



# California Regional Water Quality Control Board

## Los Angeles Region



Linda S. Adams  
Cal/EPA Secretary

Recipient of the 2001 Environmental Leadership Award from Keep California Beautiful

320 W. 4th Street, Suite 200, Los Angeles, CA 90013

Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger  
Governor

November 4, 2008

Mr. Jeff Pratt  
Ventura County Watershed Protection District  
800 South Victoria Avenue  
Ventura, CA 93009

Dear Mr. Pratt

### **GENERAL WASTE DISCHARGE REQUIREMENTS (ORDER NO. 93-010) FOR SPECIFIED DISCHARGES TO GROUNDWATER – VENTURA COUNTY WATERSHED PROTECTION DISTRICT, VENTURA, CALIFORNIA (CI-9463, File No. 08-147)**

We have completed our review of your application, which includes the September 22, 2008, Report of Waste Discharge (ROWD) submitted by the Ventura County Watershed Protection District (hereafter the Discharger) for discharge of groundwater produced during the reconstruction of the rock riprap stabilizer and adjacent riprap bank revetment of an area of Arroyo Simi, which is located approximately 150 meters north of (upstream) of New Los Angeles Avenue in Moorpark (See Site Map).

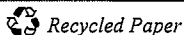
The project consists of repairing an existing damaged concrete rock rip-rap stabilizer and adjacent concrete rock rip-rap bank revetment caused by storms and subsequent undercutting. Exposure to storm flows in the upcoming rainy season would further compromise the facility, which may result in damage to a sewer main and impact the Los Angeles Avenue Bridge on Highway 118. The damaged facility also serves as a key component in flood protection for adjacent residences and business. A site inspection to view the work area was conducted by Regional Board staff on October 24, 2008 to confirm the level of repairs that are necessary for bank and rip-rap repair.

The Discharger will conduct three repairs at the site. The first repair will consist in repairing the stabilizer located across the stream bed of the Arroyo Simi. The second repair will consist of repairing the east bank revetment of the channel by the corner of the stabilizer and the east bank. The third repair will be to the west bank revetment of the channel by the corner of the stabilizer and the west bank. The three repairs involve work consisting of excavation to up to five feet below the surface stream bed of the Arroyo Simi for the foundation and toes of the rock rip-rap stabilizer and rock rip-rap banks revetment. Groundwater will be encountered at a depth of approximately three feet below the stream bed.

During the repair of the stabilizer a steel pile will be installed up to a maximum of 25 feet downstream of the existing stabilizer and across the width of the channel, one to three tons of rock rip-rap will be placed in the excavated area, and fabric and crushed rock will be placed beneath the rock riprap only in the upstream excavation area. The stream bed excavation will be up to four feet deep between the existing stabilizer and the new sheet pile. Concrete slurry

### *California Environmental Protection Agency*

\*\*\* The energy challenge facing California is real. Every California needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrdb.ca.gov/news/echalleng.html>\*\*\*



*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

will be placed in the void beneath the existing stabilizer to support this structure. Other activities at the site will include the removal and replacement of existing damaged concrete rock rip-rap bank revetment from a 60 ft x 20 ft area on the west bank and a 20 ft x 20 ft area on the east bank of the Arroyo Simi, with the riprap toe extending five feet below streambed elevation on both sides.

Prior to placement of concrete slurry beneath the stabilizer, a groundwater well point will be installed directly downstream of the immediate work areas. Groundwater level will be drawn down a minimum of five feet below the affected area. The lowered groundwater levels will be maintained throughout the course of work, including rip-rap grouting and concrete slurry placement, to prevent contact with all water.

The Discharger will temporarily divert stream flows to the opposite side of the stream to create a dry work area in the stream bed. The well points will be approximately six feet deep. A gravel filter will be placed at the well points and the pump intake will be covered with a filter bag. Dewatering will occur before and during the excavation. Groundwater will be discharged into two infiltration ponds which will be constructed at the dry work areas. One pond will be used to discharge the groundwater from the reconstruction of a half of the rip-rap stabilizer and rip-rap bank revetment. Then, the stream will be diverted again to the repaired other side of the Arroyo Simi, and a second pond will be constructed at the dry work area and used for discharge of groundwater from the reconstruction of the second half of stabilizer and bank revetment. Also, water from the ponds will be pumped to a water truck and use for dust control on two roads running along both sides the Arroyo Simi in the area of constructions. The total length of the roads that will be used for dust control is of approximately 2,100 feet. A splash pad and/or a desilting bag will be placed at the groundwater discharge point to the percolation pond. The ponds will has dimensions of 20 ft X 40 ft X 3 ft. The three feet in depth will be achieved by excavating one foot deep and constructing a two foot high berm. The maximum daily discharge is estimated to be 30,000 gallons per day. The work of reconstruction would occur within an area of approximately 0.76 acre and would be completed within a two month period.

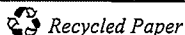
The Water Quality Control Plan, Los Angeles Region, has established groundwater quality objectives for East of Grimes Canyon Road and Hitch Boulevard Sub Basin of the Las Posas Valley Basin. The water quality objectives are 2,500 milligram per liter (mg/L) for total dissolved solids (TDS), 1,200 mg/L for sulfate, 400 mg/L for chloride, and 3.0 mg/L for boron. Groundwater samples collected on July 31, 2008, indicated that the total TDS is 1,410 mg/L, sulfate 560 mg/L, chloride 210 mg/L, boron 1.6 mg/L, and nitrate 1.9 mg/L.

Therefore, based in the information provided and information gathered during the site inspection on October 24, 2008, Regional Board Executive Officer has determined that the proposed discharge meets the conditions specified in Order No. 93-010, "General Waste Discharge Requirements for Specified Discharges to Groundwater in Santa Clara River and Los Angeles River Basins" adopted by this Board on January 25, 1993.

Enclosed are your Waste Discharge Requirements consisting of Regional Board Order No. 93-010, and Monitoring and Reporting program No. CI-9463. The Monitoring and Reporting

***California Environmental Protection Agency***

\*\*\* The energy challenge facing California is real. Every California needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrdb.ca.gov/news/echalleng.html>\*\*\*



*Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.*

Mr. Jeff Pratt  
Ventura County Watershed Protection District

- 3 -

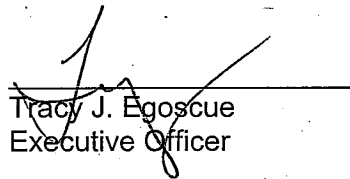
November 4, 2008  
CI-9463

Program requires you to implement the monitoring program on the effective date of this Order. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. When submitting monitoring and technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-9463", which will assure that the reports are directed to the appropriate file and staff. Do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending Board Order No. 93-010 only to the applicant. A copy of the Order will be furnished to anyone who requests it.

If you have any questions regarding this matter, please contact Project Manager, Mr. Orlando H. Gonzalez at (213) 620-2267 or Unit Chief, Dr. Rebecca Chou at (213) 620-6156.

Sincerely,

  
Tracy J. Egoscue  
Executive Officer

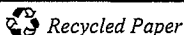
Enclosures:

1. General WDR Board Order No. 93-010
2. Monitoring and Reporting Program No. CI-9463
3. Priority Pollutants list

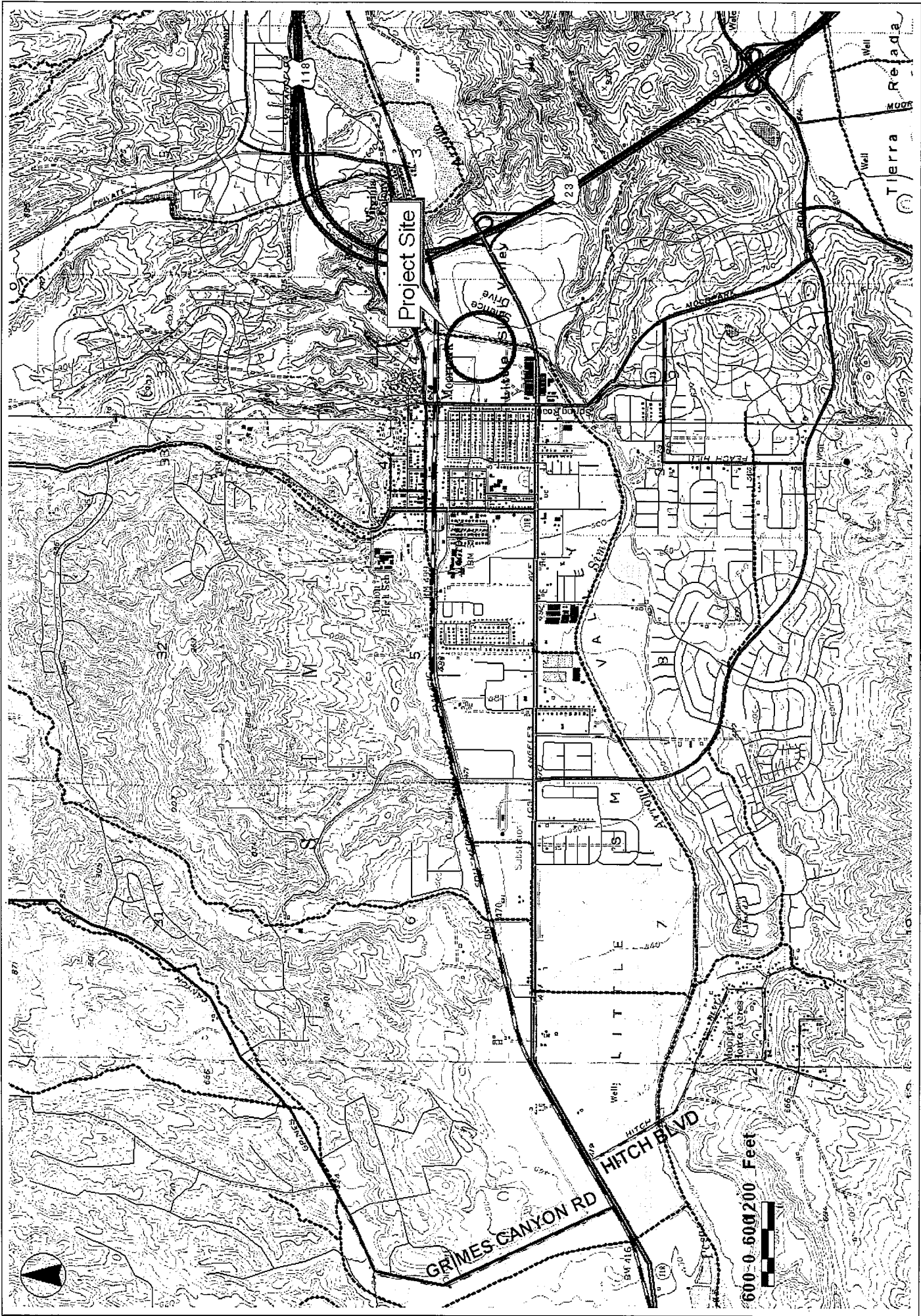
cc: Mr. Kurt Souza, Cal. DHS, Region 5 - So Cal. Branch, Drinking Water Field Operation  
Mr. Jeffrey L. Stone, Cal. DPH, Division of Drinking Water and Environmental Management, Recycled Water Unit  
Mr. Ronald C. Coons, Director, Ventura County Public Works Agency  
Mr. James Evans, Ventura County Environmental Health Division, Liquid Waste  
Ms. Melinda Talent, Ventura County Environmental Health Division, Land Use Unit  
Mr. Keith Duval, Ventura County Air Pollution Control District  
Ms. Angela Bonfiglio Allen, Ventura County Watershed Protection District

***California Environmental Protection Agency***

\*\*\* The energy challenge facing California is real. Every California needs to take immediate action to reduce energy consumption\*\*\*  
\*\*\*For a list of simple ways to reduce demand and cut your energy costs, see the tips at: <http://www.swrdb.ca.gov/news/echalleng.html>\*\*\*



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.



Sources: USGS 7.5-Minute Quadrangles, Moorpark and Simi

# Arroyo Simi West Bank Upstream of Los Angeles Avenue Repair Project Site Map

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

ORDER NO. 93-010

GENERAL WASTE DISCHARGE REQUIREMENTS  
FOR SPECIFIED DISCHARGES TO GROUNDWATER  
IN  
SANTA CLARA RIVER AND LOS ANGELES RIVER BASINS  
File No. 92-60

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

1. The California Water Code, Section 13260 of Chapter 4, Article 4, requires that any person discharging wastes, or proposing to discharge wastes, which could affect the quality of the waters of the State, shall file a Report of Waste Discharge with the Regional Board. The Regional Board will then prescribe requirements as to the nature of the proposed or existing discharge.
2. A number of activities carried on within the Region result in the discharge of water that, because of its characteristics, results in little or no pollution when discharged to groundwater. Examples of these activities include:
  - a) hydrostatic testing of tanks, pipes, and storage vessels;
  - b) construction dewatering;
  - c) dust control application;
  - d) water irrigation storage systems;
  - e) subterranean seepage dewatering;
  - f) well development and test pumping;
  - g) aquifer testing; and
  - h) monitoring well construction.

The following discharges are specifically excluded from this list: water produced from seawater extraction or wastewater treatment, reclaimed water, and water to be injected directly into an aquifer.

3. The water discharged from these activities results in discharges of relatively "clean" wastewater, containing few pollutants. For the purposes of this Order, "wastewater" is defined as high quality wastewater, produced as a result of the above-listed specified activities, and other similar activities. It is of a quality acceptable for use under State Department of Health Services standards and the Regional Board's Water Quality Control Plan.
4. These discharges occur in a manner where they will likely, through recharge or percolation, enter the groundwater and may therefore, be considered a waste discharge which could affect the quality of the waters of the State, and for which a Report of Waste Discharge must be filed under Water Code Section 13260.

January 6, 1993

5. Each month, this Regional Board receives a large number of requests to discharge water from the activities listed in Finding 2 above, and for other similar activities. For each such request, staff must determine the absence or presence of significant pollutants in the discharge, the regulatory limits for the pollutants, and the potential impact of the discharge on the waters of the State, and then prepare individual Waste Discharge Requirements.
6. It is anticipated that the large number of such requests will continue to be filed, and far exceed the capacity of staff to review applications and prepare individual Waste Discharge Requirements to bring to the Board for consideration, in a timely manner. These circumstances create the need for an expedited system for processing the numerous requests for discharge to groundwater.
7. The adoption of General Waste Discharge Requirements will:
  - a) simplify the application process for the Discharger,
  - b) expedite the issuance of Waste Discharge Requirements and decrease the regulatory burden on the regulated community,
  - c) free up Board staff for higher priority work, and
  - d) reduce the Board's time involved by enabling the Executive Officer to notify the Discharger, in appropriate cases, of the applicability of these general requirements adopted by the Regional Board.

These General Waste Discharge Requirements would benefit the public, the Board, and Board staff by accelerating the review process without loss of regulatory jurisdiction or oversight.

8. The beneficial uses of groundwater in the Los Angeles River and Santa Clara River Basins may include municipal and domestic supply, agricultural supply, industrial service and process supply, and freshwater replenishment.
9. The Board adopted revised Water Quality Control Plans for the Santa Clara River Basin and Los Angeles River Basin on October 22, 1990, and June 3, 1991, respectively. These Water Quality Control Plans contain water quality objectives for groundwater within the Basins. The requirements contained in this Order, as they are met, will be in conformance with the goals of these Water Quality Control Plans.
10. The State Water Resources Control Board adopted Resolution 68-16, "Statement of Policy With Respect to Maintaining High Quality of Waters in California", on October 28, 1968. This Policy states that wherever the existing quality of water is better than the quality established as objectives or adopted policies, such existing quality shall be maintained.

11. The issuance of General Waste Discharge Requirements for the discharges subject to these general requirements is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code pursuant to one or more of the following:
- a) The lead agency has prepared an Environmental Impact Report or a negative declaration based on findings pursuant to California Code of Regulations (CCR), Title 14, Chapter 3, Section 15070, which show that there will be no significant impact on water quality.
  - b) The replacement or reconstruction of existing structures will have substantially the same purpose and capacity as the structure replaced as defined in CCR, Title 14, Section 15302.
  - c) The construction of new structures or the conversion of existing small structures will have only minor modifications in the exterior of the structure as defined in CCR, Title 14, Section 15303.
  - d) The activity will cause only minor alterations to land as defined in CCR, Title 14, Section 15304.
  - e) Minor alterations in land use will not result in any changes in land use or density as defined in CCR, Title 14, Section 15305.
12. These General Waste Discharge Requirements are not intended to alter or supersede existing restrictions or conditions imposed by other government agencies.

The Board has notified interested agencies and concerned persons of its intent to adopt General Waste Discharge Requirements for specified discharges to groundwater, and has provided them with an opportunity to submit their written views and recommendations.

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

IT IS HEREBY ORDERED that the Dischargers authorized under this order shall comply with the following:

**A. ELIGIBILITY**

1. The General Waste Discharge Requirements, contained in this Order, will regulate discharges to groundwater from: hydrostatic testing of tanks, pipes and storage vessels; construction dewatering; dust control application; water irrigation storage systems; subterranean seepage dewatering; well development and test pumping; aquifer testing; monitoring well construction; and other similar discharges, in accordance with the California Code of Regulations.

To qualify for coverage under this Order, the Discharger may be required to:

- a) submit specific hydrogeological site studies summarizing the following: regional and local hydrogeology, a site plan designating structures and operations, descriptions and details of representative water supply and monitoring wells, and water conveyance systems, soil engineering analyses of representative earth materials including site lithology, permeability, infiltration data, and any potential adverse impacts on groundwater.
  - b) demonstrate that the discharge meets the criteria set forth herein, and that specified discharges to groundwater will not adversely impact the overall quality of the regional and local groundwater basin(s), and is in accordance with the appropriate Basin Plan Water Quality Objectives, State Department of Health Services (DHS) Primary and Secondary Drinking Water Standards, and all water quality standards associated with Priority Pollutants.
  - c) demonstrate that disinfectants, if used, will not adversely impact water quality in the groundwater basin(s).
2. The discharge must not adversely impact the overall quality of the regional and local groundwater basins, must not adversely affect beneficial uses, and must have water quality characteristics in accordance with Basin Plan Water Quality Objectives, State Department of Health Services' (DHS) Primary and Secondary Drinking Water Standards, and all water quality standards associated with Priority Pollutants.

#### B. APPLICABILITY

1. This Order will serve as General Waste Discharge Requirements for specified discharges to groundwater.
2. Upon receipt of the Report of Waste Discharge describing such discharge, the Executive Officer shall determine, as applicable, if such discharge,



- a) involves wastewater at limits lower than, or equal to, the acceptable levels of the Basin Plan Water Quality Objectives, the State DHS Primary and Secondary Drinking Water Standards, and all water quality standards associated with Priority Pollutants,
  - b) will be completed within a time frame stated by the Discharger and approved by the Executive Officer,
  - c) has been adequately characterized by hydrogeologic assessment,
  - d) is not a threat to water quality,
  - e) does not cause the degradation of groundwater, and
  - f) does not threaten or impair any designated beneficial uses of such waters.
3. In the event the Executive Officer so finds, he shall notify the Discharger, in writing, that the proposed wastewater discharge to groundwater is subject to this Order. Appropriate cases may also be brought to the Board for adoption of individual requirements when the Executive Officer deems it desirable or necessary.
4. Should individual Waste Discharge Requirements with more specific requirements be issued to a Discharger, the applicability of these general requirements to the individual will be automatically terminated on the effective date of the individual Waste Discharge Requirements.

**C. REPORT OF WASTE DISCHARGE**

**1. Deadline for Submission**

All Dischargers shall file a Report of Waste Discharge at least 120 days before start of the discharge. The Executive Officer will determine the applicability of General Waste Discharge Requirements.

**2. Failure to Submit a Report of Waste Discharge**

Dischargers who fail to file a Report of Waste Discharge under Section 13260 of the California Water Code are guilty of a misdemeanor and may be liable civilly in accordance with Section 13261(b) of the California Water Code.

D. PROHIBITION

1. Discharge of wastewater is prohibited, except as specified in the Report of Waste Discharge.

E. WASTE DISCHARGE REQUIREMENTS

IT IS HEREBY ORDERED that the Discharger shall comply with the following:

1. Only those types of discharges specifically listed in the Report of Waste Discharge are authorized to be discharged by the General Waste Discharge Requirements.
2. Wastewater shall be analyzed, prior to discharge, to determine if it contains constituents in excess of the appropriate Basin Plan Water Quality Objectives, as listed in Tables 1 and 2 of Attachment "A".

Hydrologic and groundwater basin boundaries are included in Figures 1 and 2 of Attachment "A".

3. Wastewater shall be analyzed, prior to discharge, to determine that it does not contain constituents in excess of the Maximum Contaminant Levels (MCL) as listed in the State DHS Primary and Secondary Drinking Water Standards in Attachment "B".
4. Wastewater shall be analyzed, prior to discharge, to determine the concentrations of the chemical constituents listed in the Priority Pollutants exhibited in Attachment "B".
5. Wastewater which contains any constituent in excess of the MCL's, the Drinking Water Standards, or the Priority Pollutant standards, listed herein, shall not be discharged to groundwater.
6. Wastewater discharged to groundwater shall maintain the existing water quality, even if that existing water quality exceeds established objectives. A determination shall be made by the Executive Officer as to the applicability of water quality standards with regard to the "Statement of Policy With Respect to Maintaining High Quality of Waters in California", with each discharge, on a site-specific basis.
7. Neither the treatment nor discharge of wastewater shall cause a condition of pollution or nuisance.

8. The pH of wastewater discharged to groundwater, under this Order, shall at all times be within the range of 6.0 and 9.0 pH units.
9. Wastewater to be discharged to groundwater, under this Order, shall be retained on the areas of use, and shall not be allowed to escape as surface flow, except as provided in a National Pollutant Discharge Elimination System (NPDES) permit uniquely applicable to the specified discharge. For the purpose of this requirement, however, minor amounts of irrigation return water from peripheral areas shall not be considered a violation of this Order.
10. Wastewater discharged to groundwater shall be discharged at the site in accordance with these requirements, and only on property owned or controlled by the Discharger.
11. Wastewater which does not meet each of the foregoing requirements shall be held in impervious containers, and if transferred elsewhere, the final discharge shall be at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of these requirements, a legal point of disposal is defined as one for which Waste Discharge Requirements have been established by a California Regional Water Quality Control Board, and which is in full compliance therewith.
12. Wastewater discharged to groundwater shall not contain any substance in concentrations toxic to human, animal, plant, or aquatic life.
13. Wastewater discharged to groundwater shall not impart tastes, odors, color, foaming, or other objectionable characteristics to the receiving groundwater.
14. Neither disposal nor handling of wastes shall cause a condition of pollution or nuisance or problems due to breeding of mosquitos, gnats, midges, flies or other pests.
15. The temperature of discharged wastewater shall not exceed 100°F.

**F. PROVISIONS**

1. A copy of this Order shall be maintained at the discharge facility and shall be available at all times to operating personnel.

2. In the event the Discharger is unable to comply with any of the conditions of this Order due to:
  - (a) Breakdown of equipment,
  - (b) Accidents caused by human error or negligence,
  - (c) Other causes such as acts of nature,
  - (d) Facility operations,the Discharger must notify this Board, by telephone, within 24 hours of the incident, and confirm it in writing within one week of the telephone notification.
3. In accordance with Section 13260(c) of the California Water Code, the Discharger shall file a report with this Regional Board of any material change or proposed change in the character, location and/or volume of the discharge.
4. In accordance with Section 13267(b) of the California Water Code, the Discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer.
5. The Regional Board and other authorized representatives shall be allowed:
  - (a) Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Order;
  - (b) Access to copy any records that are kept under the conditions of this Order;
  - (c) To inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
  - (d) To photograph, sample, and monitor for the purpose of assuring compliance with this Order, or as otherwise authorized by the California Water Code.
6. In accordance with Section 13263(e) of the California Water Code, these Waste Discharge Requirements are subject to periodic review and revision by this Regional Board.
7. These requirements, prescribed herein, do not authorize the commission of any act, by the Discharger, which causes injury to the property of another, do not protect the Discharger from his/her liabilities under Federal, State, or local laws, and do not guarantee the Discharger a capacity right in the receiving groundwater.

8. If hazardous or toxic materials or hydrocarbons are stored at the facility and the facility is not monitored at all times, a 24-hour emergency response telephone number shall be prominently posted where it can be easily discerned.

**G. MONITORING REQUIREMENTS**

1. The Executive Officer may prescribe a Monitoring and Reporting Program for each authorized Discharger; applicable parameters limited in the discharge shall be monitored as specified by the Executive Officer in the Monitoring and Reporting Program.
2. The Discharger shall retain records of all monitoring information and data used to complete the Report of Waste Discharge 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. Representative samples of the discharge shall be taken prior to discharging to the groundwater.
5. All chemical and bacteriological analyses shall be conducted at a laboratory certified for such analyses by the State of California Department of Health Services. The laboratory performing the analyses must follow all applicable QA/QC protocols.
6. 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.

**H. 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.

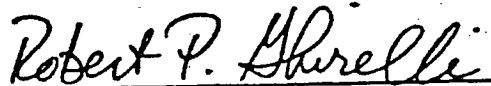
2. In reporting the monitoring data, the Discharger shall arrange the data in tabular forms such that the date, constituents, and concentrations are readily discernable. The data shall be summarized to demonstrate compliance with Waste Discharge Requirements.
3. All records and reports submitted to the Regional Board are public documents and will be made available for inspection by the public during normal business hours at the Regional Board office located at 101 Centre Plaza Drive in Monterey Park.
4. 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.
5. Each monitoring report must affirm in writing that:  
"All analyses were conducted at a laboratory certified for such analyses by the State of California Department of Health Services, and in accordance with current EPA guideline procedures or as specified in this Monitoring Program."
6. Each report shall contain the following completed declaration:  
"I declare under penalty of law that I have personally examined, and am familiar with, the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. [CWC Sections 13263, 13267, and 13268]"
7. In the event that wastes, associated with the discharge under this Order, are transported to a different disposal site, the following shall be reported in the monitoring report: type and quantity of wastes; name and address of hauler (or method of transport if other than by hauling); and, location of the final point(s) of disposal.
8. In the event of any changes of subject land ownership or subject waste discharge facility currently owned or controlled by the Discharger, the Discharger shall notify the succeeding owner or operator of the existence of this Order in writing. A copy of the document shall be signed by the new owner accepting responsibility for this Order and shall be forwarded to this Regional Board.

9. The Discharger shall notify this Regional Board, within 24 hours, by telephone, of any adverse condition resulting from this discharge, and such notification shall be affirmed in writing within seven calendar days.

I. EXPIRATION DATE AND CONTINUATION OF EXPIRED GENERAL WASTE DISCHARGE REQUIREMENTS

It is the Board's intent to review this Order within five (5) years of its adoption.

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 January 25, 1993.



ROBERT P. GHIRELLI, D.Env.  
Executive Officer

Attachment "A"

Groundwater Water Quality Objectives  
Santa Clara River (4A)  
Los Angeles River (4B)

Hydrologic Boundaries, CRWQCB-LA  
Fig 1, Principal Surface Waters  
Fig 2, Principal Ground Waters



Water Quality Objectives for Ground Waters Santa Clara River Basin (4A)				
Area	Objective in mg/L			
	TDS	Sulfate	Chloride	Boron
	None Specified (n/s)			
<u>Rincon Creek Hydrologic Unit</u>				
<u>Ventura River Hydrologic Unit</u>				
Ojai Hydrologic Area (HA)				
Upper Ojai Hydrologic Subarea (HSA)	1,000	300	200	1.0
West of Sulphur Mtn Rd	700	50	100	1.0
East of Sulphur Mtn Rd				
Ojai HSA <sup>b</sup>				
West of San Antonio-Senior Cyn Creek	1,000	300	200	0.5
East of San Antonio-Senior Cyn Creek	700	200	50	0.5
Upper Ventura River HA	1,000	300	100	1.0
San Antonio Creek Area	800	300	100	0.5
Remainder of ground water basin				
Lower Ventura River HA <sup>c</sup>				None Specified
<u>Santa Clara-Calleguas Hydrologic Unit</u>				
Upper Santa Clara HA	600	150	100	1.0
Acton HSA				
Eastern HSA	800	150	150	1.0
Above Bouquet Cyn <sup>d</sup>	900	300	150	1.0
Above Castaic Creek to Bouquet Cyn <sup>e</sup>	1,300	800	100	0.5
South Fork of Santa Clara River Area	700	150	100	0.5
Placerita Cyn Area	1,500	700	150	1.0
Castaic Creek to Blue Cut <sup>f</sup>	400	50	30	0.5
Bouquet HSA	700	150	100	0.5
Mint Cyn HSA	600	100	100	0.5
Sierra Pelona HSA				
Piru HA				
Santa Felicia HSA (Piru Subarea)	2,500	1,200	200	1.5
East of Piru Creek <sup>g</sup>	1,200	600	100	1.5
West of Piru Creek <sup>h</sup>	1,100	400	200	2.0
Upper Piru HSA	500	150	50	1.0
Hungry Valley HSA	1,000	300	20	2.0
Stauffer HSA				
Sespe HA				
Fillmore HSA	2,000	800	100	1.0
Pole Creek Fan underlying				
City of Fillmore	1,500	800	100	1.1
South Side of Santa Clara River	1,000	400	50	0.7
Remainder of ground water basin	900	350	30	2.0
Topa Topa HSA (Sespe Subarea)				
Santa Paula HA				
Santa Paula HSA	1,200	600	100	1.0
East of Peck Rd	2,000	800	110	1.0
West of Peck Rd	700	250	100	0.5
Sisar HSA				
Oxnard Plain HA				
Oxnard HSA	1,200	600	150	1.5
Oxnard Forebay	1,200	600	150	1.5
Deep aquifers underlying				
pressure area	3,000	1,000	500	n/s
Semiperched aquifer <sup>i</sup>				

<u>Water Quality Objectives for Ground Waters</u>				
<u>Santa Clara River Basin (4A)</u>				
<u>Area</u>	<u>Objective in mg/L</u>			
	<u>TDS</u>	<u>Sulfate</u>	<u>Chloride</u>	<u>Boron</u>
Oxnard Plain HA (continued from previous page)				
Pleasant Valley HSA	1,200	600	150	1.0
Fox Cyn Aquifer	1,200	600	150	1.0
Grimes Cyn Aquifer				
Upper Aquifer <sup>l</sup>	None Specified			
Calleguas-Conejo HA				
West Las Posas HSA	900	350	150	1.0
East Las Posas HSA <sup>k</sup>				
NW of Grimes Cyn Rd, L.A. Avenue and Somis Rd	700	300	100	0.5
East of Grimes Cyn Rd and Hitch Blvd	2,500	1,200	400	3.0
South of L.A. Ave between Somis Rd and Hitch Blvd	1,500	700	250	1.0
Isolated basin near Grimes Cyn Rd and Broadway Rd	250	30	30	0.2
Arroyo Santa Rosa HSA	900	300	150	1.0
Conejo Valley HSA	800	250	150	1.0
Tierra Rejada Valley HSA	700	250	100	0.5
Gillibrand HSA	900	350	50	1.0
Simi Valley HSA				
Deep aquifers	1,200	600	150	1.0
Shallow aquifer <sup>l</sup>	None Specified			
Thousand Oaks HSA	1,400	700	150	1.0

.....Endnotes

- a. Upper aquifers are of very poor quality and not used for domestic, agricultural, or industrial water supply in any significant quantity. Water quality in shallow aquifers shall be maintained at existing levels in accordance with "Resolution 68-16". This is to be accomplished on case-by-case basis as part of the requirements imposed upon dischargers to the shallow aquifers.
- b. Excludes aquifer in Souquet Canyon and tributaries.
- c. Shallow alluvial aquifer is of very poor quality and not used. Water quality in shallow aquifer shall be maintained at existing levels in accordance with "Resolution 68-16". This is to be accomplished on a case-by-case basis as part of the requirements imposed upon dischargers to the shallow aquifer.
- d. See endnote b.
- e. Includes aquifer in Souquet Canyon and tributaries but excludes aquifer in Castaic Creek and the South Fork of Santa Clara River and tributaries.
- f. Includes aquifer in Castaic Creek and tributaries.
- g. Includes aquifer in Piru Creek and tributaries.
- h. Excludes aquifer in Piru Creek and tributaries.
- i. Semiperched aquifer is generally of poor quality, but locally may be used for agricultural and domestic purposes in northwestern parts of the Oxnard Plain. Where shallow well or drainage ditch waters clearly exceed these objectives, requirements should be set on a case-by-case basis according to "Resolution 68-16".
- j. See endnote a.
- k. Some isolated wells along Los Angeles Avenue in the Arroyo Las Posas flood plain have higher mineral levels. Requirements for these areas should be set on a case-by-case basis according to "Resolution 68-16".
- l. See endnote a.

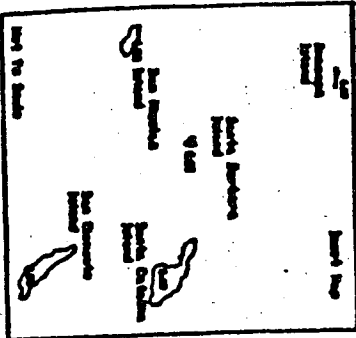
Water Quality Objectives for Ground Waters Los Angeles River Basin (4B)				
Area	Objective in mg/L			
	TDS	Sulfate	Chloride	Boro
<b>Malibu Hydrologic Unit</b>				
Topanga Hydrologic Area (HA)	2,000	500	500	2.0
Malibu Creek Hydrologic Subarea (HSA)	2,000	500	500	2.0
Las Virgenes HSA	2,000	500	500	2.0
Lindero Canyon HSA	2,000	500	500	2.0
Triunfo Canyon HSA	2,000	500	500	2.0
Russell Valley HSA	1,500	500	250	1.0
Sherwood HSA	1,000	250	250	1.0
Point Dume HA	1,000	250	250	1.0
Camarillo HA	1,000	250	250	1.0
<b>Los Angeles-San Gabriel River Hydrologic Unit</b>				
Coastal Plain HA				
West Coast Basin	800	250	250	1.5
Santa Monica Basin	1,000	250	250	0.5
Hollywood Basin	750	100	100	1.0
Central Basin	700	250	250	1.0
San Fernando HA				
Sylmar Basin	600	150	100	0.5
Eagle Rock Basin	800	150	100	0.5
Verdugo Basin	600	150	100	0.5
San Fernando Basin-Overall	800	300	100	1.5
Narrows Area <sup>a</sup>	900	300	150	1.5
Foothill Wells Area <sup>b</sup>	400	100	50	1.0
Headworks Area <sup>c</sup>	700	300	100	1.5
North Hollywood-Burbank Area <sup>d</sup>	600	250	100	1.5
Raymond HA				
Monk Hill HSA	450	100	100	0.5
Pasadena HSA	450	100	100	0.5
Santa Anita HSA	450	100	100	0.5
San Gabriel Valley HA				
Puente Basin <sup>e</sup>	1,000	300	150	1.0
Main San Gabriel Basin-Overall	550	150	100	1.0
Westerly Portion <sup>f</sup>	450	100	100	0.5
Easterly Portion <sup>g</sup>	600	100	100	0.5
Spadra Hydro HA				
Spadra HSA	550	200	120	1.0
Pomona HSA	300	100	50	0.5
Live Oak HSA	450	150	100	0.5
Anaheim HA	1,000	250	250	1.0
<b>San Pedro Channel Island Hydrologic Unit</b>				
Santa Catalina HA	1,000	250	250	1.0
San Clemente Island HA		no significant sources		
Santa Barbara Island HA		no significant sources		
<b>Santa Ana River Hydrologic Unit</b>				
Middle Santa Ana River HA	220	50	50	0.5

## .....Endnotes

- a. Narrows Area is defined as that area of the San Fernando Basin adjacent to the Los Angeles River lying east of Verdugo Wash.
- b. Foothill Wells is the main extraction area in the Sunland-Tujunga Area.
- c. Headworks Area is that area lying adjacent to the Los Angeles River upstream of the confluence with Verdugo Wash encompassing in general the City of Los Angeles' Headworks, Crystal Springs, and Verdugo wells and the City of Glendale's wells among others.
- d. The North Hollywood-Burbank Area refers to the principal extraction area which includes the City of Burbank's wells, and the City of Los Angeles, North Hollywood, Erwin, and Whitnall wells among others.
- e. The Puente Basin lies adjacent to San Jose Creek upstream of the Puente Narrows. The Puente Basin and the Puente Narrows are described in the Judgment of the Upper San Gabriel Valley Municipal Water District versus City of Alhambra et al No.924128.
- f. The westerly portion of the Main San Gabriel Basin which lies west of Walnut Creek, Big Dalton Wash, and Little Dalton Wash.
- g. The easterly portion of the Main San Gabriel Basin which lies east of Walnut Creek, Big Dalton Wash, and Little Dalton Wash but does not include the Puente Basin.

**REGION 4 INDEX**

100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

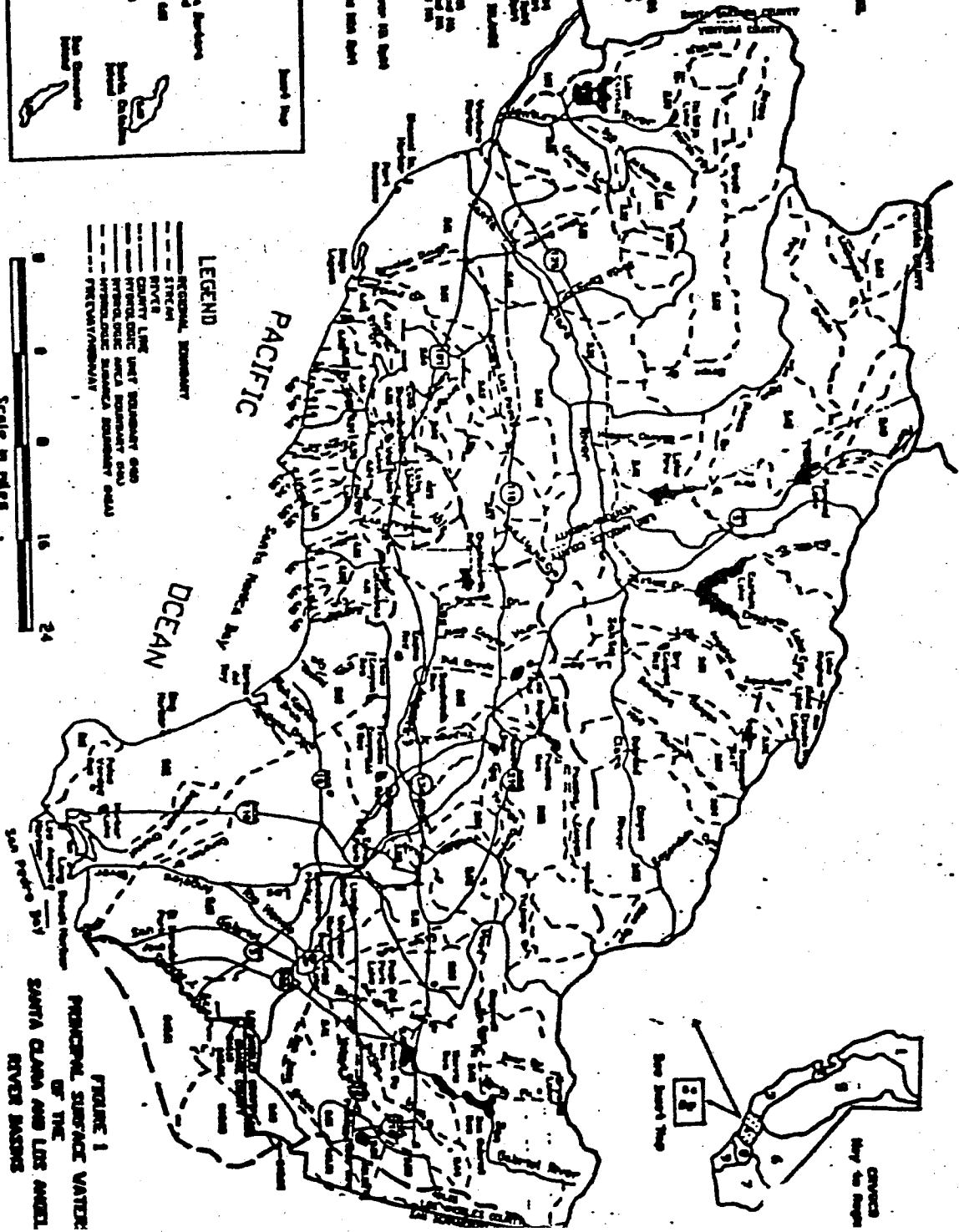


201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

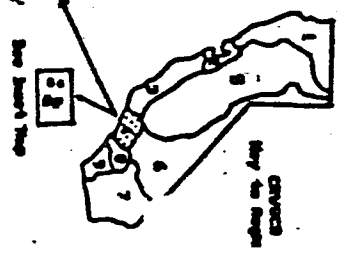
**LEGEND**

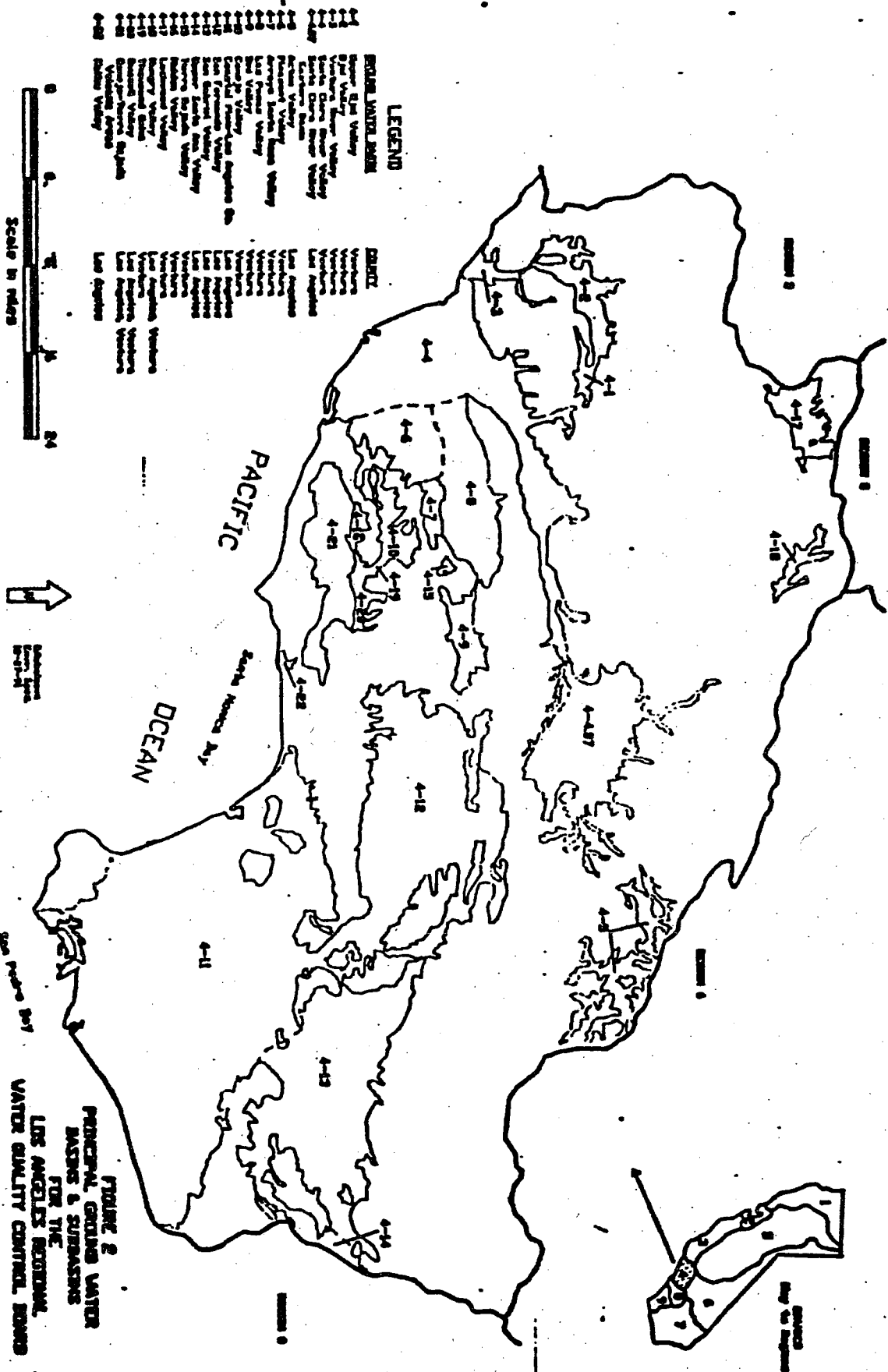
- REGIONAL BOUNDARY
- STATE
- COUNTY LINE
- HYDROLOGIC UNIT BOUNDARY (S)
- HYDROLOGIC AREA BOUNDARY (A)
- HYDROLOGIC SUBAREA BOUNDARY (S/A)
- (UNLabeled boundary type)

Scale in Miles: 0, 8, 16, 24



**FIGURE 1**  
PRINCIPAL SURFACE WATER  
OF THE  
SANTA CLARA AND LOS ANGELES  
RIVER BASINS





**FIGURE 2**  
**PRINCIPAL GROUND WATER**  
**BASINS & SUBBASINS**  
**FOR THE**  
**LOS ANGELES REGIONAL**  
**WATER QUALITY CONTROL BOARD**

Attachment "B"

State Department of Health Services  
Primary Drinking Water Standards  
Secondary Drinking Water Standards  
Priority Pollutants





Attachment "B": Drinking Water Standards and Priority Pollutants

State DHS Primary Drinking Water Standards, Maximum Contaminant Level (MCL)		
MCL	Constituent	MCL
<b>Inorganic/physical constituents, MCL units of milligrams/liter (mg/L)</b>		
1.0	Aluminum (Al)	0.05
1.0	Barium (Ba)	0.01
0.05	Chromium, total (Cr)	2.4
2.2	Fluoride (F) temp 53.8-58.3 °F	2.0
1.8	Fluoride (F) temp 63.9-70.6 °F	1.6
1.4	Fluoride (F) temp 79.3-90.5 °F	0.05
0.002	Mercury (Hg)	45.0
0.01	Selenium (Se)	0.05
<b>Radio Chemistry, MCL units of pico Curies per liter (pCi/L)</b>		
15 (pCi/L)	Gross Alpha (α)	50 (pCi/L)
5 (pCi/L)	Combined Radium 226+228 (Ra <sup>226,228</sup> )	8 (pCi/L)
	Gross Beta (β)	
	Strontium-90 (Sr <sup>90</sup> )	

State DHS Secondary Drinking Water Standards		
MCL (units)	Constituent	MCL (units)
250 mg/L	Chloride (Cl)	15 units
900 µmhos	Conductivity	1.0 mg/L
0.5 units	Foaming agent (MBAS)	0.3 mg/L
0.05 mg/L	Manganese (Mn)	250 mg/L
500 mg/L	Total dissolved solids (TDS)	5 units
5.0 mg/L	Zinc (Zn)	
		Color
		Copper (Cu)
		Iron (Fe)
		Sulfate (SO <sub>4</sub> )
		Turbidity

Priority Pollutants: Acid Extractables	
2,4,Trichlorophenol	P-Chloro-M-Cresol
2,4-Dichlorophenol	2,4-Dimethylphenol
4-Nitrophenol	2,4-Dinitrophenol
Pentachlorophenol	Phenol
Priority Pollutants: Base/Neutral Extractables	
Acenaphthene	Benzidine
Hexachlorobenzene	Hexachloroethane
2-Chloronaphthalene	1,2-Dichlorobenzene
1,4-Dichlorobenzene	3,3'-Dichlorobenzidine
2,6-Dinitrotoluene	1,2-Diphenylhydrazine
4-Chlorophenyl phenyl ether	4-Bromophenyl phenyl ether
Bis (2-Chloroethoxy) methane	Hexachlorobutadiene
Isophorone	Naphthalene
N-Nitrosodimethylamine	N-Nitrosodi-n-propylamine
Bis (2-Ethylhexyl) phthalate	Butyl benzyl phthalate
Di-N-Octyl phthalate	Diethyl phthalate
Benzo (A) Anthracene	Benzo (A) pyrene
Benzo (K) Fluoranthene	Chrysene
Anthracene	1,12-Benzoperylene
Phenanthrene	1,2,5,6-Dibenzanthracene
Pyrene	TCDD
	1,2,4-Trichlorobenzene
	Bis (2-Chloroethyl) ether
	1,3-Dichlorobenzene
	2,4-Dinitrotoluene
	Fluoranthene
	Bis (2-chloroisopropyl) ether
	Hexachlorocyclopentadiene
	Nitrobenzene
	M-Nitrosodiphenylamine
	Di-N-Butyl phthalate
	Dimethyl phthalate
	Benzo (B) fluoranthene
	Acenaphthylene
	Fluorene
	Indeno (1,2,3-CD) pyrene

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

Priority Pollutants: Volatile Organics	
Acrolein	Acrylonitrile
Carbon tetrachloride	Chlorobenzene
1,1,1-Trichloroethane	1,1-Dichloroethane
1,1,2,2-Tetrachloroethane	Chloroethane
1,1-Dichloroethylene	1,2-Transdichloroethylene
1,2-Dichloropropylene	Ethylbenzene
Methyl chloride	Methyl bromide
Bromodichloromethane	Dibromochloromethane
Toluene	Trichloroethylene
2-Chloroethyl vinyl ether	
Benzene	
1,2-Dichloroethane	
1,1,2-Trichloroethane	
Chloroform	
1,2-Dichloropropane	
Methylene chloride	
Bromoform	
Tetrachloroethylene	
Vinyl chloride	

**Attachment "B": Drinking Water Standards and Priority Pollutants**

Priority Pollutants: Metals & Miscellaneous	
Antimony (Sb)	Arsenic (As)
Cadmium (Cd)	Chromium (Cr)
Lead (Pb)	Mercury (Hg)
Selenium (Se)	Silver (Ag)
Zinc (Zn)	Cyanide (CN <sup>-</sup> )
	Beryllium (Be)
	Copper (Cu)
	Nickel (Ni)
	Thallium (Tl)
	Asbestos (H <sub>2</sub> Mg <sub>3</sub> Si <sub>2</sub> O <sub>9</sub> )

.....Endnote

1. <sup>a</sup> (1988 note) Unregulated: monitoring required for all community and non-transient, non-community water systems

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

AMENDED MONITORING AND REPORTING PROGRAM NO. CI-9463  
for  
VENTURA COUNTY WATERSHED PROTECTION DISTRICT  
(Arroyo Simi)

Enrollment under Regional Board Order No. 93-010 (Series No. 035)  
(FILE NO. 08-147)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program from the effective date of this enrollment (November 4, 2008) under Regional Board order No. 93-010. The first monitoring report under this monitoring program is due by November 15, 2008. Monitoring reports shall be submitted monthly and must be received by the Regional Board by the fifteenth day of the second month following the sampling period. If there is no discharge, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- B. By January 30 of each year, the Discharger shall submit an annual summary 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, the discharger 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.
- C. Laboratory analysis – all chemical analysis shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certification shall be provided each time that a new and/or renewal certification is obtained from ELAP.
- D. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and the associated laboratory Quality Assurance/Quality Control (QA/QC) procedures.
- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. QA/QC samples must be run on the same dates as the Discharger samples are analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

Proper chain of custody procedures must be followed and a copy of the chain of custody documentation shall be submitted with the report.

November 4, 2008

- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program."
- G. For every item where the requirements are not met, the Discharger 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, including a timetable for implementation of those actions.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the monthly monitoring report.

## II. WATER QUALITY MONITORING REQUIREMENTS

- A. Maintenance Reporting: The Discharger shall submit a monthly operation and maintenance report for the facility including the disposal system of the wastewater. The information to be contained in the report shall include, at a minimum, the following:
  - 1. The name and address of the person or company responsible for the operation and maintenance of the facility;
  - 2. Type of maintenance (preventive or corrective action performed);
  - 3. Frequency of maintenance, if preventive;
  - 4. Estimated amount of water used for dust control;
  - 5. Description of any change in the dewatering approach, if changed;
  - 6. Verification that there is no runoff from the pumping and discharge systems to surface waters; and
  - 7. Maintenance records for the pumping, discharge, and wastewater disposal system.

- B. Effluent Monitoring: Sampling stations shall be located where representative samples of that discharge ground water from dewatering area can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u> <sup>[1]</sup>	<u>Unit</u> <sup>[2]</sup>	<u>Type of</u> <sup>[3]</sup> <u>Sample</u>	<u>Minimum</u> <sup>6</sup> <u>Frequency</u> <u>of Analysis</u>
Total flow	gal/day	N/A	Daily
pH	pH Units	grab	monthly
Total dissolved solids	mg/L	grab	monthly
Total Nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Nitrate-nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Nitrite-nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Oil and grease	mg/L	grab	monthly
Total Nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Sulfate	mg/L	grab	monthly
Chloride	mg/L	grab	monthly
Boron	mg/L	grab	monthly
BOD5 20°C	mg/L	grab	monthly
Suspended solids	mg/L	grab	monthly
Turbidity	NTU	grab	monthly
Total and Fecal coliform	MPN/100mL	grab	monthly
Enterococcus	MPN/100mL	grab	monthly
Phosphate	mg/l	grab	monthly
Priority pollutants <sup>[5]</sup>	mg/L	grab	One time <sup>[7]</sup>

<sup>[1]</sup> If any constituent exceeds the baseline water quality data, then the frequency of analyses shall increase to weekly until at least three test results have been obtained and there is no more exceeding constituent, after which the frequency of analyses shall revert to monthly.

<sup>[2]</sup> MPN/100mL: Most Probable Number per milliliter; mg/L: milligram per liter

<sup>[3]</sup> Samples shall be obtained at the outlet of the treatment system.

<sup>[4]</sup> Nitrate + nitrite + ammonia + organic nitrogen as nitrogen

<sup>[5]</sup> Priority Pollutants are listed in Attachment A. Discharger is not required to test for cyanide and asbestos;

<sup>[6]</sup> Three effluent samples shall be collected and analyzed during the dewatering operation. One sample shall be collected during the first day of dewatering, the second sample 30 days after the first sample and the last sample shall be collected by the last day of the dewatering activities.

<sup>[7]</sup> One time sample on the first day of discharge.

### III. MONITORING FREQUENCY

Monitoring frequencies may be adjusted to a less frequent basis and/or parameters dropped by the Executive Officer if the Discharger makes a request which is supported by statistical trends of monitoring data.

### IV. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

- B. Effluent Monitoring: Sampling stations shall be located where representative samples of that discharge ground water from dewatering area can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u> <sup>[1]</sup>	<u>Unit</u> <sup>[2]</sup>	<u>Type of</u> <sup>[3]</sup> <u>Sample</u>	<u>Minimum</u> <sup>[6]</sup> <u>Frequency</u> <u>of Analysis</u>
Total flow	gal/day	N/A	Daily
pH	pH Units	grab	monthly
Total dissolved solids	mg/L	grab	monthly
Total Nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Nitrate-nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Nitrite-nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Oil and grease	mg/L	grab	monthly
Total Nitrogen <sup>[4]</sup>	mg/L	grab	monthly
Sulfate	mg/L	grab	monthly
Chloride	mg/L	grab	monthly
Boron	mg/L	grab	monthly
BOD <sub>5</sub> 20°C	mg/L	grab	monthly
Suspended solids	mg/L	grab	monthly
Turbidity	NTU	grab	monthly
Total and Fecal coliform	MPN/100mL	grab	monthly
Enterococcus	MPN/100mL	grab	monthly
Phosphate	mg/l	grab	monthly
Priority pollutants <sup>[5]</sup>	mg/L	grab	One time <sup>[7]</sup>

<sup>[1]</sup> If any constituent exceeds the baseline water quality data, then the frequency of analyses shall increase to weekly until at least three test results have been obtained and there is no more exceeding constituent, after which the frequency of analyses shall revert to monthly.

<sup>[2]</sup> MPN/100mL: Most Probable Number per milliliter; mg/L: milligram per liter

<sup>[3]</sup> Samples shall be obtained at the outlet of the treatment system.

<sup>[4]</sup> Nitrate + nitrite + ammonia + organic nitrogen as nitrogen

<sup>[5]</sup> Priority Pollutants are listed in Attachment A. Discharger is not required to test for cyanide and asbestos;

<sup>[6]</sup> Three effluent samples shall be collected and analyzed during the dewatering operation. One sample shall be collected during the first day of dewatering, the second sample 30 days after the first sample and the last sample shall be collected by the last day of the dewatering activities.

<sup>[7]</sup> One time sample on the first day of discharge.

### III. MONITORING FREQUENCY

Monitoring frequencies may be adjusted to a less frequent basis and/or parameters dropped by the Executive Officer if the Discharger makes a request which is supported by statistical trends of monitoring data.



IV. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by:

  
\_\_\_\_\_  
Tracy J. Egoscue  
Executive Officer

Date: November 4, 2008

# ATTACHMENT A

## 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  
1,3-dichloropropylene  
Ethylbenzene  
Methylene chloride  
Methyl chloride  
Methyl bromide  
Bromoform  
Dichlorobromomethane  
Chlorodibromomethane  
Tetrachloroethylene  
Toluene  
Trichloroethylene  
Vinyl chloride  
2-chloroethyl vinyl ether  
Xylene