

VERIFIED BY [unclear] DATE [unclear] DISCHARGE [unclear] MWD WATER
BETTESTED, W. WATER, SYSTEM WAS 1 ON MWD WATER.

STATE OF CALIFORNIA—ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION



71 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

September 10, 1993

Mr. Peter Frankel, P.E.
Supervising Engineer
City of Burbank
Public Service Department
P.O. Box 631
Burbank, CA. 91503-0631

GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT AND WASTE DISCHARGE REQUIREMENTS - RESERVOIR FOREBAY AT 2030 NORTH HOLLYWOOD WAY, AND WELLS 6,10,11,12,13,14,17, AND 18, BURBANK (NPDES NO. CAG994116, CI-7316)

We have completed our review of your application for a permit to discharge waste under National Pollutant Discharge Elimination System (NPDES) permit.

City of Burbank owns and operates the Valley Pumping Plant at 2030 North Hollywood Way, Burbank, California. City of Burbank proposes to conduct well development tests of supply wells listed above, plus reservoir forebay test and system drain test, and discharge up to 5 million gallons (reservoir forebay capacity) for about 3 days in December 1993, through the storm drain system in the city to Los Angeles River, a water of the United States, above the tidal prism. The well development tests, reservoir forebay test and system drain test are required to bring the new water supply system online for the City of Burbank.

The locations of discharge sources and storm drains are:

Discharge sources

Storm drains

Reservoir forebay at 2030 North Hollywood Way	Hollywood Way
Well #6 at 3820 W. Jeffries Avenue	Jeffries Avenue
Well #10 at 1845 North Ontario Avenue	Pacific Avenue
Well #11 at 1725 North Ontario Avenue	Ontario Street
Well #12 at 3351 West Victory Blvd.	Ontario Street
Well #13 at 3421 West Jeffries Avenue	Hollywood Way
Well #14 at 3308 West Vanowen Street	Pacific Avenue
Well #17 at 3701 West Pacific Avenue	Pacific Avenue
Well #18 at 3816 West Victory Blvd.	Victory Blvd.

The discharge for each well will be once on start-up for about 15 minutes at 1,000 gpm. The discharge for the reservoir forebay may be once every 6-month or as required, up to 2.16 mgd.

City of Burbank

Contaminated well water will be treated to meet the permit limits before discharge.

We have reviewed the information provided and determined that the proposed discharge of hydrostatic test water meets the conditions specified in Order No. 91-092, "General National Pollutant Discharge Elimination System Permit and Waste Discharge Requirements for Discharge of Ground Water to Surface Waters in Los Angeles River and Santa Clara River Basins", adopted by this Board on July 22, 1991.

Enclosed are General National Pollutant Discharge Elimination System Permit and Waste Discharge Requirements consisting of:

1. General Waste Discharge Requirements with Attachment A
2. Monitoring and Reporting Program

Attachment A is applicable to your discharge. Before commencing any discharge a representative sample shall be taken at each discharge point and analyzed to determine compliance with the discharge limitations.

The "Monitoring and Reporting Program" requires you to implement the monitoring program on the effective date of this Order. Monitoring reports shall be submitted within 30 days following sampling. All monitoring reports should be sent to the Regional Board, ATTN: Technical Support Unit. Please reference all technical and monitoring reports to our compliance File No. CI-7316. We would appreciate it if you would ~~submit each type of report as a separate document.~~

We are sending Board Order No. 91-092 only to the applicant. For those on the mailing list, please refer to the Board Order previously sent to you. A copy of the Order will be furnished to anyone who requests it.

If you have any questions, please contact me at (213) 266-7615 or King K. Yu at (213) 266-7606.



JOSHUA M. WORKMAN
Senior Water Resources
Control Engineer

Enclosures

VPP PERMIT

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 7316

for

CITY OF BURBANK
(Public Service Department)
(NPDES NO. CAG994116)

The discharger shall implement this monitoring program on the first day of discharge. Monitoring reports shall be submitted within 30 days following each sampling period.

Effluent Monitoring

Before commencing any discharge, a representative sample shall be analyzed, and the test results must meet all discharge limitations of Part D and Attachments A(1).

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of analysis</u> [1]
Total waste flow	gal/day	---	once per discharge event
Temperature	°F	grab	once per discharge event
pH	units	grab	once per discharge event
Suspended solids	mg/l	grab	once per discharge event
BOD ₅ 20°C	mg/l	grab	once per discharge event
Oil and grease	mg/l	grab	once per discharge event
Turbidity	NTU	grab	once per discharge event
Settleable solids	ml/l	grab	once per discharge event
Sulfides	mg/l	grab	once per discharge event
Residual chlorine	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
Sulfate	mg/l	grab	once per discharge event

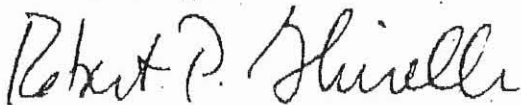
City of Burbank

CAG994116

<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of analysis [1]</u>
Nitrate-N + nitrite-N	mg/l	grab	once per discharge event
Phenols	mg/l	grab	once per discharge event
Phenolic compounds (chlorinated)	ug/l	grab	once per discharge event
Benzene	ug/l	grab	once per discharge event
Xylene	ug/l	grab	once per discharge event
Ethylbenzene	ug/l	grab	once per discharge event
Carbon Tetrachloride	ug/l	grab	once per discharge event
Tetrachloroethylene	ug/l	grab	once per discharge event
Trichloroethylene	ug/l	grab	once per discharge event
1,4-Dichlorobenzene	ug/l	grab	once per discharge event
1,1-Dichloroethane	ug/l	grab	once per discharge event
1,2-Dichloroethane	ug/l	grab	once per discharge event
1,1-Dichloroethylene	ug/l	grab	once per discharge event
Vinyl chloride	ug/l	grab	once per discharge event
Arsenic	mg/l	grab	once per discharge event
Cadmium	mg/l	grab	once per discharge event
Chromium	mg/l	grab	once per discharge event
Copper	mg/l	grab	once per discharge event
Lead	mg/l	grab	once per discharge event
Mercury	mg/l	grab	once per discharge event
Selenium	mg/l	grab	once per discharge event
Silver	mg/l	grab	once per discharge event
Zinc	mg/l	grab	once per discharge event

[1] During periods of extended discharge, no more than one analyses per week is required.

Ordered by:



ROBERT P. GHIRELLI, D.Env.
Executive Officer

Date:

9-10-93

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

ORDER NO. 91-092
NPDES NO. CAG990000

GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
AND
WASTE DISCHARGE REQUIREMENTS
FOR
DISCHARGES OF GROUND WATER TO SURFACE WATERS
IN
LOS ANGELES RIVER AND SANTA CLARA RIVER BASINS

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

1. The September 22, 1989, Memorandum of Agreement between the U.S. Environmental Protection Agency (hereinafter EPA) and the State Water Resources Control Board (hereinafter State Board) authorized and established procedures for the State to issue general National Pollutant Discharge Elimination System (NPDES) permits pursuant to 40 CFR 122.28 and 122.44.
2. 40 CFR 122.28 provides for the issuance of general permits to regulate a category of point sources if the sources: a) involve the same or substantially similar types of operations; b) discharge the same type of wastes; c) require the same type of effluent limitations or operating conditions; d) require similar monitoring; and, e) are more appropriately regulated under a general permit rather than individual permits.
3. Existing and future discharges of ground water to surface waters from construction dewatering, subterranean seepage dewatering, well development and test pumping, aquifer testing and monitoring well construction: a) result from similar operations - all involve extraction and discharge of ground water; b) are the same type of waste - all are ground water which may or may not contain pollutants; c) require similar effluent limitations for discharges to the same receiving waters; d) require similar minimum frequency of monitoring - annually; and, e) are determined to be more effectively regulated with general permits rather than individual permits. This Order therefore establishes requirements to regulate

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

discharges of ground water containing pollutants to surface waters under the jurisdiction of this Regional Board.

4. General waste discharge requirements and NPDES permits will enable the Regional Board to expedite processing of requirements, simplify the application process for dischargers, better utilize limited staff resources, and avoid the expense and time involved in repetitive public noticing, hearings, and permit adoptions.
5. The Regional Board adopted revised Water Quality Control Plans for the Santa Clara River Basin (4A) and the Los Angeles River Basin (4B) on October 22, 1990, and June 3, 1991, respectively. These plans incorporate by reference the State Water Resources Control Board's Water Quality Control Plans and policies on antidegradation, ocean water and temperature.

The basin plans contain water quality objectives and identify the beneficial uses of the surface waters (receiving waters) in the basins.

6. The beneficial uses of the receiving waters are listed in the Water Quality Control Plans. Typical beneficial uses for widely used surface waters are as follows:

Above the tidal prism - municipal and domestic supply, agricultural supply, industrial service supply, industrial process supply, groundwater recharge, contact and non-contact water recreation, warm and cold freshwater habitat, fish migration, fish spawning, and wildlife habitat;

Within and below the tidal prism - industrial service supply, navigation, contact and non-contact water recreation, ocean commercial and sport fishing, preservation of rare and endangered species, marine habitat, saline habitat, shellfish harvesting and fish spawning.

7. On April 11, 1991, State Water Resources Control Board adopted water quality control plans for inland surface waters and enclosed bays and estuaries of California. These plans contain narrative and numerical water quality objectives.
8. Section 301(b)(2) of the Clean Water Act requires that all NPDES permits prescribe the application of best available

June 20, 1991

Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

- technology economically achievable in the determination of technology-based effluent limitations.
9. Discharge criteria established under Sections 301, 302, 304, 306, 307, and 403 of the Clean Water Act as amended are applicable to discharges under this Order.
 10. The requirements contained in this Order were established by considering all the water quality control policies, plans, and regulations mentioned above and will protect and maintain the beneficial uses of the receiving waters.
 11. The issuance of general waste discharge requirements for the above described discharges 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 discharges that will be authorized under these general waste discharge requirements are not "new sources" as defined in 33 U.S.C., Section 306 and 40 C.F.R., Part 122.2.

Moreover, as an activity for protection of the environment, in accordance with Title 14, California Code of Regulation, Section 15308, the issuance of general waste discharge requirements is exempt from the provisions of Chapter 3, Division 13, Section 21100, et seq.

The Board has notified interested agencies and persons of its intent to issue general waste discharge requirements for discharges of ground water 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 tentative general discharge requirements.

This Order shall serve as a general NPDES permit pursuant to Section 402 of the Federal Clean Water Act, or amendments thereto, and shall take effect at the end of ten (10) days from the date of its adoption provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED that dischargers authorized under this Order, 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:

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

PART A. ELIGIBILITY

1. Existing and future discharges of ground water to surface waters resulting from construction dewatering, subterranean seepage dewatering, well development and test pumping, aquifer testing, monitoring well construction and similar operations.
2. When an individual NPDES permit with more specific requirements is issued to a discharger, the applicability of this general permit to the individual NPDES permittee is automatically terminated on the effective date of the individual permit.

PART B. AUTHORIZATION

To be authorized to discharge under this Order, the discharger must submit a Report of Waste Discharge and an application for a NPDES permit (hereinafter Report of Waste Discharge) in accordance with the requirements of Part C of this Order. Upon receipt of the Report of Waste Discharge, the Executive Officer shall determine the applicability of this Order to such a discharge (including an evaluation that the discharge will not result in nonattainment of the objectives set forth in the water quality control plans discussed in Finding Nos. 5 and 7). If the Executive Officer so finds, he shall notify the discharger that its discharge is authorized under the terms and conditions of this Order and prescribe the appropriate monitoring and reporting program.

For new discharges, the discharge shall not commence until receipt of the Executive Officer's written determination.

PART C. REPORT OF WASTE DISCHARGE

1. Deadline for Submission
 - a. Existing dischargers who intend to obtain coverage under this Order shall file a Report of Waste Discharge within 90 days of the effective date of this Order.
 - b. New dischargers shall file a Report of Waste Discharge at least 60 days before start of discharge.

2. Failure to Submit a Report of Waste Discharge

Dischargers who fail to file a report of waste discharge and

June 20, 1991

Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

discharge pollutants to the waters of the State are in violation of the California Water Code and the Federal Clean Water Act.

3. Alternative Method of Disposal

The Report of Waste Discharge shall be accompanied by a feasibility study of reuse of the ground water, and if reuse is not feasible, alternatives for disposal other than to surface waters.

PART D. DISCHARGE LIMITATIONS

Discharges authorized under this Order shall comply with the following discharge limitations, and additional limitations set forth in Attachment A. In the letter of determination, the Executive Officer shall indicate the discharge limitations in Attachment A applicable to the particular waste discharge.

- 1. The discharge of ground water containing constituents in excess of the following limits is prohibited:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations*</u>	
		<u>Monthly Ave.**</u>	<u>Maximum</u>
Suspended solids	mg/l	50	75
BOD ₅ 20 ^o C	mg/l	20	30
Oil and grease	mg/l	10	15
Turbidity	TU	50	75
Settleable solids	ml/l	0.1	0.2

* The discharge rate limitations in lbs per day shall be determined using the concentration limits and actual flow rate.

** The monthly average concentration shall be the arithmetic average of all the values of daily concentrations calculated using the results of analyses of all samples collected during the month. If only one sample were taken within that month, compliance would be based on the result of analyses of that sample.

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations*</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Sulfides	mg/l	-----	1.0
Phenols	mg/l	-----	1.0
Phenolic compounds (chlorinated)	ug/l	-----	1.0
Benzene	ug/l	-----	1.0
Toluene	ug/l	-----	10.0
Xylene	ug/l	-----	10.0
Ethylbenzene	ug/l	-----	10.0
Carbon Tetrachloride	ug/l	-----	0.5
Tetrachloroethylene	ug/l	-----	5.0
Trichloroethylene	ug/l	-----	5.0
1,4-Dichlorobenzene	ug/l	-----	5.0
1,1-Dichloroethane	ug/l	-----	5.0
1,2-Dichloroethane	ug/l	-----	0.5
1,1-Dichloroethylene	ug/l	-----	6.0
Vinyl Chloride	ug/l	-----	0.5
Lead	mg/l	-----	0.05
Arsenic	mg/l	-----	0.05
Chromium	mg/l	-----	0.05
Silver	mg/l	-----	0.05

* The discharge rate limitations in lbs per day shall be determined using the concentration limits and actual flow rate.

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations*</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Cadmium	mg/l	-----	0.01
Selenium	mg/l	-----	0.01
Mercury	mg/l	-----	0.002
Copper	mg/l	-----	1.0
Zinc	mg/l	-----	5.0

* The discharge rate limitations in lbs per day shall be determined using the concentration limits and actual flow rate.

2. The pH of the discharge shall at all times be within the range of 6.0 to 9.0.
3. The temperature of discharge shall not exceed 100°F.
4. The discharge or its handling shall not cause pollution or nuisance as defined in the California Water Code.
5. The discharge shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.
6. The discharge shall not contain any floating materials.
7. The discharge shall not contain visible oil nor grease and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.
8. The discharge of any radiological, chemical, or biological warfare agent or high level radiological wastes is prohibited.
9. Prior to application, the discharger shall submit to the Regional Board for approval the list of all chemicals and proprietary additives which could affect the waste discharge, including quantities, composition, and characteristics of each.

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

10. The discharge shall not increase the natural turbidity of the receiving waters at the time of discharge.
11. The discharge shall not damage, discolor, nor cause formation of sludge deposits on flood control structures or facilities.

PART E. PROVISIONS AND REQUIREMENTS

1. The Executive Officer may require any discharger authorized under this Order to apply for and obtain an individual NPDES permit with more specific requirements by notifying the discharger in writing that an individual permit application is required. This notice shall include a deadline for the discharger to file the application, and an application form.
2. Dischargers authorized under this Order shall maintain a copy of this Order at the waste disposal facility where it will be available at all times to operating personnel.
3. This Order neither exempt the discharger from compliance with any other laws, regulations, or ordinances which may be applicable, nor legalize the waste disposal facility.
4. The Regional Board and its authorized representatives shall be allowed entry to the premises to inspect and undertake any activity to determine compliance with this Order, or as otherwise authorized by the California Water Code.
5. All applications, reports, or information submitted to the Regional Board shall be signed:
 - (a) In the case of corporations, by a principal executive officer at least of the level of vice president or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which discharge originates;
 - (b) In the case of a partnership, by a general partner;
 - (c) In the case of a sole proprietorship, by the proprietor;
 - (d) In the case of municipal, state, or other public facility, by either a principal executive officer, ranking elected official, or other duly authorized employee.

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

PART F. MONITORING REQUIREMENTS

1. The Executive Officer is hereby authorized to prescribe a Monitoring and Reporting Program for each authorized discharger; applicable parameters limited in the discharge shall be monitored annually at the minimum.
2. The discharger shall retain records of all monitoring information and data used to complete the Report of Waste Discharge and application for this Order for at least three years from the date of sampling, measurement, report, or application. The retention period shall be extended during the course of any unresolved litigation regarding the discharge or when requested by the Regional Board.
3. The discharger shall maintain all sampling, measurement and analytical results, including: the date, exact place, and time of sampling or measurement; the individual(s) who performed the sampling or measurement; the date(s) analyses were performed; analysts' names; and, analytical techniques or methods used.
4. All sampling, sample preservation, and analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Order or by the Executive Officer.
5. Representative samples of the discharge shall be taken downstream of any addition to the treatment works and prior to mixing with the receiving waters.
6. All chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State of California Department of Health Services or other state agency authorized to undertake such certification.
7. The discharger shall calibrate and perform maintenance procedures on all monitoring instruments and equipment to insure accuracy of measurements, or shall insure that both activities will be conducted.
8. For parameters where both monthly average and maximum limits are specified but where the monitoring frequency is less than four times a month, the following procedure shall apply:

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

If analyses of two successive samples yield results greater than 90% of the maximum limit for a parameter, the sampling frequency for that parameter shall be increased (within one week of receiving the laboratory result on the second sample) to a minimum of once weekly until at least four consecutive weekly samples have been obtained and compliance with the monthly average limit has been demonstrated and the discharger has set forth for the approval of the Executive Officer a program which ensures future compliance with the monthly average limit.

PART G. REPORTING REQUIREMENTS

1. The discharger shall file with the Regional Board (Attention: Technical Support Unit) technical reports on self-monitoring work performed according to the Monitoring and Reporting Program specified by the Executive Officer and submit other reports as requested by the Regional Board.
2. In reporting the monitoring data, the discharger shall arrange the data in tabular form so that the date, constituents, and concentrations are readily discernable. The data shall be summarized to demonstrate compliance with waste discharge requirements.
3. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
4. Each monitoring report must affirm in writing that:
"All analyses were conducted at a laboratory certified for such analyses by _____ and in accordance with current EPA guideline procedures or as specified in this Monitoring Program."
5. Each report shall contain the following completed declaration:
"I declare under penalty of law that this document and all attachments are true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

Executed on the _____ day of _____ at _____

(Signature)

(Title)

- 6. In the event wastes, associated with the discharge under this Order, are transported to a different disposal site, the following shall be reported in the monitoring report: the type and quantity of wastes; name and address of the hauler (or method of transport if other than by hauling); and, location of the final point(s) of disposal.
- 7. In the event of any change of ownership of land or waste discharge facility presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which (if possible, signed by the new owner accepting responsibility for this Order) shall be forwarded to this Regional Board.
- 8. The discharger shall file a report of any material change or proposed change in the character, location or volume of the discharge.
- 10. The discharger shall notify this Regional Board within 24 hours by telephone of any adverse condition resulting from this discharge, such notification shall be affirmed in writing within seven calendar days.

PART H. EXPIRATION DATE AND CONTINUATION OF AN EXPIRED GENERAL PERMIT

This Order expires on July 10, 1996, however, it shall continue in force and effect until a new order is issued. Only those dischargers authorized to discharge under the expiring Order are covered by the continued Order.

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

PART I. REAUTHORIZATION

Upon reissuance of a new general permit, the discharger shall file a new Report of Waste Discharge within 45 days of the effective date of the new order and obtain a new authorization to discharge from the Executive Officer.

I, Robert P. Ghirelli, 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 July 22, 1991.



ROBERT P. GHIRELLI, D.Env.
Executive Officer

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

ATTACHMENT A

MINERAL CONSTITUENT LIMITATIONS

For the discharge to the following receiving water, the discharge of ground water with constituents which concentrations are in excess of the following are prohibited:

1. Los Angeles River and tributaries above Figueroa Street:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	950
Chloride	mg/l	----	150
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	8

2. Los Angeles River and tributaries below Figueroa Street to tidal prism (includes Rio Hondo below spreading grounds):

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,500
Chloride	mg/l	----	150
Sulfate	mg/l	----	350
NO ₃ + NO ₂ as N	mg/l	----	8

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

3. San Gabriel River and tributaries above Morris Dam as measured at Azusa Powerhouse:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	250
Chloride	mg/l	----	10
Sulfate	mg/l	----	30
NO ₃ + NO ₂ as N	mg/l	----	2
Boron	mg/l	----	0.6

4. San Gabriel River and tributaries (Firestone Blvd. to Morris Dam) and Rio Hondo and tributaries above spreading grounds:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	750
Chloride	mg/l	----	150
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	8

5. Rio Hondo and tributaries above spreading grounds:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	750
Chloride	mg/l	----	150

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	8

6. Arroyo Seco and tributaries above spreading grounds:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	300
Chloride	mg/l	----	15
Sulfate	mg/l	----	40

7. Eaton Canyon Creek and tributaries above Eaton Dam:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	250
Chloride	mg/l	----	10
Sulfate	mg/l	----	30

8. Big Tujunga Creek and Little Tujunga Creek and tributaries above Hansen Dam:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	350
Chloride	mg/l	----	20

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Sulfate	mg/l	----	50

9. Santa Anita Creek and tributaries above Santa Anita spreading grounds:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	250
Chloride	mg/l	----	10
Sulfate	mg/l	----	30

10. Pacoima Wash above Pacoima spreading grounds:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	250
Chloride	mg/l	----	10
Sulfate	mg/l	----	30

11. All other minor San Gabriel Mountain Streams:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	300
Chloride	mg/l	----	15
Sulfate	mg/l	----	40

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

12. Ventura River and tributaries above Camino Cielo Road:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	700
Chloride	mg/l	----	50
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.0

13. Ventura River and tributaries from Camino Cielo Road and Casitas Vistas Road:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	800
Chloride	mg/l	----	50
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

14. Ventura River and tributaries from Casitas Vistas Road and Oak View Street:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,000
Chloride	mg/l	----	60

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Sulfate	mg/l	----	300
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

15. Ventura River and tributaries from Oak View Street to Main Street:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,500
Chloride	mg/l	----	600
Sulfate	mg/l	----	600
NO ₃ + NO ₂ as N	mg/l	----	10
Boron	mg/l	----	1.5

16. Santa Clara River and tributaries above Lang:

<u>Constituents</u>	<u>units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	600
Chloride	mg/l	----	50
Sulfate	mg/l	----	100
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	0.5

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

17. Santa Clara River and tributaries from Lang to West Pier Highway 99:

<u>Constituents</u>	<u>units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,200
Chloride	mg/l	----	100
Sulfate	mg/l	----	450
NO ₃ + NO ₂ as N	mg/l	----	10
Boron	mg/l	----	1.5

18. Santa Clara River and tributaries from West Pier Highway 99 to Los Angeles-Ventura County Line:

<u>Constituents</u>	<u>units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,200
Chloride	mg/l	----	100
Sulfate	mg/l	----	550
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

19. Santa Clara River and tributaries from Los Angeles-Ventura County Line to A Street, Fillmore:

<u>Constituents</u>	<u>units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,300

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Chloride	mg/l	----	100
Sulfate	mg/l	----	600
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

20. Santa Clara River and tributaries from A Street, Fillmore to Saticoy Diversion Dam:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	1,300
Chloride	mg/l	----	80
Sulfate	mg/l	----	650
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

21. Santa Paula Creek and tributaries above Santa Paula Water Works Diversion Dam:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	600
Chloride	mg/l	----	45
Sulfate	mg/l	----	250
NO ₃ + NO ₂ as N	mg/l	----	5

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Boron	mg/l	----	1.0

22. Calleguas Creek and tributaries above Potrero Road:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	850
Chloride	mg/l	----	150
Sulfate	mg/l	----	250
NO ₃ + NO ₂ as N	mg/l	----	10
Boron	mg/l	----	1.0

23. Sespe Creek and tributaries 500 feet above gaging station, 500 feet downstream from Little Sespe Creek:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	800
Chloride	mg/l	----	60
Sulfate	mg/l	----	320
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.5

June 20, 1991
Revised July 5, 1991

DISCHARGES OF GROUND WATER
TO SURFACE WATERS
ORDER NO. 91-092

CAG990000

24. Piru Creek and tributaries above gaging station below
Santa Felicia Dam:

<u>Constituents</u>	<u>Units of Measurements</u>	<u>Discharge Limitations</u>	
		<u>30-Day Ave.</u>	<u>Maximum</u>
Total dissolved solids	mg/l	----	800
Chloride	mg/l	----	60
Sulfate	mg/l	----	400
NO ₃ + NO ₂ as N	mg/l	----	5
Boron	mg/l	----	1.0

June 20, 1991
Revised July 5, 1991