarbamate Pesticides in Industrial and Municipal Wastewater: Method 630.

A laboratory method developed by EMSL Cincinnati for the determination of Dithiocarbamate Pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-011
NTIS Number : PB82-156050
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Hexachlorophene and Dichlorophene in Industrial and Municipal Wastewaters

A draft laboratory method from 1985 that may never have been finalized. The method is for the determination of the two phenolic pesticides Hexachlorophene and Dichlorophene, and employs high performance liquid chromatography (HPLC). For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-027
NTIS Number : PB85-188209
Number of Pages: 25
Audience : Technical
Document Type : Methods

Determination of MBTS and TCNTB in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of MBTS and TCNTB. These compounds are determined by high performance liquid chromatography with a UV detector after extraction of the sample with methylene chloride. For copies of this document call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-026
NTIS Number : PB85-189025
Number of Pages: 27
Audience : Technical
Document Type : Methods

Determination of Mercaptobenzothiazole in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Mercaptobenzothiazole. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD 26 West
Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-026
NTIS Number : PB85-191120
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Organophosphorus Pesticides in Industrial and Municipal Wastewater: Method 614.

A laboratory method developed by EMSL Cincinnati for the determination of Organophosphorus pesticides. For copies of this document call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-004
NTIS Number : PB82-155987
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Organohalide Pesticides and PCBs in Industrial and Municipal Wastewater: Method 617.

A laboratory method developed by EMSL Cincinnati for the determination of Organohalide pesticides and PCBs. For copies of this document call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-006
NTIS Number : PB82-156001
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Organonitrogen Pesticides in Industrial and Municipal Wastewater: Method 633.

A laboratory method developed by EMSL Cincinnati for the determination of Organonitrogen pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-013
NTIS Number : PB82-156076
Number of Pages:
Audience : Technical
Document Type : Methods

Determination of Organophosphorus Pesticides in Industrial and Municipal Wastewater: Method 622.

A laboratory method developed by EMSL Cincinnati for the determination of Organophosphorus pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-008
NTIS Number : PB82-156027
Number of Pages :
Audience : Technical
Document Type : Methods

Determination of Oryzalin in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Oryzalin. This compound is determined by high performance liquid chromatography with a UV detector after extraction of the sample with methylene chloride and solvent exchange into acetonitrile. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-024
NTIS Number : PB85-188985
Number of Pages : 26
Audience : Technical
Document Type : Methods

Determination of Rotenone in Industrial and Municipal Wastewaters

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Rotenone. This compound is determined by high performance liquid chromatography with a UV detector after extraction of the sample with methylene chloride. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-023
NTIS Number : PB85-188993
Number of Pages : 27
Audience : Technical
Document Type : Methods

Determination of Triazine Pesticides in Industrial and Municipal Wastewater: Method 619.

A laboratory method developed by EMSL Cincinnati for the determination of Triazine pesticides. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-82-007
NTIS Number :
Number of Pages :
Audience : Technical
Document Type : Methods

Determination of Volatile Pesticides in Industrial and Municipal Wastewaters.

A laboratory method developed by EMSL Cincinnati in 1985 for the determination of Chloropicrin and Ethylene dibromide. The compounds are determined by gas chromatography with an electron capture detector (GC/ECD) after extraction of the sample with cyclohexane. For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-85-020
NTIS Number : PB85-189918
Number of Pages: 26
Audience : Technical
Document Type : Methods

Interim Protocol of the Automated Analysis of Semivolatile Organic Compounds by Gas Chromatography/Fourier Transform Infrared (GC/FT-IR) Spectrometry.

For copies of this document, call 513-569-7301 or write:

U.S. Environmental Protection Agency
Environmental Monitoring Systems Laboratory/ORD
26 West Martin Luther King Drive
Cincinnati, Ohio 45268

EPA Number : 600/4-84-081
NTIS Number : PB85-225286
Number of Pages:
Audience : Technical
Document Type : Methods

Method 1624 Revision C: Volatile Organic Compounds by Isotope Dilution GC/MS - Method 1625 Revision C: Semivolatile Organic Compounds by Isotope Dilution GC/MS

Laboratory analytical methods for analysis of pollutants in aqueous and solid matrices. These methods employ isotope dilution gas chromatography and mass spectrometry to analyze the volatile compounds removed from a sample by purge and trap techniques, or extracted from a sample in methylene chloride by continuous liquid-liquid extraction.

EPA Number :
NTIS Number :
Number of Pages: 75
Audience : Technical
Document Type : Methods

Selected Background Documents for the Notice of Data Availability for the BCT Methodology

EPA Number : 440/2-84-017
NTIS Number :
Number of Pages: 465
Audience : Technical
Document Type : Report

Test Methods for Escherichia Coli and Enterococci - In Water by the Membrane Filter Procedure

Methods used to measure the bacteriological densities of E. coli and enterococci in ambient waters.

EPA Number : 600/4-85-076
NTIS Number :
Number of Pages: 25
Audience : Technical
Document Type : Methods

The 1987 Industrial Technology Division List of Analytes

This document is derived from the List of Lists document, now known as EMMI. The List of Analytes represented a subset of chemical of environmental concern for which EPA would test in its analytical programs in support of effluent guidelines development. Both the format of the document and the specific list of analytes have been superseded in later publications of the list.

EPA Number :
NTIS Number :
Number of Pages : 62
Audience : Technical
Document Type : Report

The 1988 List of Lists - List of ITD/RCRA Analytes

This document, which has been superseded by the 1991 publication of the List of Lists, is a compilation of the lists of chemicals of environmental concern to EPA. For each chemical, analytical methods available for its analysis, the organization responsible for maintain each method, and the regulatory origin and Agency lists on which the chemical appears are identified, as well as other information.

EPA Number :
NTIS Number :
Number of Pages : 556
Audience : Technical
Document Type : Report

The Determination of Organochlorine Pesticides in Industrial and Municipal Wastewater: Method 608.1

EPA Number : 600/4-82-003
NTIS Number : PB82-155979
Number of Pages :
Audience : Technical
Document Type : Methods

CATEGORY:CONTAMINATED SEDIMENT

Contaminated Sediments: Relevant Statutes and EPA Program Activities

A reference document that lists contaminated sediment issues and the specific statutes under which they fall. A table containing major laws or agreements relevant to sediment quality issues is included.

EPA Number : 506/6-90-003
NTIS Number :
Number of Pages : 139
Audience : Technical
Document Type : Report

Managing Contaminated Sediments: EPA Decision-making Processes

Identifies EPA's current decision-making process (across relevant statutes and programs) for assessing and managing contaminated sediments, including location and assessment, prevention and source controls, remediation, treatment and removal.

EPA Number : 506/6-90-002
NTIS Number :
Number of Pages : 62
Audience : Technical
Document Type : Report

Sediment Classification Methods Compendium

An encyclopedia of methods that are used to assess chemically contaminated sediments. It contains a description of each method and associated advantages and limits in existing applications.

EPA Number : 823-r-92-006
NTIS Number :
Number of Pages : 350
Audience :
Document Type : Technical Guidance

Sediment Classification Methods Compendium (Draft Final)

An "encyclopedia" of methods used to access chemically contaminated sediments. A description of each method is presented along with associated advantages, limitations, and existing applications.

EPA Number :
NTIS Number :
Number of Pages: 75
Audience : Technical
Document Type : Report

Special Interest Group (SIG) Forum for Fish Consumption Risk Management, User's Manual, V.1.0.

A user's manual that describes various features of the Special Interest Group (SIG) Forum for fish consumption advisories, bans and risk management. The manual explains how to access the SIG and use its data bases, messages, bulletins and other computer files.

EPA Number : 882/8-91/001
NTIS Number :
Number of Pages:
Audience : General
Document Type :

CATEGORY:FISH TISSUE QUALITY**Consumption Surveys for Fish and Shellfish: A Review and Analysis of Survey Methods**

A critical analysis of methodologies which have been used to obtain fish consumption rates in recreational and subsistence fishers.

EPA Number : 822/R-92-001
NTIS Number :
Number of Pages: 55
Audience : Technical
Document Type : Report

Results of the 1989 Census of State Fish/Shellfish Consumption Advisory Programs

A summary of State responses to the 1989 American Fisheries Society's fish/shellfish consumption advisory questionnaire.

EPA Number :
NTIS Number :
Number of Pages: 42
Audience :
Document Type : Report

CATEGORY:MUNICIPAL SEWAGE SLUDGE**Sampling Procedures and Protocols for the National Sewage Sludge Survey**

A compilation of the sampling procedures and protocols that EPA used in conducting the National Sewage Sludge Survey. The procedures are dependent upon the sewage treatment processes that are employed at a given facility and vary by sampling point and analyte of concern.

EPA Number :
NTIS Number :
Number of Pages: 32
Audience : Technical
Document Type : Methods

CATEGORY:VIDEOS**Antidegradation Policy: A Means to Maintain and Protect Existing Uses and Water Quality**

15 minute video presentation (on VHS format) containing general information about EPA's antidegradation policy and its origins.

EPA Number : 823-v-90-003
NTIS Number :
Number of Pages:
Audience : General
Document Type : Video

Development of Biological Criteria for Use in Water Quality Standards

18-minute video presenting an overview of the biological criteria that States and Indian Tribes are to adopt to meet the objectives of the Clean Water Act.

EPA Number : 823-v-92-003
 NTIS Number :
 Number of Pages :
 Audience : General
 Document Type : Video

Development of Water Quality Criteria and Its Relationship to Water Quality Standards

14-minute video presenting an overview of the relationship between water quality standards and water quality criteria.

EPA Number : 823-v-90-002
 NTIS Number :
 Number of Pages :
 Audience : General
 Document Type : Video

Economic Considerations in Water Quality Standards

15-minute video describing WHY economics may be considered; describing WHERE in the process economics are considered; and discussing HOW economic considerations are used in the water quality standards process.

EPA Number : 823-v-92-001
 NTIS Number :
 Number of Pages :
 Audience :
 Document Type : Video

Enumeration Methods for E. Coli and Enterococci

An overview of the water quality standards program presented primarily for Indian Tribes wishing to qualify as States for the program.

EPA Number : 823-v-86-001
 NTIS Number :
 Number of Pages :
 Audience : Technical
 Document Type : Video

Introduction to Water Quality Standards

13-minute video presenting an overview of the water quality standards program, including uses, criteria and the antidegradation policy.

EPA Number : 823-v-90-001
 NTIS Number :
 Number of Pages :
 Audience : General
 Document Type : Video

Water Quality Standards and 401 Certification

16-minute video presenting an overview of Section 401 of the Clean Water Act and its relationship to water quality standards.

EPA Number : 823-v-91-001
 NTIS Number :
 Number of Pages :
 Audience : General
 Document Type : Video

Water Quality Standards on Indian Lands

Contains information about the amendments to the water quality standards regulation pertaining to Indian Lands.

EPA Number : 823-v-92-002
 NTIS Number :
 Number of Pages :
 Audience :
 Document Type : Video

Water Quality-Based Approach to Pollution Control

Overview of the critical steps in the water quality based approach to pollution control.

EPA Number : 823-v-91-002
NTIS Number :
Number of Pages :
Audience : General
Document Type : Video

CATEGORY:NEWSLETTERS**Water Quality Criteria and Standards Newsletter [Published Quarterly] [SASD Quarterly Newsletter]**

Newsletter focusing on national, state, and local governments' activities in the water quality standards program (e.g., wetlands, biocriteria, etc.).

EPA Number :
NTIS Number :
Number of Pages :
Audience : General
Document Type : Newsletter

CATEGORY:OTHER**Catalog of Office of Science and Technology Publications**

A list of Office of Science and Technology Publications and information on how copies may be obtained. Publications include technical guidance documents, reports, videos, regulations, development documents, posters, etc.

EPA Number : 820-B-92-002
NTIS Number :
Number of Pages : 78
Audience : General
Document Type : Catalog

Dam Water Quality Study

A study of water quality effects attributable to the impoundment of water by dams.

EPA Number : 506/2-89-002
NTIS Number :
Number of Pages : 121
Audience : Technical
Document Type : Report

De Minimis Discharges Study

A Report to Congress which identifies potential de minimis discharges to surface waters and recommends appropriate methods of regulating those discharges.

EPA Number : 440/4-91-002
NTIS Number :
Number of Pages : 200
Audience : Technical
Document Type : Report

Final Guidance for Implementation of Requirements under Section 304(l) of the Clean Water Act as Amended, March 1988

Guidance to assist States in implementing Section 304(l) of the Clean Water Act, which requires States to develop lists of impaired waters, identify point sources and amounts of pollutants they discharge that cause toxic impacts, and develop individual control strategies for each point source.

EPA Number :
NTIS Number :
Number of Pages : 60
Audience : State Water Quality Act
Document Type : Program Guidance

Report to Congress: The Effects of Discharges from Limestone Quarries on Water Quality and Aquatic Biomonitoring

An analysis of the impact of discharges from limestone quarries on stream chemistry and biology. The report includes an evaluation of wastewater treatment technology and a cost analysis.

EPA Number : 440/1-82-059
 NTIS Number : PB82-242207
 Number of Pages: 198
 Audience : Technical
 Document Type : Report to Congress

U.S. EPA/Paper Industry Cooperative Dioxin Screening Study

This "Five-Mill Study" is a report on the presence and quantities of 2,3,7,8 TCDD and polychlorinated dibenzo-p-dioxins in treated effluents, sludges, and pulps at five mills which bleach chemical pulps with chlorine.

EPA Number : 440/1-88-025
 NTIS Number :
 Number of Pages:
 Audience : Technical
 Document Type : Report

Water Quality Improvement Study

Congressional study which identifies improvements in water quality attributable to the application of best available technology economically achievable.

EPA Number : 440/4-90-001
 NTIS Number :
 Number of Pages: 53
 Audience : Technical
 Document Type : Report