



Cal/EPA

May 16, 1997



Pete Wilson
Governor

**Los Angeles
Regional Water
Quality Control
Board**

Mr. W.M. Parker III
Manager
Filtrol Corporation
3200 E. Washington Boulevard
Los Angeles, CA 90023

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Monterey Park, CA
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(213) 266-7500
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**WASTE DISCHARGE REQUIREMENTS AND NPDES PERMIT - ORDER No. 97-056
FILTRAL CORPORATION, 3305 E. BANDINI BOULEVARD, VERNON, CA (CA0057886,
CI-6242)**

Our letter dated March 18, 1997, transmitted tentative requirements for your discharge of wastes to the Los Angeles River.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public hearing held on May 12, 1997, reviewed the tentative requirements, considered all factors in the case, and adopted Order No. 97-056 (copy attached) relative to this waste discharge. This Order serves as a permit under the National Pollutant Discharge Elimination System (NPDES), and expires on March 10, 2002. Pursuant to 40 Code of Federal Regulations Part 122.41(d) and Section 2235.2, Title 23, California Code of Regulations, the discharger is required to file a complete application for a new permit at least 180 days before the expiration date, if the discharge should continue beyond that date.

You are required to implement the monitoring program on the effective date of this Order. Please note that any monitoring report due under your previous Monitoring and Reporting Program is still required and must be submitted by the due date. All monitoring reports should be sent to the Regional Board, ATTN : Technical Support Unit.

When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. 6242", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

If you have any questions, please call Jose M. Morales at (213) 266-7597.

JOSHUA M. WORKMAN
Senior Water Resource
Control Engineer

* To save printing and postage costs, Standard Provisions and General Monitoring and Reporting Requirements, are now sent only to the addressee; however, anyone may obtain copies by contacting the Board staff listed below.

Mr. W. M. Parker III
Filtrol Corporation
Page 2 of 2

MAILING LIST
FOR
FILTROL CORPORATION

Environmental Protection Agency, Region 9, Permit Section (W-5-1)
U.S. Army Corps of Engineers
U.S. Fish and Wildlife Services, Division of Ecological Services
NOAA, National Marine Fisheries Service
Mr. Jorge Leon, Office of Chief Counsel, State Water Resources Control Board
Mr. John Youngerman, Division of Water Quality, State Water Resources Control Board
California Department of Fish and Game, Marine Resources, Region 5
California Department of Health Services, Environmental Branch
California Coastal Commission, South Coast District
South Coast Air Quality Management District
Water Replenishment District of Southern California
Los Angeles County, Environmental Programs Division
Los Angeles County, Department of Health Services

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. 97-056
NPDES NO. CA0057886

WASTE DISCHARGE REQUIREMENTS
FOR
FILTRON CORPORATION

The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. Filtron Corporation (Filtron), discharges wastewater under waste discharge requirements contained in Order No. 87-106 and NPDES permit No. CA0057886 adopted by this Board on July 27, 1987.
2. Filtron has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System (NPDES) permit.
3. Filtron operates a plant that produces fluidized catalytic cracking (FCC) catalyst at 3305 East Bandini Boulevard, Vernon, California, and discharges up to 897,000 gallons per day of rainfall run-off, which may pick up pollutants from the industrial area and parking area.
4. The facility is divided into two sections which consists of the industrial area located at the south end of the property along Bandini Boulevard and the office building and parking lot (non-industrial area) located at the north end of the property along 26th Street. The two sections are graded separately such that the rainfall run-off of each section do not intermix and flow to independent storm drains.

The first one tenth of an inch of rainfall run-off from the industrial area is diverted to the sanitary sewer; afterwards the wastewater is discharged to a nearby stormdrain (Discharge Serial No. 001) located at Bandini Boulevard. The rainfall run-off from the non-industrial area is also discharged to a nearby stormdrain (Discharge Serial No. 002) located at 26th Street, immediately west of the railroad spur that enters the Filtron facility from 26th Street. The wastewater flows to the Los Angeles River, a water of the United States above the estuary. Figure 1 show the location map.

Due to the proximity of the outfalls to each other the Latitude and Longitude will be considered the same. The points of discharge are as follows:

Discharge Serial No. 001 - For storm water discharge only.

Latitude 34° 00' 33"
Longitude 118° 12' 27"

Discharge Serial No. 002 - For storm water discharge only from non-industrial area.

Latitude 34° 00' 33"
Longitude 118° 12' 27"

5. Discharge Serial No. 002 will not be subjected to discharge limitations because the office building and parking lot area is considered a non-industrial area. However, Stormwater Monitoring and Reporting Program as specified in the Monitoring and Reporting Program, (Attachment 1) shall apply.
6. Maximum discharge limitations specified in this permit are based upon the Los Angeles River Basin Plan, the Environmental Protection Agency Water Quality Criteria, the California Ocean Plan and/or best available technology economically feasible.
7. The Board adopted a revised Water Quality Control Plan for the Los Angeles River Basin (Basin Plan) on June 13, 1994. The Basin Plan contains water quality objectives for the Los Angeles River.
8. The beneficial uses of the receiving waters are: Ground water recharger, water contact recreation, non-contact water recreation, warm freshwater habitat, wildlife habitat.
9. Effluent limitations and national standards of performance established pursuant to Section 301, 302, 303, (d), 304, 306, and 307 of the Clean Water Act and amendments thereto are applicable to the discharge.
10. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan and will protect the beneficial uses of the receiving water.
11. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with section 21100) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

The Board has notified the discharger and interested agencies and persons of its intent to issue waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board, in a public hearing, heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Clean Water Act or amendments thereto, and shall take effect at the end of ten days from the date of its adoption provided the Regional Administrator, United States Environmental Protection Agency, has no objections.

IT IS HEREBY ORDERED that Filtrol Corporation, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. DISCHARGE LIMITATIONS

1. Waste discharged shall be limited to stormwater only, as proposed.
2. The discharge of an effluent with constituents in excess of the following limits is prohibited:

a. Discharge point 001:

<u>Constituents</u>	<u>Units of Measurement</u>	<u>Discharge Limitations Maximum</u>
Oil and grease	mg/l lbs/day ¹	15 112
Total dissolved solids	mg/l lbs/day ¹	1500 11208
Sulfate	mg/l lbs/day ¹	350 2615
Chloride	mg/l lbs/day ¹	150 1121
Nitrate plus Nitrite (as N)	mg/l lbs/day ¹	8 60

¹ Based on a maximum flow of 897,000 gallons per day.

B. REQUIREMENTS AND PROVISIONS

1. The discharger must develop and implement a Storm Water Pollution Prevention Plan in accordance with Attachment A (Storm Water Pollution Prevention Plan) within 60 days of the effective date of this Order. An existing SWPPP which complies with the requirements of Attachment A will serve to satisfy this requirement.
2. The discharger must comply with the lawful requirements of municipalities, counties, drainage districts, and other local agencies regarding discharges of storm water to storm drain systems or other water courses under their jurisdiction; including applicable requirements in municipal storm water management programs developed to comply with NPDES permits issued by the Regional Water Board to local agencies.
3. This order and permit may be modified, revoked, reissued, or terminated in accordance with the provisions of 40 CFR, Sections 122 and 125. Cause for taking such action includes, but is not limited to, failure to comply with any condition of this order and permit, endangerment to human health or the environment resulting from the permitted activity, or acquisition of newly obtained information which would have justified the application of different conditions if known at the time of order adoption and permit issuance.

The filing of a request by the discharger for an order and permit modification of planned changes or anticipated noncompliance does not stay any condition of this order and permit.

4. This Order may also be modified, in accordance with the provisions set forth in 40 CFR Parts 122 and 124, to include requirements for the implementation of the watershed protection management approach.
5. This Order includes the attached "Standard Provisions and General Monitoring and Reporting Requirements" (Attachment B). If there is any conflict between provisions stated hereinbefore and the attached "Standard Provisions and General Monitoring and Reporting Requirements," those provisions stated hereinbefore prevail.

C. EXPIRATION DATE

This Order expires on March 10, 2002.

The discharger must file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, not later than 180 days in advance of the expiration date as application for issuance of new waste discharge requirements.

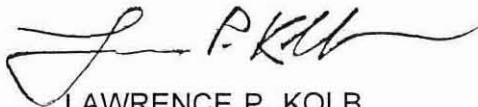
Filtrol Corporation
Order No. 97-056

CA0057886

D. RESCISSION

Except for enforcement purposes, Order No. 87-106, adopted by this Board on July 27, 1987, is hereby rescinded.

I, Lawrence P. Kolb, Acting Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on May 12, 1997.



LAWRENCE P. KOLB
Acting Executive Officer

/JMM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI- 6242
FOR
FILTRON CORPORATION
(CA0057886)

I. REPORTING REQUIREMENTS

- A. The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due by July 15, 1997.

Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January	February 15
February	March 15
March	April 15
April - June	July 15
July - September	October 15
October	November 15
November	December 15
December	January 15
Annual Monitoring Data Report	By March 1 of each year
Annual Storm water Report	By July 1 of each year

- B. If no discharge occurs during any monitoring period, the report shall so state.
- C. Laboratory analyses - all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of laboratory certification shall be provided each time a new and/or renewal is obtained from ELAP.
- D. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC items should be run on the same dates when samples were actually analyzed and documentation shall accompany the laboratory reports. Proper chain-of custody procedures should be followed and verification submitted in the report.
- E. The detection limits employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular detection limit is not attainable and obtains approval for a higher detection limit from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and associated laboratory quality assurance/quality control procedures.

- F. For every item where the requirements are not met, Filtrol Corporation, shall submit a statement of the cause(s) and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, and submit a timetable for implementation of these actions.
- G. By March 1 of each year, Filtrol Corporation shall submit an annual report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, Filtrol Corporation shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with waste discharge requirements. The annual report may also be submitted to the Regional Board on hard copy and on 3 1/2" or 5 1/4" computer diskette. Submitted data must be IBM compatible, preferably using Lotus 123, dBase, or Quattro Pro software.

II. STORMWATER MONITORING AND REPORTING

The Discharger shall implement the attached Storm Water Monitoring and Reporting Program (Attachment 1) which shall be coordinated with the effluent monitoring.

III. EFFLUENT MONITORING

A sampling station shall be established for discharge point 001 and shall be located where representative samples of the effluent can be obtained. The location of the sampling station shall be submitted to the Executive Officer. Any changes in sampling station or location shall be approved by the Executive Officer. Sections B6, B7 and B8 of Attachment 1 are not applicable to discharge point 001, instead the following shall constitute the effluent monitoring program:

- a. Discharge point 001:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis¹</u>
Temperature	°F	----	once per discharge event
Total waste flow	gal/day	----	once per discharge event
Oil and grease	mg/l	grab	once per discharge event
pH ²	pH units	grab	once per discharge event
Sulfate	mg/l	grab	once per discharge event
Total dissolved solids	mg/l	grab	once per discharge event
Chloride	mg/l	grab	once per discharge event
Nitrate & Nitrite (as N)	mg/l	grab	once per discharge event

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis¹</u>
Priority Pollutants (listed on page T-4)	mg/l	grab	once in the lifetime of the permit ³
Toxicity ⁴	% survival	grab	annually

¹ During periods of storm water discharge, samples shall be taken during the first 30 minutes of discharge. Each separate period of storm water discharge shall be sampled but not more than one set of samples per week is required.

² pH shall be monitored at the discharge point where temperature is recorded.

³ Samples shall be obtained during the first 30 minutes of the first storm during which there is a discharge in the months of October to March.

⁴ By the method specified in "Methods for Measuring the Acute Toxicity of Effluents to Freshwater and Marine Organisms" - March 1985 (EPA/600/485/013). Submission of bioassay results should include the information noted on pages 45-49 of the "Methods". The fathead minnow (*Pimephales promelas*) shall be used as the test species.

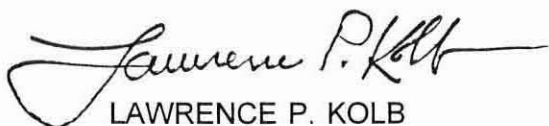
The annual Toxicity test sample must be performed during the months of October through March.

If the results of the toxicity test yields a survival of less than 90%, then the frequency of analyses shall increase to monthly until at least three test results have been obtained and full compliance with Effluent Limitations has been demonstrated, after which the frequency of analyses shall revert to semi-annually. Results of toxicity tests shall be included in the first monitoring report following sampling.

b. Discharge point 002:

Requirements B4, B5, B6, B7 and B8 of Attachment 1 are not applicable to your discharge.

Ordered by:



LAWRENCE P. KOLB
 Acting Executive Officer

Date: May 12, 1997

/JMM

PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if specifically required)

Pesticides & PCBs

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Toxaphene
PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis(2-chloroethyl) ether
2-chloronaphthalene
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3'-dichlorobenzidine
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
Bis(2-chloroisopropyl) ether
Bis(2-chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo(a) anthracene
Benzo(a) pyrene
Benzo(b) fluoranthene
Benzo(k) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-benzoperylene
Fluorene
Phenanthrene
1,2,5,6-dibenzanthracene
Indeno (1,2,3-cd) pyrene
Pyrene
TCDD

Acid Extractibles

2,4,6-trichlorophenol
P-chloro-m-cresol
2-chlorophenol
2,4-dichlorophenol
2,4-dimethylphenol
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Chloroform
1,1-dichloroethylene
1,2-trans-dichloroethylene
1,2-dichloropropane
1,2-dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Bromodichloromethane
Dibromochloromethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-chloroethyl vinyl ether

C1-6242

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

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Chloride	mg/l	grab	once per discharge event
Nitrate & Nitrite (as N)	mg/l	grab	once per discharge event

Filtrol Corporation
Monitoring and Reporting Program

CI-6242

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis¹</u>
Priority Pollutants (listed on page T-4)	mg/l	grab	once in the lifetime of the permit ³
Toxicity ⁴	% survival	grab	annually

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Ordered by:



LAWRENCE P. KOLB
Acting Executive Officer

Date: May 12, 1997

/JMM

PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if specifically required)

Pesticides & PCBs

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Toxaphene
PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis(2-chloroethyl) ether
2-chloronaphthalene
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3'-dichlorobenzidine
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
Bis(2-chloroisopropyl) ether
Bis(2-chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo(a) anthracene
Benzo(a) pyrene
Benzo(b) fluoranthene
Benzo(k) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-benzoperylene
Fluorene
Phenanthrene
1,2,5,6-dibenzanthracene
Indeno (1,2,3-cd) pyrene
Pyrene
TCDD

Acid Extractibles

2,4,6-trichlorophenol
P-chloro-m-cresol
2-chlorophenol
2,4-dichlorophenol
2,4-dimethylphenol
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Chloroform
1,1-dichloroethylene
1,2-trans-dichloroethylene
1,2-dichloropropane
1,2-dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Bromodichloromethane
Dibromochloromethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-chloroethyl vinyl ether