



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Linda S. Adams
Agency Secretary

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Arnold Schwarzenegger
Governor

May 12, 2010

Rustom and Rita Contractor
2695 Shady Ridge Lane
Diamond Bar, CA 91765

ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS FOR RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS (ORDER NO. R4-2004-0146: SERIES 013): 2695 SHADY RIDGE LANE, DIAMOND BAR, CA (FILE NO. 09-078)

Dear Mr. and Mrs. Contractor

We received your Notice of Intent dated January 31, 2008, for enrollment under this Regional Board's Order No. R4-2004-0146 (General Waste Discharge Requirements for Residential Onsite Wastewater Treatment Systems). You have proposed to install a Sequence Batch Reactor manufactured by MicroSepTec®, Enviroserver Model ES25, which is an on-site sewerage filtration and denitrification system. The Onsite Wastewater Treatment System (OWTS) consists of sedimentation tank, an ES 25 treatment tank and will discharge to two seepage pits, four feet in diameter and 46 feet deep. Groundwater depth was estimated to be in excess of 56 feet below ground surface.

Regional Board staff has reviewed the information provided and has determined that the proposed discharge meets the conditions specified in Order No. R4-2004-0146, adopted by this Regional Board on September 2, 2004. Please note that we have determined that your discharge is "Low Risk". However, the County of Los Angeles, Department of Health Services, Environmental Health requires that areas exceeding the allowable percolation rate need to install a secondary treatment system for their OWTS. The allowable rate allowed by Los Angeles Plumbing Code is 5.12 gallons/square foot/day. The residence absorption rate is 21.05 gallons/square foot/day. Therefore, you are required to install the MicroSepTec®, Enviroserver Model ES25. A minimum of two year maintenance contract with an authorized. MicroSepTec® service provider is required by the manufacturer for the warranty. The maintenance contract will include a remote telemetry problem/alarm notification system. The maintenance contract will be renewed yearly and shall be maintained throughout the operating life of the treatment system. The system shall be checked by qualified service personnel after the first three months of operations and then every six months thereafter. Sludge shall be pumped from the primary sedimentation chamber every three years or as recommended by the service provider after inspection

Enclosed is a copy of general Order No. R4-2004-0146. Facilities that are ranked "Low Risk" do not require a monitoring program because they do not pose a significant threat to water quality.

California Environmental Protection Agency



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

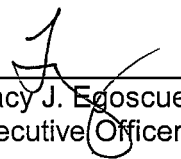
May 12, 2010

Although your discharge is enrolled under the general Order, it will be reviewed periodically. Based on additional technical information pertaining to your septic disposal system and/or groundwater, the Regional Board Executive Officer may require further technical information, including a monitoring program. Once such a decision is made, you will be notified at least thirty days before any Board action. Should changes to your septic disposal system be needed, revised engineering drawings must be filed with the Regional Board a minimum of thirty days prior to any changes. In addition, changes are subject to the review and approval of the City of Diamond Bar, Department of Public Works.

To avoid paying future annual fees, please submit a written request for termination of your enrollment under the general permit in a separate letter, when your project has been completed 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 at the beginning of the new fiscal year beginning July 1.

If you have any questions regarding this letter, please contact the Project Manager, Miss Dionisia Rodriguez at (213) 620-6122 or the Acting Section Chief, Dr. Rebecca Chou at (213) 620-6156.

Sincerely,


Tracy J. Egoscue
Executive Officer

Enclosure: Order No. R4-2004-0146 (addressee only)

cc: James DeStefano, City Manager, City of Diamond Bar
David Lin, Department of Public Work, City of Diamond Bar
Todd A. Long, Management Entity
Joseph Cervantes, The Xlart Group, Inc..

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STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. R4-2004-0146

GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS

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

1. California Water Code (CWC) section 13260(a)(1) requires that any person discharging wastes or proposing to discharge wastes within the Regional Board's jurisdiction to any place other than into a community wastewater collection system, 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 shall then prescribe waste discharge requirements (WDRs) to that person for the discharge or proposed discharge of wastes.
2. CWC section 13263(i) provides that a regional board may prescribe general WDRs for discharges produced by similar operations, involving similar types of waste and requiring similar treatment standards, when the regional board determines that the discharges are more appropriately regulated under general discharge requirements than individual discharge requirements.
3. Discharges from residential onsite wastewater treatment systems¹ infiltrate groundwater and, where in hydraulic connection with nearby surface waters, can pose a threat to surface water quality, and are considered a discharge of waste that could affect the quality of waters of the State.
4. Discharges to land from residential onsite wastewater treatment systems have certain common characteristics, such as similar constituents, concentrations of constituents, disposal techniques, flow ranges and similar treatment standards. These types of discharges are more appropriately regulated under general WDRs.
5. General WDRs enable Regional Board staff to expedite the processing of requirements, simplify the application process for dischargers, better utilize limited staff resources, and avoid the expense and time involved in repetitive public noticing, hearings, and permit adoptions.

¹ For the purposes of this Order, onsite wastewater treatment systems are defined as a septic tank and subsurface disposal system.

6. These general WDRs apply to discharges from residential onsite wastewater treatment systems throughout the entire Los Angeles Region (Los Angeles and Ventura Counties). However, the Regional Board has determined that residential onsite wastewater treatment systems pose a significant threat to groundwater and surface water quality in areas of shallow groundwater, areas adjacent to water bodies listed as impaired pursuant to section 303(d) of the Clean Water Act (33 USC § 1313(d)), areas where groundwater is used for domestic purposes and areas with nitrogen or bacterial contamination of ground or surface waters. Therefore, these general WDRs include considerations specifically addressing onsite wastewater treatment systems in these areas.
7. Local agencies with land use and planning powers in the Los Angeles Region regulate onsite wastewater treatment systems based on California Uniform Building and Plumbing Codes. Local agencies require soil analysis, site evaluation, percolation tests, and determination of proximity to surface waters and depth to groundwater before onsite wastewater treatment system approval. These general WDRs supplement local agency regulations by ensuring that onsite wastewater treatment systems do not adversely affect groundwater and surface water quality, especially in the areas described in finding No. 6.
8. These WDRs shall not be issued where a local agency has signed a memorandum of understanding with the Regional Board for the management and oversight of onsite wastewater treatment systems and where the Regional Board has issued waivers to owners of residential onsite wastewater treatment systems.
9. The Regional Board previously adopted Order No. 91-94 for private subsurface sewage disposal systems in subdivisions and residential developments of more than two homes in areas where groundwater is used or may be used for domestic purposes and Order No. 01-031 for small commercial and multifamily residential subsurface sewage disposal systems. This Order covers residential discharges which are not included within the residential discharges covered by Order Nos. 91-94 and 01-031.
10. The Regional Board adopted a Revised Water Quality Control Plan (Basin Plan) for the Los Angeles Region on June 13, 1994. The Basin Plan designates beneficial uses of, and establishes water quality objectives for, groundwater and surface water within the Los Angeles Region. Beneficial uses designated for groundwater and surface water include, among others: municipal supply, industrial service supply, fresh water replenishment, marine and wetland habitats, estuarine and wildlife habitats, commercial and sport fishing, water contact and non-contact recreation, shellfish harvesting, and agricultural supply. To the extent that the Basin Plan designates additional or different beneficial uses, the Basin Plan shall control.
11. All WDRs must implement the Basin Plan. These general WDRs require dischargers to comply with all applicable Basin Plan provisions, including any prohibitions, water quality objectives and total maximum daily loads (TMDLs) governing the discharge.

12. This Order establishes minimum standards only for residential onsite wastewater treatment systems. Dischargers must comply with any more stringent standards in the Basin Plan.
13. Because this Order is intended to serve as general WDRs and covers discharges throughout the Los Angeles Region, the receiving water limits are established to comply with the most protective water quality objectives for existing and potential beneficial uses for groundwater and surface water in the Los Angeles Region.
14. These general WDRs are intended to cover both new and existing residential onsite wastewater treatment systems. The adoption of WDRs for existing residential onsite wastewater treatment systems is exempt from the California Environmental Quality Act (CEQA) under California Code of Regulations (CCR), title 14, section 15261 or section 15301 as ongoing projects or existing facilities.
15. The Regional Board has assumed lead-agency role for this project under the California Environmental Quality Act (Public Resources Code section 21000 et seq.) and has conducted an Initial Study in accordance with section 15063 of the "State CEQA Guidelines" at 14 CCR, section 15000 et seq. Based upon the Initial Study, the Regional Board staff prepared a Mitigated Negative Declaration. Regional Board staff found that the adoption of WDRs for new onsite wastewater treatment systems, as mitigated, will not have a significant adverse effect on the environment. The Regional Board is adopting the Mitigated Negative Declaration concurrently with its adoption of this Order.
16. This Order does not preempt or supersede the authority of municipalities, flood control agencies, or other local agencies to impose more stringent controls on discharges of waste subject to their jurisdiction.
17. The Regional Board has notified interested agencies and persons of its intent to prescribe general WDRs as described in this Order, and has provided them with an opportunity to submit their written views and recommendations for the tentative requirements.
18. The Regional Board, in a public hearing, heard and considered all comments pertaining to the discharges to be regulated under this Order and to the tentative requirements.
19. Pursuant to CWC section 13320, any aggrieved party may seek review of this Order by filing a petition with the State Board. A petition must be sent to the State Water Resources Control Board, P.O. Box 100, Sacramento, California 95812, within 30 days of adoption of the Order.
20. These general WDRs are exempt from the provisions of 23 CCR, div. 3, chp. 15 pursuant to 23 CCR 2511(a).

It is hereby ordered that: in order to meet the provisions contained in Division 7 of the CWC and regulations adopted thereunder, discharges of wastewater from residential onsite wastewater treatment systems that discharge to land and meet all conditions of applicability shall comply with the following:

A. Eligibility

1. Existing and future discharges of wastewater from residential onsite wastewater treatment systems to land are eligible for coverage under this Order.
2. To be covered under this Order, discharges must meet the following criteria:
 - a. Pollutant concentrations in the discharge shall not cause or contribute to violation of any applicable water quality objective for the receiving waters, including discharge prohibitions and receiving water limits, and
 - b. The discharge shall not cause or contribute to acute or chronic toxicity in receiving waters,
 - c. The discharge shall pass through an appropriate treatment system to meet the requirements of the Order, and
 - d. The discharger shall not come within the discharges subject to regulation under Regional Board Order Nos. 91-94 or 01-031.
3. Discharges covered under this Order shall be ranked as low-risk, medium-risk, or high-risk by the Regional Board Executive Officer (Executive Officer) based upon the information submitted by the discharger in accordance with part B of this Order and shall be subject to corresponding requirements.
 - a. Low-risk discharges are defined as discharges from residential onsite wastewater treatment systems not meeting the criteria for medium-risk or high-risk discharges in parts A.3.b. and A.3.c. of this Order.

Dischargers meeting the criteria for low-risk discharges shall submit an application in accordance with part B of this Order and comply with the Discharge Prohibitions, General Provisions and Compliance and Enforcement provisions of parts D, E, and I and the Standard Provisions in Attachment A of this Order.
 - b. Medium-risk discharges are defined as discharges from residential onsite wastewater treatment systems:
 - having less than a 10 foot vertical separation to groundwater, or
 - having less than a 100 foot setback to a water body not identified as impaired under section 303(d) of the Clean Water Act.

Dischargers meeting the criteria for medium-risk discharges shall submit an application in accordance with part B of this Order and comply with the Discharge Prohibitions, General Provisions and Compliance and Enforcement provisions, as well as Specific Provisions of parts D, E, F and I and the Standard Provisions in Attachment A of this Order.

c. High-risk discharges are defined as discharges from residential onsite wastewater treatment systems:

- having less than a five foot vertical separation to groundwater, or
- having less than a 600 foot setback from a water body identified as impaired for nutrients and/or bacteria under section 303(d) of the Clean Water Act, or
- having less than a 600 foot setback from a water supply well where the subsurface consists of alluvial material, or
- having less than a 900 foot setback from a water supply well where the subsurface geology consists of fractured bedrock, or
- located in an area with documented nitrate or bacterial contamination of surface water or groundwater, or
- located within 100 feet of areas designated as aquatic Significant Ecological Areas or Significant Biological Resources in the Basin Plan.

With regard to the criteria for less than 600 foot setback from a water supply well in alluvial material and less than 900 foot setback from a water well in fractured bedrock, the discharger may submit geologic or geographic physical conditions that mitigate the risk to the Executive Officer for consideration. The geologic or geographic physical conditions must be verified by a registered geologist or civil engineer.

In addition, if a TMDL is subsequently adopted for a watershed, then the criteria for determining high-risk discharges specified by the TMDL, if more protective than the criteria specified in this Order, shall be applied.

Dischargers meeting the criteria for high-risk discharges shall submit an application in accordance with part B of this Order and comply with the Discharge Prohibitions, General Provisions and Compliance and Enforcement provisions, as well as Specific Provisions, Receiving Water Limitations and Monitoring and Reporting Requirements of parts D, E, F, G, H and I and the Standard Provisions in Attachment A of this Order.

4. In the event that an individual permit with more specific requirements is issued to a discharger, the applicability of this Order to that discharger is automatically terminated on the effective date of the individual permit.

B. Application

1. Dischargers eligible for coverage under this Order shall submit the following:
 - a. Notice of Intent (NOI), in the form of Attachment B of this Order, to comply with these general WDRs.
 - b. A project map.
 - c. A first annual fee corresponding to the appropriate Threat to Water Quality and Complexity in the fee schedule listed in section 2200 of title 23, California Code of Regulations (CCR). The check or money order shall be made payable to the "State Water Resources Control Board".
 - d. Any additional information that the Executive Officer deems necessary to evaluate the discharge.
2. Deadline for Submission
 - a. New dischargers shall file a complete application at least 45 days before commencement of the discharge.
 - b. Existing dischargers shall file an application for the repair of any portion of the onsite wastewater treatment system or the addition of any plumbing fixture units or bedroom equivalents to the facility served by the onsite wastewater treatment system.
 - c. All existing discharges within 600 feet of a water body identified as impaired for nutrients and/or bacteria under section 303(d) of the Clean Water Act shall file an application by January 1, 2008.
 - d. The Executive Officer may require an existing discharger to file an application in order to meet the requirements of any applicable TMDL or in order to ensure compliance with any water quality objectives.

C. Authorization

1. To be authorized to discharge under this Order, the discharger must complete an application in accordance with the requirements of Part B of this Order.
2. Upon receipt of the application, the Executive Officer shall determine the applicability of this Order to the discharge and determine the appropriate risk level for the discharge. If the discharge is eligible, the Executive Officer shall notify the discharger that the discharge is authorized under the terms and conditions of this Order and prescribe an appropriate monitoring and reporting program for high-risk discharges. For new discharges, the discharge shall not commence until receipt of the Executive Officer's written determination of eligibility for coverage under this general permit.

D. Discharge Prohibitions

1. Wastes discharged into the onsite wastewater treatment system shall be limited to residential wastewater only; no industrial or commercial wastes shall be discharged into the onsite wastewater treatment system.
2. Any additional hookups to the residential onsite wastewater treatment system without prior written approval from the Executive Officer are prohibited.
3. The surfacing or overflow of sewage from the residential onsite wastewater treatment system at any time and at any location is prohibited.
4. The disposal of wastes in geologically unstable areas or so as to cause earth movement is prohibited.
5. The discharge of wastes containing any substance in concentrations toxic to human, animal, plant, or aquatic life is prohibited.
6. Bypass or overflow of treated or untreated waste is prohibited.
7. The unlawful discharge of waste to land not owned or controlled by the discharger is prohibited.
8. The discharge of wastes from residential onsite wastewater treatment systems not authorized by this general WDR or other Order or waiver by the Regional Board is prohibited.

E. General Provisions

1. Dischargers covered under this Order shall comply with all applicable Basin Plan provisions, including any prohibitions and water quality objectives governing onsite wastewater treatment systems.
2. The discharger shall not discharge waste in excess of the maximum design and disposal capacity of the onsite wastewater treatment system.
3. Odors of sewage origin shall not be detectable.
4. Septic tanks shall be pumped only by a duly authorized service.
5. The discharger shall ensure that the contents of the onsite wastewater treatment system are disposed of in accordance with all applicable laws and ordinances.
6. No part of the disposal system(s) shall extend to a depth where waste may pollute groundwater.

7. The onsite wastewater treatment systems shall be protected from damage by storm flows or runoff.
8. New residential onsite wastewater treatment systems shall reserve sufficient land area for future replacement of the subsurface disposal area until such time as the discharger's facility is connected to a municipal sewerage system. Traditional² onsite wastewater treatment systems shall provide future 100 percent replacement area. Alternative³ onsite wastewater treatment systems may provide less than 100 percent future replacement area if authorized by the Executive Officer.
9. The discharger shall maintain, for inspection by Regional Board staff, the as-built construction and operation details of the wastewater treatment and disposal system. Onsite wastewater treatment systems that were constructed prior to the effective date of this Order and have no such records are exempt from this requirement.
10. All residential onsite wastewater treatment systems shall be readily accessible for sampling and inspection.
11. 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, at reasonable times, 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,
 - 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 CWC, any substances or parameters at any location (CWC section 13267).
12. This Order does not relieve the discharger from responsibility to obtain other necessary local, State, and Federal permits to construct facilities necessary for compliance with this Order, nor does this Order prevent imposition of additional standards, requirements, or conditions by any other regulatory agency.
13. Within six months after a community wastewater collection (sewer) system becomes available, the following dischargers shall connect to the community sewer system and properly close the onsite wastewater treatment system:

² Traditional onsite wastewater treatment systems are defined as systems consisting of a septic tank and leachfield or seepage pit.

³ Alternative onsite wastewater treatment systems are defined as systems consisting of a septic tank and leachfield or seepage pit plus an advanced treatment component.

- high-risk dischargers as defined in part A.3.c. of this Order,
- discharges from onsite wastewater treatment systems subject to repair, and
- discharges from onsite wastewater treatment systems serving a facility where any plumbing fixture units or bedroom equivalents are added to the facility.

The community sewer system shall be considered as being available when such community sewer system, or any building or exterior drainage facility connected thereto, is located within 200 feet of the discharger's property.

14. The discharger shall furnish, within a reasonable time, any information the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the discharger's coverage under this Order. The discharger shall also furnish to the Regional Board, upon request, copies of records required to be kept by this Order.
15. After notice and opportunity for a hearing, coverage of an individual discharge under this Order may be terminated or modified for cause, including but not limited to the following:
 - a. Violation of any term or condition contained in this Order,
 - b. Obtaining this Order by misrepresentation or failure to disclose all relevant facts, or
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
16. The filing of a request by the discharger for an Order modification, revocation and issuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any condition of this Order.
17. 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, and do not create a vested right for the discharger to continue the waste discharge (CWC section 13263(g)).
18. This Order includes the attached Standard Provisions Applicable to Waste Discharge Requirements (Standard Provisions), adopted November 7, 1990 (Attachment A), which are incorporated herein by reference. If there is any conflict between provisions stated herein and the Standard Provisions, these provisions stated herein will prevail.
19. Attachments A, B, and C to this Order are incorporated herein by reference.

F. Specific Provisions

Specific provisions shall apply to discharges identified as medium-risk and high-risk in parts A.3.b and A.3.c of this Order.

1. Dischargers shall submit the results of the annual inspection of the onsite wastewater treatment system, including the septic tank and subsurface disposal system, to the Regional Board in accordance with the operation and maintenance requirements included in part A of Attachment C. If the inspection indicates a malfunction of any part of the onsite wastewater treatment system, then the discharger shall submit plans for corrective action in the inspection report.
2. Dischargers shall contract with a qualified service provider for the monitoring of the onsite wastewater treatment system as specified in part B of Attachment C.

G. Receiving Water Limitations

Receiving water limitations shall apply to discharges identified as high-risk in part A.3.c of this Order.

1. Receiving water, for the purpose of the general WDRs, shall be defined as groundwater at a point no greater than fifty (50) feet hydraulically downgradient of the furthest extent of the disposal area, or the property line of the discharger, whichever is less. Compliance with receiving water limitations shall be determined using a downgradient well with site specific groundwater flow and direction. The number, location and construction details of all monitoring wells are subject to approval of the Executive Officer. Dischargers with disposal systems in close proximity to each other may, in order to reduce monitoring costs and complexity, and at the Executive Officer's discretion, propose a joint receiving water monitoring program. Dischargers may also enroll in a regional monitoring program approved by the Executive Officer.
2. The pH in the receiving water shall at all times be between 6.5 to 8.5 pH units.
3. The receiving water shall not contain constituents in excess of the following limits:

Constituent	Units ^(a)	Maximum
Total Nitrogen ^(b)	mg/L	10
Nitrate-nitrogen	mg/L	10
Nitrite-nitrogen	mg/L	1
Total Coliform	MPN/100mL	<1.1 ^(c)
Fecal Coliform	MPN/100mL	<1.1 ^(c)
Enterococcus	MPN/100mL	<1.1 ^(c)

(a) mg/L = milligrams per liter; MPN/100mL = most probable number per 100 milliliters.

(b) Total nitrogen includes ammonia-nitrogen, organic nitrogen, nitrite-nitrogen and nitrate-nitrogen.

- (c) Limits do not apply where it has been determined that groundwater is in hydrologic connection with ocean water. Where groundwater is in hydrologic connection with ocean water, the concentration of fecal coliform shall not exceed 200/100 mL (based on a 30-Day Geometric Mean) or 400/100 mL (based on a single sample). The concentration of enterococcus shall not exceed 35 /100 mL (based on a 30-Day Geometric Mean) or 104/100mL (based on a single sample). The concentration of total coliform shall not exceed 1,000/100mL (based on a 30-Day Geometric Mean) or 10,000/100 mL, or 1,000/100mL if the ratio of fecal coliform to total coliform is greater than 0.1 (based on a single sample) in accordance with 2001 California Ocean Plan objectives. Where groundwater is in connection with brackish surface waters, the total coliform, fecal coliform and enterococcus limits of <1.1 MPN/100mL shall apply.
4. Discharges characterized as high-risk based on a surface water quality concern shall be exempt from the limits in part G.3 if further assessment demonstrates that the discharge is not impacting surface waters. Such demonstrations may include regional or site specific groundwater quality monitoring or surface water quality monitoring that demonstrate compliance with the applicable surface water or groundwater limits defined in section G.3. Dischargers shall provide at least eight consecutive quarters of supporting monitoring data to demonstrate that the onsite wastewater treatment system is not impacting surface waters.
 5. Discharges to onsite wastewater treatment systems shall not result in concentrations of salts, heavy metals, or organic pollutants being present in the receiving water at levels that would impact the designated beneficial uses of groundwater or, in the event that groundwater is in hydraulic connection with surface waters, the designated beneficial uses of surface water.
 6. Dischargers that provide advanced treatment of sewage effluent may demonstrate compliance by sampling effluent prior to discharge to the subsurface disposal system. Effluent limits shall be determined by the Executive Officer on a case by case basis.
 7. Discharges to onsite wastewater treatment systems shall not impart tastes, odors, color, foaming, or other objectionable characteristics to the receiving water.
 8. Discharges to onsite wastewater treatment systems that result in non-compliance with any of the foregoing limits shall pass through an appropriate treatment system to meet the requirements of this Order.

H. Monitoring and Reporting requirements

A monitoring program shall be required for high-risk discharges as identified in part A.3.c. of this Order.

1. A monitoring program shall be established to determine if discharges from the disposal system have impacted or are impacting groundwater or surface water

- quality. The program may include participation of the discharger in a regional monitoring program approved by the Executive Officer.
2. Upon receipt of notification of enrollment under this Order, the discharger shall submit a monitoring plan in accordance with the requirements of part B of Attachment C. In lieu of submitting a monitoring plan, the discharger may show proof of enrollment in a regional monitoring program approved by the Executive Officer.
 3. The Executive Officer may revise the Monitoring and Reporting Program included in Attachment C based on site-specific conditions for a specific high-risk discharger.
 4. Should monitoring data indicate exceedances of applicable receiving water limits, the high-risk discharger shall submit, within 90 days after determination of the problem, plans for measures that will be taken, or have been taken, to mitigate any long-term effects that result from the subsurface disposal of wastes, including the repair of any failing portion of the onsite wastewater treatment system, the upgrade of onsite wastewater treatment systems to include advanced treatment such as disinfection or nitrification/denitrification or plans to cease discharge.
 5. Should monitoring data indicate continued compliance with applicable receiving water limits, the Executive Officer is hereby authorized to use his or her discretion to reduce the required frequency of monitoring for the high-risk discharger or to reassign a risk level to the discharge that reflects the results of the monitoring data. The monitoring data used to make this determination shall include, at a minimum, quarterly monitoring data for one year in which average or above average rainfall occurred. Average rainfall is defined as the mathematical mean of 24-hour totals of rainfall depth greater than 0.1 inches over the wet season based on the historical record for the closest standard rainfall gage for that location. Once a determination is made, the Executive Officer shall notify the discharger of the revised Monitoring and Reporting program, if appropriate.

I. Compliance and Enforcement

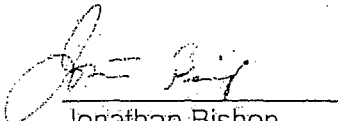
1. Dischargers enrolled under this Order are legally bound to maintain the applicable provisions of this Order. Violations may result in enforcement actions including Regional Board orders or court orders requiring corrective action or imposing administrative civil liability, or in modification or revocation of these waste discharge requirements by the Regional Board (CWC sections 13261, 13263, 13265, 13268, 13300, 13301, 13304, 13340, 13350).
2. 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 onsite wastewater treatment system, the discharger shall, to the extent necessary to maintain compliance with this Order, control all discharges until the system is restored or an alternative method of treatment is provided.

3. 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 that 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; steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance; whether the spill response plan was implemented and an initial assessment of the noncompliance on human health and the environment. 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.

J. Expiration Date and Continuation of this Order

This Order shall be revised upon adoption of statewide standards for onsite wastewater treatment systems adopted pursuant to sections 12390 and 13291 of the CWC if, after review, it is determined that statewide standards are more stringent than the requirements of this Order.

I, Jonathan Bishop, Interim 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 September 2, 2004.



Jonathan Bishop
Interim Executive Officer

ATTACHMENT A

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.

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- (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.
- (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 provision of these requirements are found invalid, the remainder of the requirements shall not be affected. [CWC Section 921]

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Waste Discharge Requirements

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)]

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]

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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;
- (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]

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15. 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)]

16. 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 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]

17. 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 plan upset which causes the effluent limitation of this Order to be exceeded. [CWC Sections 13263 and 13267]

18. 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

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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
 - (f) The results of such analyses.
19. (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:

Standard Provisions Applicable to
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"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]"

20. 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 plan operator of appropriate grade certified by the State Department of Health Services where reclamation is involved.

Each plan 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

21. 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]

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ATTACHMENT B

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

NOTICE OF INTENT
TO COMPLY WITH THE TERMS OF REGIONAL BOARD ORDER R4-2004-0146
GENERAL WASTE DISCHARGE REQUIREMENTS
FOR
RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS

Mark only One Item:	1. <input type="checkbox"/> New Discharge
	2. <input type="checkbox"/> Existing Discharge

I. Property Owner

Name:			
Street Address:			
City:	County:	Zip:	Phone:
Contact Person:			

II. Responsible Management Entity (if different from above)

Name:			
Street Address:			
City:	County:	Zip:	Phone:
Contact Person:			

III. Billing Address (if different from above)

Name:			
Street Address:			
City:	County:	Zip:	Phone:
Contact Person:			

IV. Site Information

Street Address:					
City:	County:	Total size of site (acres):			
Latitude/Longitude:					
_____ Deg.	_____ Min.	_____ Sec. W.	_____ Deg.	_____ Min.	_____ Sec. W.
Depth to groundwater (feet) - may use estimate based on regional groundwater data:					

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Order No. R4-2004-0146

Identify all water supply wells within 500 feet of the of the nearest point of any part of the onsite wastewater treatment system or edge of property:

Identify all waterbodies within 500 feet of the of the nearest point of any part of the onsite wastewater treatment system or edge of property:

Attach a scale map (including property boundary and discharge area) and vicinity map (showing location in relationship to major road intersections, lot and tract boundaries, etc.)

Attach copy of geologic assessment, including lithology, depth to bedrock, type of bedrock and results of percolation tests.

V. Water Supply

Water supply source (municipal or other):

Average quantity (average daily amount used):

VI. Waste Discharge and Disposal Information

Estimated volume or flow of discharge (gallons or gallons per day):

Average daily:

Maximum daily:

If intermittent flow, provide frequency:

Method of disposal (seepage pit, leachfield, etc.):

Design capacity: volume or flow (gallons or gallons per day):

Attach copy of Local Agency permit (including design of disposal system and results of percolation tests)

VII. Treatment Information

1. Describe treatment processes and capacity, including flow diagrams for the treatment system.
2. Provide details on engineering plans and any calculations used for treatment.
3. For experimental projects:
 - a. Describe results of any tests of the experimental process.
 - b. Identify any similar projects currently in use and provide operating data.
 - c. Provide an evaluation of any similar projects by the responsible regulatory agency.

VIII. Other Approvals

List all other public agency approvals and permits related to the onsite wastewater treatment system.

IX. Filing Fee

Provide first annual fee as described in part B.1.c. of Regional Board Order No. R4-2004-0146.

X. Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction and 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 fine and imprisonment." In addition, I certify that the provisions of the General Order and the Monitoring Program, will be complied with.

Printed Name: _____ Title: _____
Signature: _____ Date: _____

ATTACHMENT C

STATE OF CALIFORNIA CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM FOR REGIONAL BOARD ORDER NO. R4-2004-0146 GENERAL WASTE DISCHARGE REQUIREMENTS FOR RESIDENTIAL ONSITE WASTEWATER TREATMENT SYSTEMS

A. Operation and Maintenance Program

Medium and high-risk dischargers identified in parts A.3.b. and A.3.c. of Regional Board Order No. R4-2004-0146 shall submit an operation and maintenance program to the Regional Board not later than 90 days after enrollment under the Order and receipt of WDRs.

1. The operation and maintenance program shall include, at a minimum, the following:
 - a. The name, address and telephone number of the person or company responsible for the operation and maintenance of the onsite wastewater treatment system¹.
 - b. Planned frequency of preventative maintenance, including
 1. Inspection and periodic pumping out of the septic tank,
 2. Inspection and maintenance of subsurface disposal system, and
 3. Inspection and maintenance of any advanced treatment components, and
 - c. Corrective action plan for any signs of failure detected during inspection of septic tank, subsurface disposal system, or advanced treatment components.
2. Septic tanks shall be inspected annually for sludge depth and scum thickness in each component of each septic tank, distance between bottom of scum layer and bottom of outlet device, and distance between top of sludge layer and bottom of outlet device.
3. Septic tanks shall be pumped when any one of the following conditions exist or may occur before the next inspection:
 - a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment, or
 - b. The scum layer is within three inches of the outlet device, or,
 - c. The sludge layer is within eight inches of the outlet device.

In the event that wastes are hauled offsite, the name and address of the hauler shall be

¹ A responsible management agency (RME) may be responsible for operation and maintenance functions, as well as monitoring requirements for high-risk discharges, for a privately owned onsite wastewater treatment system. In such cases, the owner of the onsite wastewater treatment system and the RME must be listed on the permit as responsible entities.

reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

4. Subsurface disposal systems shall be subject to an annual visual inspection for signs of failure. Signs to look for include:
 - a. Odors of sewage origin,
 - b. Indication of surfacing wastewater,
 - c. Abnormal settling or erosion,
 - d. Excessive vegetation in disposal area,
 - e. Ponding of wastewater in the disposal area, and
 - f. Excessive vegetation or algae growth in nearby surface waters.

If the subsurface disposal system has inspection pipes or a distribution box, they shall be inspected as well.

5. For alternative onsite wastewater treatment systems, the discharger shall submit a plan for the inspection and maintenance of advanced treatment components.
6. The discharger shall keep current and submit to the Regional Board an operation and maintenance report every year.

B. Monitoring Program

High-risk dischargers identified in part A.3.c. of Regional Board Order No. R4-2004-0146 shall submit a monitoring program to the Regional Board not later than 90 days after enrollment under the Order and receipt of WDRs.

1. A monitoring plan shall be subject to the Regional Board Executive Officer's (Executive Officer) approval prior to implementation.
2. Discharges characterized as high-risk based on a groundwater quality concern shall submit a groundwater monitoring program. A groundwater monitoring program shall include the following:
 - a. The groundwater monitoring wells must be installed to fully assess the background groundwater quality and the downgradient groundwater quality. The plan shall include the exact location of the proposed wells, depths, construction of wells, schedule for the installation and proposed sampling of the wells.
 - b. Upon obtaining the Executive Officer's approval of an adequate groundwater monitoring plan, construction and development of the proposed wells shall be completed within 60 days in accordance with the standards in Bulletins 74-81 and 74-90 of California Department of Water Resources. Within 30 days of installation of monitoring wells, a well installation report including a scaled plot plan, soil boring logs, water quality data, well permits and as-built well construction diagrams shall

Monitoring and Reporting Program For
Order No. R4-2004-0146

be submitted to this Board. This groundwater monitoring schedule may be subject to revision after completion of the first year of baseline water quality monitoring.

- c. The monitoring program must be prepared under the direction of a California Registered Geologist, or Certified Engineering Geologist, or a California Registered Civil Engineer with appropriate experience in hydrogeology.
- d. The following shall constitute the groundwater monitoring program:

Constituent	Units*	Type of Sample	Minimum Frequency of Analysis
pH	pH Units	grab	quarterly
Total nitrogen	mg/L	grab	quarterly
Nitrate-nitrogen	mg/L	grab	quarterly
Nitrite-nitrogen	mg/L	grab	quarterly
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly

*MPN/100mL: Most Probable Number per 100 milliliter, mg/L: milligrams per liter

- e. All groundwater monitoring reports must include, at minimum, the following:
 - 4. Well identification, date and time of sampling,
 - 5. Sampler identification and laboratory identification,
 - 6. Quarterly measurement of groundwater levels, recorded to 0.01 feet mean sea level,
 - 7. Groundwater contour map depicting the hydraulic gradient and direction of groundwater flow across the subject tract, and
 - 8. Quarterly calculation of vertical separation of groundwater levels to bottom of each septic disposal system (leach field and/or seepage pit).

3. Discharges characterized as high-risk based on a surface water quality concern shall submit a surface water monitoring program. The surface water monitoring program shall include sampling sites upstream and downstream in the surface water body adjacent to the discharge. The sampling sites must be chosen to fully assess the background water quality and the downstream water quality of the adjacent surface water body. The plan shall include the exact location of the sampling sites and proposed sampling frequency. At a minimum, sampling shall be conducted quarterly for one year in which average or above average rainfall occurs.

4. Dischargers that provide advanced treatment of sewage effluent may demonstrate compliance with receiving water limits by sampling effluent prior to discharge to the subsurface disposal system. In such cases, dischargers shall submit an effluent sampling plan in lieu of a monitoring plan.

5. Unless otherwise approved by the Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services.

Monitoring and Reporting Program For
Order No. R4-2004-0146

- All analyses shall be conducted in accordance with the latest edition of Guidelines Establishing Test Procedures for Analysis of Pollutants, promulgated by the U.S. Environmental Protection Agency (USEPA).
6. If the discharger monitors any constituent more frequently than required by the General WDRs, the discharger shall submit the monitoring results to the Regional Board.
 7. The discharger shall retain records of all monitoring information including all calibration and maintenance records, copies of all reports required by these general WDRs, and records of all data used to complete the application for these general WDRs. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Executive Officer.
 8. Records of monitoring information shall include the following:
 - a. The date, exact place, and time of sampling or measurements.
 - b. The individual(s) who performed the sampling or measurements.
 - c. The date(s) analyses were performed.
 - d. The individual(s) who performed the analyses.
 - e. The analytical techniques or method used, and
 - f. The results of such analyses.
 9. All monitoring instruments and devices that are used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
 10. 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 USEPA guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.
 11. If there is no discharge, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
 12. 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.

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13. 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.
14. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.
15. The discharger shall submit an annual report to the Regional Board by January 15 of each year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous 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 the general WDRs.
16. 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 by the Executive Officer.
17. 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 the WDRs. This section shall be located at the front of the report and shall clearly list all non-compliance with WDRs, as well as all exceedances of effluent limitations.

C. Certification Statement

Each operation and maintenance and/or monitoring 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)"

Monitoring and Reporting Program For
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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:

Jonathan Bishop
Interim Executive Officer

Date