

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

August 28, 2014

Mr. Ken Matsuoka
City of Camarillo
601 Carmen Drive
Camarillo, CA 93010

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7010 3090 0002 1022 1042

GENERAL WASTE DISCHARGE REQUIREMENTS FOR SPECIFIED DISCHARGES TO GROUNDWATER – CITY OF CAMARILLO, CAMARILLO AIRPORT WATER IMPROVEMENT PROJECT, CAMARILLO, CALIFORNIA (ORDER NO. 93-010, FILE NO. 14-064, SERIES NO. 047, CI NO. 10069, GLOBAL ID WDR100018335)

Dear Mr. Matsuoka:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses of water within major portions of Los Angeles and Ventura Counties, including facility mentioned above.

We have completed our review of your application for Waste Discharge Requirements (WDRs) for wastewater to be generated from the Camarillo Airport Water Improvement Project, located at 555 Airport Way, Camarillo, California.

The project consists of the installation of a new pipeline underneath the two runways at the Camarillo Airport using sub-surface horizontal directional drilling. The new pipeline will be crossing the runway from north to south and it will tie together the Airport's existing southern water distribution system located near the intersection of Wood Road and Aviation Boulevard, with the existing north side water distribution at a point south of the drainage channel on the Airport's north side, in the vicinity of Wood Road.

The project is located at the Camarillo Airport. The proposed project would extend approximately 1,900 feet of 16-inch high density polyethylene (HDPE) water pipeline. The installation of a new pipeline requires excavation, and groundwater may be encountered. If groundwater is encountered at the southern entry pit, it will be removed from the entry pit to a settling tank using a well or sump pump.

The settlement tank is used for primary settling to remove suspended solids. Then it will be discharged through a sprinkler system onto an adjacent site (approximately 10 acres) within the Airport grounds. The discharge will continuously monitor per throughout the construction and the proper actions will be taken to modify the dewatering activities and implemented Storm Water pollution Prevention Plan as necessary to prevent any run-off from the discharge site at all time, including raining season.

The dewatering activity is estimated to last approximately three months. Average flow is estimated to be up to 144,000 gallons per day (gpd) associated with dewatering at the site.

CHARLES STRINGER, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

320 West 4th St., Suite 200, Los Angeles, CA 90013 | www.waterboards.ca.gov/losangeles

Groundwater samples collected at Test Well DH-1 on March 26, 2014 indicated that the total TDS is 4,530 mg/L, sulfate 2,570 mg/L, chloride 180 mg/L, boron 2.7 mg/L, and nitrate plus nitrite as nitrogen 32 mg/L.

There are no water quality objectives for the Pleasant Valley unconfined aquifers. Furthermore, there is a 300 feet thick confined layer between the shallow groundwater and the deeper groundwater aquifer.

Waste Discharge Requirement (E.6.) of Board Order No 93-010 states: "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 Water in California", with each discharge, on a site-specific basis". The proposal is for groundwater to be utilized in the area from which it was extracted. As a result, the discharge is not considered to be a threat to existing water quality, will not threaten existing beneficial uses of the local groundwater, and will be returned to the same formation from which it was withdrawn.

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in Regional Board 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 General Waste Discharge Requirements, consisting of Regional Board Order No. 93-010, Monitoring and Reporting Program CI No. 10069, and Standard Provisions - Applicable to Waste Discharge Requirements. Please note that the discharge limits in Attachment A (Pleasant Valley unconfined and perched aquifers) and Attachment B of Order No. 93-010 are applicable to your discharge. Should changes to the septic disposal system be needed, revised engineering drawings showing the change must be filed with the Regional Board a minimum of thirty days prior to the change. The discharger must receive approval of such change.

The Monitoring and Reporting Program requires you to implement a monitoring program on the effective date of coverage under this permit. When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File CI No. 10069", which will assure that the monitoring reports, are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100018335. ESI training video is available at: <https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>

Please see Paperless Office Notice for GeoTracker Users, dated December 12, 2011 for further details at: <http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20GT%20Users.pdf>

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the general permit in a separate letter if your facility is connected to a sewer and the permit is no longer needed. Be aware that the annual fee covers the fiscal year billing period beginning July 1 and ending June 30, the following year. You will pay the full annual fee if your request for termination is made after the beginning of the new fiscal year beginning July 1.

If you have any questions, please contact the Project Manager, Ms. Mercedes Merino at (213) 620-6156 (Mercedes.Merino@waterboards.ca.gov), or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 (Eric.Wu@waterboards.ca.gov).

Sincerely,


Samuel Unger, P.E.
Executive Officer

Enclosures: Regional Board Order No. 93-010
Standard Provisions Applicable to Waste Discharge Requirements
Monitoring and Reporting Program CI No. 10069

cc (via email): Mr. James Campero, City of Camarillo – Public Works
Ms. Diana Engle, Larry Walker Associates

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.

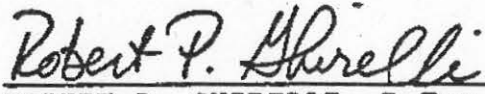
2. In reporting the monitoring data, the Discharger shall arrange the data in tabular forms such that the date, constituents, and concentrations are readily discernable. The data shall be summarized to demonstrate compliance with Waste Discharge Requirements.
3. All records and reports submitted to the 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
Rincon Creek Hydrologic Unit ^a	None Specified (n/s)			
Ventura River Hydrologic Unit	None Specified (n/s)			
Ojai Hydrologic Area (HA)				
Upper Ojai Hydrologic Subarea (HSA)				
West of Sulphur Mtn Rd	1,000	300	200	1.0
East of Sulphur Mtn Rd	700	50	100	1.0
Ojai HSA ^b				
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				
San Antonio Creek Area	1,000	300	100	1.0
Remainder of ground water basin	800	300	100	0.5
Lower Ventura River HA ^c	None Specified			
Santa Clara-Calleguas Hydrologic Unit				
Upper Santa Clara HA				
Acton HSA	600	150	100	1.0
Eastern HSA				
Above Bouquet Cyn ^d	800	150	150	1.0
Above Castaic Creek to Bouquet Cyn ^e	900	300	150	1.0
South Fork of Santa Clara River Area	1,300	800	100	0.5
Placerita Cyn Area	700	150	100	0.5
Castaic Creek to Blue Cut ^f	1,500	700	150	1.0
Bouquet HSA	400	50	30	0.5
Mint Cyn HSA	700	150	100	0.5
Sierra Pelona HSA	600	100	100	0.5
Piru HA				
Santa Felicia HSA (Piru Subarea)				
East of Piru Creek ^g	2,500	1,200	200	1.5
West of Piru Creek ^h	1,200	600	100	1.5
Upper Piru HSA	1,100	400	200	2.0
Hungry Valley HSA	500	150	50	1.0
Stauffer HSA	1,000	300	20	2.0
Sespe HA				
Fillmore HSA				
Pole Creek Fan underlying	2,000	800	100	1.0
City of Fillmore				
South Side of Santa Clara River	1,500	800	100	1.1
Remainder of ground water basin	1,000	400	50	0.7
Topa Topa HSA (Sespe Subarea)	900	350	30	2.0
Santa Paula HA				
Santa Paula HSA				
East of Peck Rd	1,200	600	100	1.0
West of Peck Rd	2,000	800	110	1.0
Sisar HSA	700	250	100	0.5
Oxnard Plain HA				
Oxnard HSA				
Oxnard Forebay	1,200	600	150	1.5
Deep aquifers underlying	1,200	600	150	1.5
pressure area				
Semiperched aquifer ⁱ	3,000	1,000	500	n/s

<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				
Fox Cyn Aquifer	1,200	600	150	1.0
Grimes Cyn Aquifer	1,200	600	150	1.0
Upper Aquifer ^l	None Specified			
Calleguas-Conejo HA				
West Las Posas HSA	900	350	150	1.0
East Las Posas HSA ^k				
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 ^l	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 Bouquet 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 Bouquet Canyon and tributaries but excludes aquifer in Casteic Creek and the South Fork of Santa Clara River and tributaries.
- f. Includes aquifer in Casteic 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	Boron
<u>Malibu Hydrologic Unit</u>				
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
<u>Los Angeles-San Gabriel River Hydrologic Unit</u>				
<u>Coastal Plain HA</u>				
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
<u>San Fernando HA</u>				
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 ^a	900	300	150	1.5
Foothill Wells Area ^b	400	100	50	1.0
Headworks Area ^c	700	300	100	1.5
North Hollywood-Burbank Area ^d	600	250	100	1.5
<u>Raymond HA</u>				
Monk Hill HSA	450	100	100	0.5
Pasadena HSA	450	100	100	0.5
Santa Anita HSA	450	100	100	0.5
<u>San Gabriel Valley HA</u>				
Puente Basin ^e	1,000	300	150	1.0
Main San Gabriel Basin-Overall	550	150	100	1.0
Westerly Portion ^f	450	100	100	0.5
Easterly Portion ^g	600	100	100	0.5
<u>Spadra Hydro HA</u>				
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
<u>San Pedro Channel Island Hydrologic Unit</u>				
Santa Catalina HA	1,000	250	250	1.0
San Clemente Island HA	no significant sources			
Santa Barbara Island HA	no significant sources			
<u>Santa Ana River Hydrologic Unit</u>				
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 south of Verdugo Wash.
- b. Foothill Wells is the main extraction area in the Sundland-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.

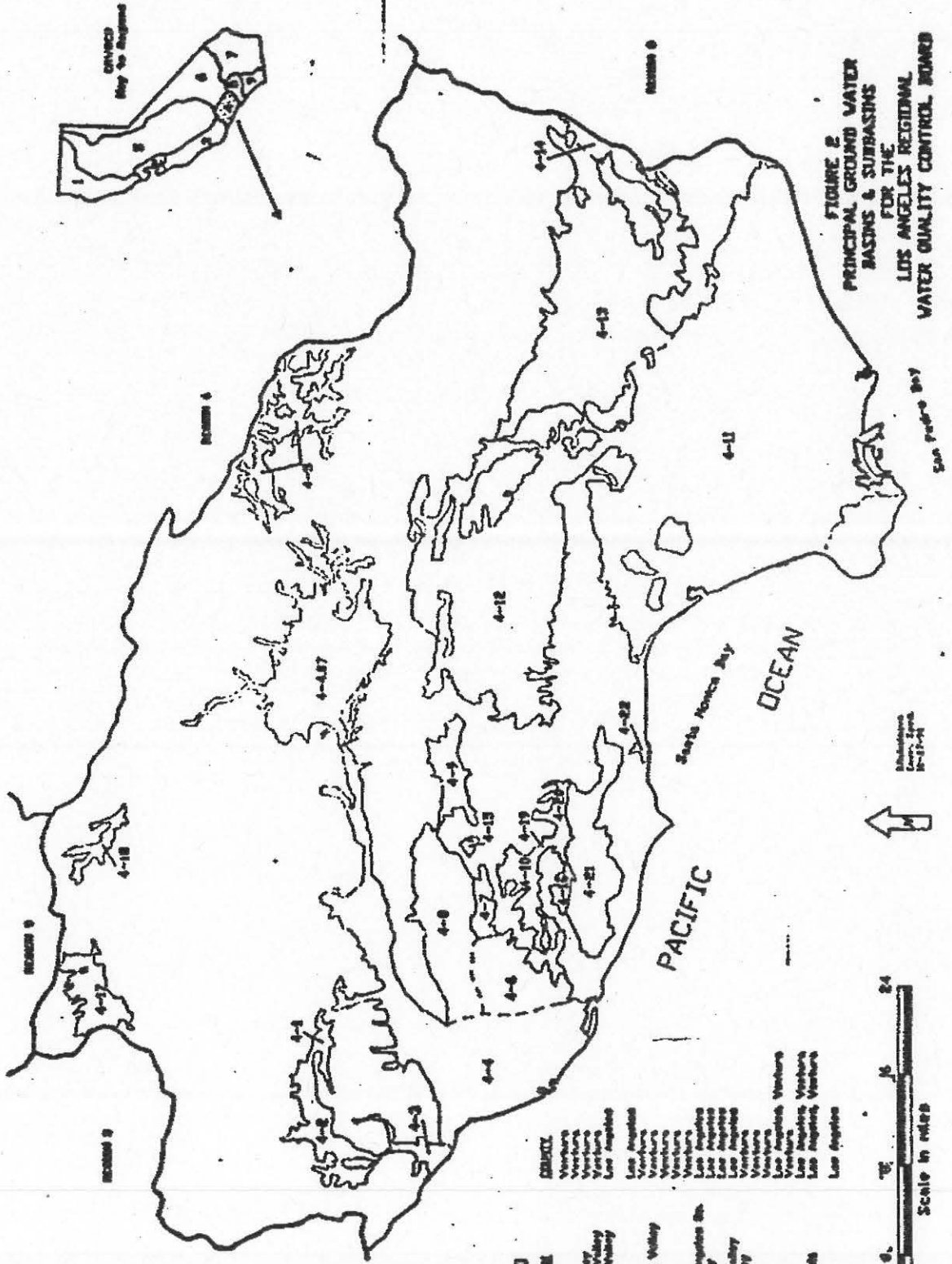


FIGURE 2
 PRINCIPAL GROUND WATER
 BASINS & SUBBASINS
 FOR THE
 LOS ANGELES REGIONAL
 WATER QUALITY CONTROL BOARD

LEGEND

- GROUND WATER BASIN**
- 4-1 San Diego Valley
 - 4-2 San Bernardino Valley
 - 4-3 Ventura County Valley
 - 4-4 Santa Clara River Valley
 - 4-5 Santa Clara River Valley
 - 4-6 Eastern Basin
 - 4-7 San Joaquin Valley
 - 4-8 Central Valley
 - 4-9 San Francisco Valley
 - 4-10 San Joaquin Valley
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- COUNTY**
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REGION 4 INDEX

- 0040 SANTA CLARA RIVER WATERSHED UNIT
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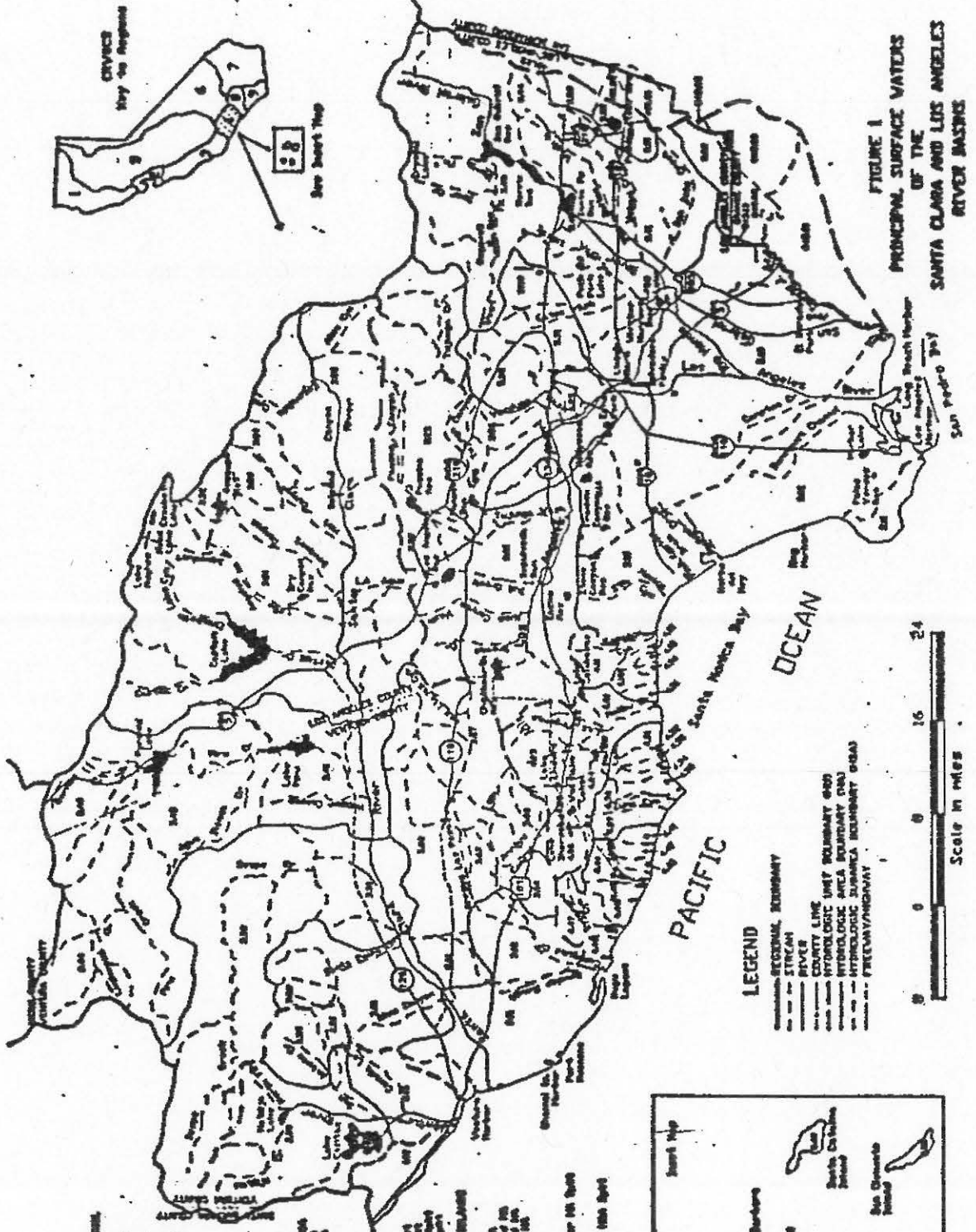
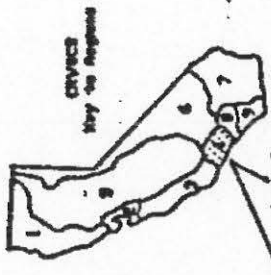


FIGURE 1
PRINCIPAL SURFACE WATERS
OF THE
SANTA CLARA AND LOS ANGELES
RIVER BASINS



Attachment "B"

**State Department of Health Services
Primary Drinking Water Standards
Secondary Drinking Water Standards**

Priority Pollutants

State DHS Primary Drinking Water Standards, Maximum Contaminant Level (MCL)			
MCL	Constituent	MCL	Constituent
Organic Compounds, MCL units of milligrams per liter (mg/L)			
0.005	1,1-Dichloroethane (1,1-DCA)	0.006	1,1-Dichloroethylene (1,1-DCE)
0.200	1,1,1-Trichloroethane (1,1,1-TCA)	1.2	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)
0.032	1,1,2-Trichloroethane (1,1,2-TCA)	0.001	1,1,2,2-Tetrachloroethane
0.0005	1,2-Dichloroethane (1,2-DCA)	0.005	1,2-Dichloropropane (Propylene dichloride)
*a ¹	1,3-Dichloropropane	*a	1,3-Dichloropropane
0.005	1,4-Dichlorobenzene (p-DCB)	0.1	2,4-D
0.05	2,4,5-TP (Silvex)	0.003	Atrazine (AAtrex)
0.018	Bentazon (Basagran)	0.001	Benzene
*a	Bromodichloromethane	*a	Bromoform
0.018	Carbofuran (Furadan)	0.0005	Carbon tetrachloride
0.0001	Chlordane	0.030	Chlorobenzene (Monochlorobenzene)
*a	Chloroform	0.006	cis-1,2-Dichloroethylene
0.004	Di(2-ethylhexyl)phthalate (DEHP)	*a	Dibromochloromethane
0.0002	Dibromochloropropane (DBCP)	0.0002	Endrin
0.680	Ethylbenzene (Phenylethane)	0.00002	Ethylene dibromide (EDB)
0.7	Glyphosate	0.00001	Heptachlor epoxide
0.00001	Heptachlor	0.004	Lindane (gamma-BHC)
0.1	Methoxychlor	0.02	Molinate (Ordram)
0.01	Simazine (Princep)	0.005	Tetrachloroethene (PCE)
0.07	Thiobencarb (Bolero)	0.005	Toxaphene
0.01	trans-1,2-Dichloroethylene	0.005	Trichloroethene (TCE)
0.15	Trichlorofluoromethane (Freon 11)	0.0005	Vinyl chloride (VC)
1.75	Xylenes		

State DHS Primary Drinking Water Standards, Maximum Contaminant Level (MCL)			
MCL	Constituent	MCL	Constituent
Inorganic/Physical Constituents, MCL units of milligrams/liter (mg/L)			
1.0	Aluminum (Al)	0.05	Arsenic (As)
1.0	Barium (Ba)	0.01	Cadmium (Cd)
0.05	Chromium, total (Cr)	2.4	Fluoride (F) temp < 53.7 °F
2.2	Fluoride (F) temp 53.8-58.3 °F	2.0	Fluoride (F) temp 58.4-63.8 °F
1.8	Fluoride (F) temp 63.9-70.6 °F	1.6	Fluoride (F) temp 70.7-79.2 °F
1.4	Fluoride (F) temp 79.3-90.5 °F	0.05	Lead (Pb)
0.002	Mercury (Hg)	45.0	Nitrate (NO ₃)
0.01	Selenium (Se)	0.05	Silver (Ag)
Radio Chemistry, MCL units of pico Curies per liter (pCi/L)			
15 (pCi/L)	Gross Alpha (α)	50 (pCi/L)	Gross Beta (β)
5 (pCi/L)	Combined Radium 226+228 (Ra ^{226,228})	8 (pCi/L)	Strontium-90 (Sr ⁹⁰)

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

Priority Pollutants: Acid Extractables		
2,4,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	

Priority Pollutants: Base/Neutral Extractables		
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	M-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	

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

Priority Pollutants: 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-Transdichloroethylene	1,2-Dichloropropane
1,2-Dichloropropylene	Ethylbenzene	Methylene chloride
Methyl chloride	Methyl bromide	Bromoform
Bromodichloromethane	Dibromochloromethane	Tetrachloroethylene
Toluene	Trichloroethylene	Vinyl chloride
2-Chloroethyl vinyl ether		

Priority Pollutants: Metals & Miscellaneous		
Antimony (Sb)	Arsenic (As)	Beryllium (Be)
Cadmium (Cd)	Chromium (Cr)	Copper (Cu)
Lead (Pb)	Mercury (Hg)	Nickel (Ni)
Selenium (Se)	Silver (Ag)	Thallium (Tl)
Zinc (Zn)	Cyanide (CN ⁻)	Asbestos (H ₂ Mg ₃ Si ₂ O ₁₀)

.....Endnote

1. * (DWS note) Unregulated: monitoring required for all community and non-transient, non-community water systems

Appendix A to 40 CFR, Part 423--126 Priority Pollutants

001 Acenaphthene	047 Bromoform (tribromomethane)	090 Dieldrin
002 Acrolein	048 Dichlorobromomethane	091 Chlordane (technical mixture and metabolites)
003 Acrylonitrile	051 Chlorodibromomethane	092 4,4-DDT
004 Benzene	052 Hexachlorobutadiene	093 4,4-DDE (p,p-DDX)
005 Benzidine	053 Hexachloromyclopentadiene	094 4,4-DDD (p,p-TDE)
006 Carbon tetrachloride (tetrachloromethane)	054 Isophorone	095 Alpha-endosulfan
007 Chlorobenzene	055 Naphthalene	096 Beta-endosulfan
008 1,2,4-trichlorobenzene	056 Nitrobenzene	097 Endosulfan sulfate
009 Hexachlorobenzene	057 2-nitrophenol	098 Endrin
010 1,2-dichloroethane	058 4-nitrophenol	099 Endrin aldehyde
011 1,1,1-trichloroethane	059 2,4-dinitrophenol	100 Heptachlor
012 Hexachloroethane	060 4,6-dinitro-o-cresol	101 Heptachlor epoxide (BHC-hexachlorocyclohexane)
013 1,1-dichloroethane	061 N-nitrosodimethylamine	102 Alpha-BHC
014 1,1,2-trichloroethane	062 N-nitrosodiphenylamine	103 Beta-BHC
015 1,1,2,2-tetrachloroethane	063 N-nitrosodi-n-propylamin	104 Gamma-BHC (lindane)
016 Chloroethane	064 Pentachlorophenol	105 Delta-BHC (PCB-polychlorinated biphenyls)
018 Bis(2-chloroethyl) ether	065 Phenol	106 PCB-1242 (Arochlor 1242)
019 2-chloroethyl vinyl ether (mixed)	066 Bis(2-ethylhexyl) phthalate	107 PCB-1254 (Arochlor 1254)
020 2-chloronaphthalene	067 Butyl benzyl phthalate	108 PCB-1221 (Arochlor 1221)
021 2,4, 6-trichlorophenol	068 Di-N-Butyl Phthalate	109 PCB-1232 (Arochlor 1232)
022 Parachlorometa cresol	069 Di-n-octyl phthalate	110 PCB-1248 (Arochlor 1248)
023 Chloroform (trichloromethane)	070 Diethyl Phthalate	111 PCB-1260 (Arochlor 1260)
024 2-chlorophenol	071 Dimethyl phthalate	112 PCB-1016 (Arochlor 1016)
025 1,2-dichlorobenzene	072 1,2-benzanthracene (benzo(a) anthracene)	113 Toxaphene
026 1,3-dichlorobenzene	073 Benzo(a)pyrene (3,4-benzo-pyrene)	114 Antimony
027 1,4-dichlorobenzene	074 3,4-Benzofluoranthene (benzo(b) fluoranthene)	115 Arsenic
028 3,3-dichlorobenzidine	075 11,12-benzofluoranthene (benzo(b) fluoranthene)	116 Asbestos
029 1,1-dichloroethylene	076 Chrysene	117 Beryllium
030 1,2-trans-dichloroethylene	077 Acenaphthylene	118 Cadmium
031 2,4-dichlorophenol	078 Anthracene	119 Chromium
032 1,2-dichloropropane	079 1,12-benzoperylene (benzo(ghi) perylene)	120 Copper
033 1,2-dichloropropylene (1,3-dichloropropene)	080 Fluorene	121 Cyanide, Total
034 2,4-dimethylphenol	081 Phenanthrene	122 Lead
035 2,4-dinitrotoluene	082 1,2,5,6-dibenzanthracene (dibenzo(h) anthracene)	123 Mercury
036 2,6-dinitrotoluene	083 Indeno (,1,2,3-cd) pyrene (2,3-o-pheynylene pyrene)	124 Nickel
037 1,2-diphenylhydrazine	084 Pyrene	125 Selenium
038 Ethylbenzene	085 Tetrachloroethylene	126 Silver
039 Fluoranthene	086 Toluene	127 Thallium
040 4-chlorophenyl phenyl ether	087 Trichloroethylene	126 Silver
041 4-bromophenyl phenyl ether	088 Vinyl chloride (chloroethylene)	128 Zinc
042 Bis(2-chloroisopropyl) ether	089 Aldrin	129 2,3,7,8-tetrachloro-dibenzo-p-dioxin (TCDD)
043 Bis(2-chloroethoxy) methane		
044 Methylene chloride (dichloromethane)		
045 Methyl chloride (dichloromethane)		
046 Methyl bromide (bromomethane)		

STANDARD PROVISIONS
APPLICABLE TO WASTE DISCHARGE REQUIREMENTS

1. DUTY TO COMPLY

The discharger must comply with all conditions of these waste discharge requirements. A responsible party has been designated in the Order for this project, and is legally bound to maintain the monitoring program and permit. Violations may result in enforcement actions, including Regional Board orders or court orders requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board. [CWC Section 13261, 13263, 13265, 13268, 13300, 13301, 13304, 13340, 13350]

2. GENERAL PROHIBITION

Neither the treatment nor the discharge of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code (CWC). [H&SC Section 5411, CWC Section 13263]

3. AVAILABILITY

A copy of these waste discharge requirements shall be maintained at the discharge facility and be available at all times to operating personnel. [CWC Section 13263]

4. CHANGE IN OWNERSHIP

The discharger must notify the Executive Officer, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on. [CWC Sections 13267 and 13263]

5. CHANGE IN DISCHARGE

In the event of a material change in the character, location, or volume of a discharge, the discharger shall file with this Regional Board a new Report of Waste Discharge. [CWC Section 13260(c)]. A material change includes, but is not limited to, the following:

- (a) Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the Waste.
- (b) Significant change in disposal method, e.g., change from a land disposal to a direct discharge to water, or change in the method of treatment which would significantly alter the characteristics of the waste.

Standard Provisions Applicable to
Waste Discharge Requirements

- (c) Significant change in the disposal area, e.g., moving the discharge to another drainage area, to a different water body, or to a disposal area significantly removed from the original area potentially causing different water quality or nuisance problems.
- (d) Increase in flow beyond that specified in the waste discharge requirements.
- (e) Increase in the area or depth to be used for solid waste disposal beyond that specified in the waste discharge requirements. [CCR Title 23 Section 2210]

6. REVISION

These waste discharge requirements are subject to review and revision by the Regional Board. [CCR Section 13263]

7. TERMINATION

Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information. [CWC Sections 13260 and 13267]

8. VESTED RIGHTS

This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, do not protect the discharger from his liability under Federal, State or local laws, nor do they create a vested right for the discharger to continue the waste discharge. [CWC Section 13263(g)]

9. SEVERABILITY

Provisions of these waste discharge requirements are severable. If any provisions of these requirements are found invalid, the remainder of the requirements shall not be affected. [CWC Section 921]

10. OPERATION AND MAINTENANCE

The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order. [CWC Section 13263(f)]

Standard Provisions Applicable to
Waste Discharge Requirements

11. HAZARDOUS RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) that person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.7) of Chapter 7 of Division 1 of Title 2 of the Government Code, and immediately notify the State Board or the appropriate Regional Board of the discharge. This provision does not require reporting of any discharge of less than a reportable quantity as provided for under subdivisions (f) and (g) of Section 13271 of the Water Code unless the discharger is in violation of a prohibition in the applicable Water Quality Control plan. [CWC Section 1327(a)]

12. PETROLEUM RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to Article 3.5 (commencing with Section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code. This provision does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to Section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan. [CWC Section 13272]

13. ENTRY AND INSPECTION

The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;

Standard Provisions Applicable to
Waste Discharge Requirements

- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order, or as otherwise authorized by the California Water Code, any substances or parameters at any location. [CWC Section 13267]

14. MONITORING PROGRAM AND DEVICES

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, which specifications are subject to periodic revisions as may be warranted. [CWC Section 13267]

All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy. All flow measurement devices shall be calibrated at least once per year, or more frequently, to ensure continued accuracy of the devices. Annually, the discharger shall submit to the Executive Office a written statement, signed by a registered professional engineer, certifying that all flow measurement devices have been calibrated and will reliably achieve the accuracy required.

Unless otherwise permitted by the Regional Board Executive officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. The Regional Board Executive Officer may allow use of an uncertified laboratory under exceptional circumstances, such as when the closest laboratory to the monitoring location is outside the State boundaries and therefore not subject to certification. All analyses shall be required to be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" [40CFR Part 136] promulgated by the U.S. Environmental Protection Agency. [CCR Title 23, Section 2230]

TREATMENT FAILURE

In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or to reduce the permitted activity in order to maintain compliance with this Order. Upon reduction, loss, or failure of the treatment facility, the discharger shall, to the extent necessary to maintain compliance with this Order, control production or all discharges, or both, until the facility is restored or an alternative method of treatment is provided. This provision applies, for example, when the primary source of power of the treatment facility fails, is reduced, or is lost. [CWC Section 13263(f)]

15. DISCHARGE TO NAVIGABLE WATERS

Any person discharging or proposing to discharge to navigable waters from a point source (except for discharge of dredged or fill material subject to Section 404 of the

Standard Provisions Applicable to
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Clean Water Act and discharge subject to a general NPDES permit) must file an NPDES permit application with the Regional Board. [CCR Title 2 Section 22357]

16. ENDANGERMENT TO HEALTH AND ENVIRONMENT

The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. The following occurrence(s) must be reported to the Executive Office within 24 hours:

- (a) Any bypass from any portion of the treatment facility.
- (b) Any discharge of treated or untreated wastewater resulting from sewer line breaks, obstruction, surcharge or any other circumstances.
- (c) Any treatment plant upset which causes the effluent limitation of this Order to be exceeded. [CWC Sections 13263 and 13267]

17. MAINTENANCE OF RECORDS

The discharger shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies off all reports required by this Order, and record of all data used to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.

Records of monitoring information shall include:

- (a) The date, exact place, and time of sampling or measurement;
- (b) The individual(s) who performed the sampling or measurement;
- (c) The date(s) analyses were performed;
- (d) The individual(s) who performed the analyses;
- (e) The analytical techniques or method used; and

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- (f) The results of such analyses.
18. (a) All application reports or information to be submitted to the Executive Office shall be signed and certified as follows:
- (1) For a corporation – by a principal executive officer or at least the level of vice president.
 - (2) For a partnership or sole proprietorship – by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal, or other public agency – by either a principal executive officer or ranking elected official.
- (b) A duly authorized representative of a person designated in paragraph (a) of this provision may sign documents if:
- (1) The authorization is made in writing by a person described in paragraph (a) of this provision.
 - (2) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to the Executive Officer.

Any person signing a document under this Section shall make the following certification:

“I certify 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]”

19. OPERATOR CERTIFICATION

Supervisors and operators of municipal wastewater treatment plants and privately owned facilities regulated by the PUC, used in the treatment or reclamation of sewage and industrial waste shall possess a certificate of appropriate grade in accordance with Title 23, California Code of Regulations Section 3680. State Boards may accept experience in lieu of qualification training. In lieu of a properly certified wastewater treatment plant operator, the State Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Health Services where reclamation is involved.

Standard Provisions Applicable to
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Each plant shall be operated and maintained in accordance with the operation and maintenance manual prepared by the municipality through the Clean Water Grant Program [CWC Title 23, Section 2233(d)]

ADDITIONAL PROVISIONS APPLICABLE TO
PUBLICLY OWNED TREATMENT WORKS' ADEQUATE CAPACITY

20. Whenever a publicly owned wastewater treatment plant will reach capacity within four years the discharger shall notify the Regional Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies and the press. The discharger must demonstrate that adequate steps are being taken to address the capacity problem. The discharger shall submit a technical report to the Regional Board showing flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Board, or within 120 days after receipt of notification from the Regional Board, of a finding that the treatment plant will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Board. An extension of 30 days may be granted by the Executive Officer, and longer extensions may be granted by the Regional Board itself. [CCR Title 23, Section 2232]

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

320 West 4th Street, Suite 200, Los Angeles, California 90013
(213) 576-6660 • Fax (213) 576-6640
<http://www.waterboards.ca.gov/losangeles/>

**MONITORING AND REPORTING PROGRAM CI NO. 10069
FOR
CITY OF CAMARILLO
CAMARILLO AIRPORT DEWATERING PROJECT**

**ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS
ORDER NO. 93-010 (SERIES NO. 047)
FILE NO. 14-064**

I. REPORTING REQUIREMENTS

1. The Dischargers shall submit the required reports, outlined in the following paragraphs to the Regional Board. The reports shall be received at the Regional Board via GeoTracker database under Global ID WDR100018335 on the dates indicated as follows:
 - A. Quarterly Monitoring Reports** shall be received at the Regional Board by the 15th day of the second month following the end of each quarterly monitoring period according to Table 1. The first monitoring report under this program shall be received at the Regional Board by October 15, 2014.

Table 1. Reporting Period and Due Dates

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

- B. Annual Summary Report** shall be received at the Regional Board March 1 of each year. The first Annual Summary Report under this program shall be received at the Regional Board on March 1, 2015.

If there is no discharge during any reporting period, the report shall so state.

2. The Dischargers shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including electronic data format (EDF) groundwater monitoring data, discharge location data, and pdf monitoring to the State Water Resources Control Board (State Board) GeoTracker database under Global ID WDR100018335.
3. 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.

4. 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.
5. 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.
6. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.
7. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with WDRs. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.

II. MONITORING REQUIREMENTS

1. Monitoring shall be used to determine compliance with the requirements of this Order and shall include, but not limited to, the following:
 - A. Locations of each groundwater monitoring station where representative samples can be obtained and the rationale for the selection. The Discharger must include a map, at a scale of 1 inch equals 1,200 feet or less, that clearly identifies the locations of all monitoring wells, and production wells.
 - B. Sampling protocols (specified in 40 Code of Federal Regulations (CFR) Part 136 or American Water Works Association (AWWA) standards where appropriate) and chain of custody procedures.
 - C. For groundwater monitoring, outline the methods and procedures to be used for measuring water levels; purging wells; collecting samples; decontaminating equipment; containing, preserving, and shipping samples, and maintaining appropriate documentation. Also include the procedures for handling, storing, testing, and disposing of purge and decontamination waters generated from the sampling events.
 - D. Laboratory or laboratories, which conducted the analyses. Include copy or copies of laboratory certifications by the State Board Environmental Laboratory Accreditation Program (ELAP) every year or when the Discharger changes their contract laboratory.

- E. Analytical test methods used and the corresponding detection limits for purposes of reporting (DLRs) unregulated and regulated chemicals. For regulated chemicals, please see the State Board's website at:
http://www.waterboards.ca.gov/drinking_water/programs/index.shtml
 - F. Quality assurance and control measures.
2. The samples shall be analyzed using analytical methods described in 40 CFR Part 136; or where no methods are specified for a given pollutant, by commercially available methods approved by the Regional Board and/or State Board. The Discharger shall select the analytical methods that provide DLRs lower than the limits prescribed in this Order.
 3. The Discharger shall instruct its laboratories to establish calibration standards so that the DLRs (or its equivalent if there is a different treatment of samples relative to calibration standards) are the lowest calibration standard. At no time shall the Discharger use analytical data derived from extrapolation beyond the lowest point of the calibration curve.
 4. Upon request by the Discharger, the Regional Board, in consultation with the State Board Quality Assurance Program, may establish DLRs, in any of the following situations:
 - A. When the pollutant has no established method under 40 CFR 136 (revised May14, 1999, or subsequent revision);
 - B. When the method under 40 CFR 136 for the pollutant has a DLR higher than the limit specified in this Order; or,
 - C. When the Discharger agrees to use a test method that is more sensitive than those specified in 40 CFR Part 136 and is commercially available.
 5. For unregulated chemical analyses, the Discharger shall select methods according to the following approach:
 - A. Use drinking water methods, if available;
 - B. Use State Board-recommended methods for unregulated chemicals, if available;
 - C. If there is no State Board-recommended drinking water method for a chemical, and more than a single Environmental Protection Agency (EPA)-approved method is available, use the most sensitive of the EPA-approved methods;
 - D. If there is no EPA-approved method for a chemical, and more than one method is available from the scientific literature and commercial laboratory, after consultation with State Board, use the most sensitive method;

- E. If no approved method is available for a specific chemical, the Discharger's laboratory may develop or use its own methods and should provide the analytical methods to State Board for review. Those methods may be used until CDPH recommended or EPA-approved methods are available.
- F. If the only method available for a chemical is for wastewater analysis (e.g., a chemical listed as a priority pollutant only), sample and analyze for that chemical in the treated and disinfected effluent immediately increase the likelihood of detection. Use this approach until the Discharger's laboratory develops a method for the chemical in drinking water, or until a State Board-recommended or EPA-approved drinking water method is available.
- G. The Discharger is required to inform the Regional Board, in event that D, E, F is occurring.

III. WATER QUALITY MONITORING REQUIREMENTS

- A. Maintenance reporting: The Discharger shall submit a monthly operation and maintenance report of 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 irrigation area and quantity of water use for irrigation, if any irrigation;
 - 5. Estimated amount of water used for compaction and for dust control;
 - 6. Description of any change in the dewatering approach, if changed;
 - 7. Verification that there is no runoff from the pond and the disposal areas to surface waters; and
 - 8. Maintenance records for the wastewater disposal system.
- B. A sampling station shall be located where representative samples of extracted groundwater, after settling and before discharge, can be obtained. The following shall constitute the effluent monitoring program, specified in Table 2:

Table 2. Effluent Monitoring

Constituent	Units ²	Type of Sample	Minimum Frequency of Analysis
Total Flow ¹	gallon/day	recorder	continuous
pH	pH units	grab	monthly
Nitrate-nitrogen	mg/L	grab	monthly
Nitrite-nitrogen	mg/L	grab	monthly
Organic-Nitrogen	mg/L	grab	monthly
Total Nitrogen ³	mg/L	grab	monthly
Total dissolved solids	mg/L	grab	monthly
Sulfate	mg/L	grab	monthly
Chloride	mg/L	grab	monthly
Boron	mg/L	grab	monthly
TPH ⁴	µg/L	grab	1 st & Last Day of Discharge
Priority Pollutants ⁵	µg/L	grab	1 st & Last Day of Discharge

¹For those constituents that are continuously monitored the Discharger shall report the minimum, maximum, and daily average values.

²mg/L= milligrams per liter; µg/L= micrograms per liter.

³Total Nitrogen includes ammonia-nitrogen, organic-nitrogen, nitrite-nitrogen and nitrate-nitrogen

⁴TPH=Total Petroleum Hydrocarbon

⁵See Appendix A to 40 CFR, Part 423--Priority Pollutants, but the Discharger is required to test only for volatile organic compounds (VOCs) and metals on the list.

All water monitoring reports must include, at minimum, the following:

- a. Sampling location, date and time of sampling;
- b. Sampler identification and laboratory identification.

IV. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program will not be required at this time. In the future, the Executive Officer may determine that a groundwater monitoring program is needed to fully evaluate the impact from your wastewater discharge in groundwater.

V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. ELECTRONIC SUBMITTAL OF INFORMATION

The Discharger shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100018335.

VII. 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: Samuel Unger
Samuel Unger, P.E.
Executive Officer

Date: August 28, 2014