

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**ORDER NO. R9-2004-0389
WASTE DISCHARGE REQUIREMENTS**

FOR

**DS WATERS OF AMERICA, LP
LAKESIDE BOTTLING PLANT
SAN DIEGO COUNTY**

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This California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board), finds that:

Facility Description

1. On March 15, 1993, this Regional Board adopted Order No. 93-33 for Sparkletts Drinking Water Corporation in Lakeside, San Diego County, for a discharge of up to 0.076 million gallons per day (MGD) of process waste water to a percolation pond.
2. In October 2003 the DS Waters of America, LP, Lakeside Bottling Plant was destroyed by fire. The discharger notified this Regional Board of its intent to rebuild a new facility identical to the original Lakeside Bottling facility to continue bottled water production, and the discharge of process wastewater to groundwater via a percolation pond. The discharger notified this Regional Board of its intent to request for an increase in the effluent flowrate.
3. DS Waters of America, LP proposes to discharge up to 0.1064 million gallons per day (MGD) of process wastewater to groundwater via the percolation pond.
4. The discharge percolation pond is located at 32° 53.5' North Latitude and 116° 56.3' West Longitude, adjacent to State Highway 67 about 2 miles north of Lakeside in the Santee Hydrologic Subarea (907.12) of the Lower San Diego Hydrologic Unit (907.10).
5. On January 15, 2004, this Regional Board informed the discharger to submit a complete Report of Waste Discharge as required by *Reporting Requirements* of Order No. 93-33 and to include operation and design features of the new facility.
6. On May 27, 2004, DS Waters of America submitted a Report of Waste Discharge in application for waste discharge requirements for the new, rebuilt, Lakeside Bottling Plant for the discharge process wastewater to a percolation pond.
7. The County of San Diego, as lead agency for purposes of compliance with the California Environmental Quality Act (CEQA), determined that the DS Waters of America reconstruction project is exempt from the requirements of CEQA pursuant to Title 14, Chapter 3, Article 18, Section 15269, *Emergency Projects*.
8. On June 7, 2004, this Regional Board deemed DS Waters of America's RWD dated May 27, 2004 as complete. This Regional Board also requested additional information and clarifications. DS Waters submitted the requested information on July 28, 2004.

Waste Discharge

9. DS Waters of America extracts groundwater from 960 feet below ground surface to produce bottled drinking water. The process wastewater is discharged to a percolation/evaporation pond. The constituents that are of concern are Total Dissolved Solids, Chloride, Sulfate and pH.
10. Table 1 provides a summary of the monitoring results of the groundwater and the wastewater impoundment from the previous Lakeside Bottling Plant from January 1990 through September 2003 as reported by the discharger and the Basin Plan Objectives for groundwater in the Santee Hydrologic Subarea:

Table 1

Constituent	Unit Concentration	Groundwater Average (for 4 wells)	Effluent Average	Basin Plan Objective***
Total Dissolved Solids	mg/l	1189	878	1000
Chloride	mg/l	313	239	400
Sulfate	mg/l	272	204	500
pH	units	5.7-8.7**	7.4	6.0-9.0*

*=within these limits at all times **= data range for all 4 wells ***=Groundwater objectives for the Santee Hydrologic Subarea (907.12)

11. The discharge of wastewater to land is not expected to adversely impact the Beneficial Uses and Water Quality Objectives of the groundwater within the Lower Santee Hydrologic Subarea. The quality of the wastewater is generally higher than that of the Water Quality Objective and higher than the existing groundwater quality.

Water Quality Objectives

12. The State Board has defined the term “sources of drinking water” in Resolution No. 88-63, *Sources of Drinking Water Policy*. The policy specifies that, except under specifically defined conditions, all surface and ground waters of the state are to be protected as existing or potential sources of municipal and domestic water supply.
13. The *Comprehensive Water Quality Control Plan, San Diego Basin (9)* (Basin Plan) was adopted by this Regional Board on September 8, 1994 and approved by the State Board. Subsequent revisions to the Basin Plan have also been adopted by this Regional Board and approved by the State Board. The Basin Plan specifies beneficial uses and water quality objectives for surface and groundwater in the region. This Order specifies requirements necessary to meet the water quality objectives and to protect the beneficial uses.
14. The Basin Plan identifies the following existing beneficial uses for groundwater of the Lower Santee Hydrologic Subarea (907.12):

- a. Municipal and Domestic Supply
 - b. Agricultural Supply
 - c. Industrial Service Supply
 - d. Industrial Process Supply
15. The Basin Plan identifies the following existing beneficial uses for surface waters of the Lower Santee Hydrologic Subarea (907.12):
- a. Municipal and Domestic Supply (potential)
 - b. Industrial Service Supply
 - c. Water Contact Recreation
 - d. Non-Contact Water Recreation
 - e. Warm Freshwater Habitat
 - f. Cold Freshwater Habitat
 - g. Wildlife Habitat
 - h. Preservation of Rare and Endangered Species

Waste Discharge Impacts

16. Discharge of wastewater to land may not adversely impact Beneficial Uses and Water Quality Objectives of the groundwater within the Lower Santee Hydrologic Subarea. The quality of the wastewater is generally higher than that of the water quality objective and higher than that of the existing groundwater quality.

Regulatory Requirements

17. Pursuant to 40 CRF 131.12 and State Board Resolution No.68-16, *Statement of Policy With Respect to Maintaining High Quality of Waters in California* (collectively “Antidegradation Policies”), antidegradation analysis is not necessary since this Order is expected to protect existing beneficial uses. Water quality objectives and effluent limitations derived from the Basin Plan have been incorporated into the Order. Compliance with these limitation will ensure that water quality of the receiving water is maintained and protected and is not subject to degradation.
19. The County of San Diego, as lead agency for purposes of compliance with the California Environmental Quality Act (CEQA), determined that the DS Waters of America reconstruction project is exempt from the requirements of CEQA pursuant to Title 14, Chapter 3, Article 18, Section 15269, *Emergency Projects*.
20. This Regional Board, in establishing the requirements contained herein, considered factors including, but not limited to the following:
- a. The beneficial uses to be protected and the water quality objectives required to meet these beneficial uses;
 - b. Past, present and probable future beneficial uses of water;

- c. Environmental characteristics of the receiving water under consideration, including the quality of those receiving waters;
 - d. Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area;
 - e. Economic considerations;
 - f. The need for developing housing within the region;
 - g. The need to prevent nuisance;
 - h. The need to develop and use recycled water; and
 - i. Other waste discharges
- (California Water Code (CWC) Section 13263 & 13241)
21. This Order shall be modified or revoked at any time if, on the basis of any data, this Regional Board determines that continued discharges may cause unreasonable degradation of the aquatic environment.
 22. This Order does not preempt or supersede the authority of municipalities, flood control agencies, or other local agencies to further prohibit, restrict, or control discharges to sanitary sewer systems, or other watercourses subject to their jurisdiction.
 23. This Regional Board has notified interested parties of its intent to issue waste discharge requirements for DS Waters of America, LP, Lakeside Bottling Plant and has provided them with an opportunity to submit their comments (CWC §13378 and 13384).
 24. This Regional Board, in a public meeting, heard and considered all comments pertaining to waste discharge requirements for discharges of wastewater from DS Water of America, LP, Lakeside Bottling Plant.

IT IS HEREBY ORDERED, that DS Waters of America, LP, Lakeside Bottling Plant (hereinafter discharger), in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following requirements for discharges of waste from the Lakeside Bottling Plant.

A. PROHIBITIONS

1. The discharge of wastewater in excess of 0.1067 MGD in a calendar month is prohibited unless the discharger obtains revised waste discharge requirements for the proposed increased flow.
2. Discharge of wastes, including windblown spray and runoff of effluent applied for irrigation, to lands which have not been specifically described to this Regional Board and for which valid waste discharge requirements are not in force are prohibited.

3. Storage use and or disposal of wastes in a manner that would result in ponding or surfacing of wastes on lands beyond the disposal area, as described in the findings of this Order, is prohibited.
4. The discharge of any radiological, chemical or biological warfare agent, or radioactive waste to waters of the United States is prohibited.
6. The discharge of wastewater shall not:
 - (a) Cause the occurrence of coliform or pathogenic organisms in surface impoundment waters;
 - (b) Cause the occurrence of objectionable tastes and odors in surface impoundment waters;
 - (c) Cause impoundment waters to foam;
 - (d) Cause the presence of toxic materials in surface impoundment waters;
 - (e) Cause the pH of surface impoundment waters to fall below 6.0 or rise above 9.0;
 - (f) Cause this Regional Board's objectives for the ground or surface waters of the Santee Hydrologic Subarea as established in the Basin Plan, to be exceeded;
 - (g) Cause odors, septicity, mosquitos or other vectors, weed growth or other nuisance conditions in any inland watercourse;
 - (h) Cause a surface flow recognizable as sewage in any inland watercourse; or
 - (i) Cause a pollution, contamination or nuisance or adversely affect beneficial uses of the ground or surface waters of the Santee Hydrologic Subarea as established in the Basin Plan.
7. The dumping or deposition of oil trash in any manner that may permit it to be washed into waters of the United States is prohibited.
8. Odors, vectors, and other nuisances of wastewater disposal beyond the limits of the plant site or disposal area are prohibited.
9. The discharge of waste in a manner other than as described in the findings of this Order is prohibited unless the discharger obtains revised waste discharge requirements that provide for the proposed change.

10. Waste water storage facilities shall be designed, constructed, operated, and maintained so as to prevent surfacing of wastes on property not owned or controlled by the discharger. Surface runoff of any wastes which surface on property owned or controlled by the discharger onto property not owned or controlled by the discharger shall be prevented.

B. DISCHARGE SPECIFICATIONS

The discharge of an effluent containing pollutants in excess of the following effluent limitations is prohibited:

Table 2: Effluent Limitations

Constituent	Units	Daily Maximum ¹	12-Month Average ²
Total Dissolved Solids	mg/l	1200	1000
Chloride	mg/l	500	400
Sulfate	mg/l	600	500
pH	Units	Within the limits of 6.0 to 9.0 at all times	

¹ The daily maximum effluent limitation shall apply to the results of a single grab sample.

² The 12-month average shall be the arithmetic mean, using the result of analysis of all samples collected during any calendar year period (January-December).

Discharge Specifications

1. All waste treatment, containment and disposal facilities shall be protected against 100-year peak stream flows as defined by the San Diego County flood control agency.
2. All waste treatment, containment and disposal facilities shall be protected against erosion, overland runoff, and other impacts resulting from a 100-year frequency 24-hour storm.
3. 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.
4. The discharger shall comply with Monitoring and Reporting Program No. R9-2004-0389, and future revisions thereto as specified by this Regional Board. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. R9-2004-0389.

C. PROVISIONS

1. 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.
2. The discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and reissuance, or modification of this Order; or (c) denial of a report of waste discharge in application for new or revised waste discharge requirements.
3. In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or 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.
4. The discharger shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Order, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the noncompliance.
5. This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - (a) Violation of any terms or conditions of this Order;
 - (b) Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts; or
 - (c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
6. The filing of a request by the discharger for the modification, revocation and reissuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.
7. This Order is not transferable to any person except after notice to this Regional Board. This Regional Board may require modification or revocation and reissuance of this Order to change the name of the discharger and incorporate such other requirements as may be necessary under the California Water Code. The discharger shall submit notice of any proposed

transfer of this Order's responsibility and coverage to a new discharger as described under *Reporting Requirement D.3.*

8. 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, nor protect the discharger from liability under federal, state or local laws, nor create a vested right for the discharger to continue the waste discharge.
9. The discharger shall allow this 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.
10. A copy of this Order shall be maintained at DS Waters of America LP, Lakeside Bottling Plant, and shall be available to operating personnel at all times.
11. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.

D. REPORTING REQUIREMENTS

1. The discharger shall file a new Report of Waste Discharge at least 120 days prior 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 wastes.

- (b) Significant change in the treatment or disposal method (e.g., change in the method of treatment which would significantly alter the nature of the waste).
 - (c) Change in the disposal area from that described in the findings of this Order.
 - (d) Increase in flow beyond that specified in this Order.
 - (e) Other circumstances that result in a material change in character, amount, or location of the waste discharge.
 - (f) Any planned change in the regulated facility or activity that may result in noncompliance with this Order.
2. The discharger shall furnish to this Regional Board, within a reasonable time, any information which this Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to this Regional Board, upon request, copies of records required to be kept by this Order.
 3. The discharger must notify this Regional Board, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger. The notice must include a written agreement between the existing and 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.
 4. 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 this Regional Board, it shall promptly submit such facts or information.
 5. The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally to this Regional Board 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. This Regional Board, 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 Regional Board 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 limitations of this Order to be exceeded.
6. All applications, reports, or information submitted to this Regional Board shall be signed and certified as follows:
- (a) The Report of Waste Discharge shall be signed as follows:
 - (1) For a corporation - by a principal executive officer of 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) All other reports required by this Order and other information required by this Regional Board shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative only 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 a position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to this Regional Board.
 - (c) 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.

7. The discharger shall submit reports required under this Order, or other information required by this Regional Board, to:

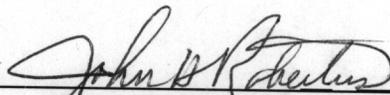
Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, California 92123-4340
Attention: Industrial Compliance Unit

E. NOTIFICATIONS

1. California Water Code Section 13263(g) states:

No discharge of waste into waters of the state, whether or not such discharge is made pursuant to waste discharge requirements, shall create a vested right to continue such discharge. All discharges of waste into waters of the state are privileges, not rights.
2. These requirements have not been officially reviewed by the United States Environmental Protection Agency and are not issued pursuant to Section 402 of the Clean Water Act.
3. The California Water Code, Section 13350, provides that any person who intentionally or negligently violates any waste discharge requirements issued, reissued, or amended by this Regional Board is subject to a civil monetary remedy of up to twenty dollars (\$20) per gallon of waste discharged or, if a cleanup and abatement order is issued, up to fifteen thousand dollars (\$15,000) per day of violation or some combination thereof.
4. The California Water Code, Section 13268, provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the monitoring reports is guilty of a misdemeanor.
5. This Order becomes effective on the date of adoption by this Regional Board.
6. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 93-33. Order No. 93-33 is hereby rescinded when this Order becomes effective.

I, John H. Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Diego Region, on December 8, 2004.



JOHN H. ROBERTUS
Executive Officer

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**ORDER NO. R9-2004-0389
MONITORING AND REPORTING PROGRAM**

FOR

**DS WATERS OF AMERICA, LP
LAKESIDE BOTTLING PLANT
SAN DIEGO COUNTY**

A. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in Order No. R9-2004-0389 or in this Monitoring and Reporting Program and, unless otherwise specified, before the monitored flow joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of this Regional Board.
2. Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than ± 5 percent from true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:
 - a. "A Guide to Methods and Standards for the Measurement of Water Flow," U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 96 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD Catalog No. C13.10:421.)
 - b. "Water Measurement Manual," U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington D.C. 20402. Order by Catalog No. 172.19/2:W29/2, Stock No. S/N 24003-0027.)

3. Monitoring must be conducted according to United States Environmental Protection Agency (USEPA) test procedures approved under Title 40, United States Code of Federal Regulations (CFR), Part 136, *Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act* as amended, unless other test procedures are specified in Order No. R9-2004-0389 and/or in this Monitoring and Reporting Program and/or by this Regional Board.
4. Monitoring results must be reported on forms approved by this Regional Board, and must be submitted to the Regional Board at the addresses listed in *Reporting Requirements D.8*, of Order No. R9-2004-0389.
5. If the discharger monitors any pollutant more frequently than required by Order No. R9-2004-0389 or by this monitoring and reporting program, using test procedures approved under 40 CFR Part 136, or as specified in Order No. R9-2004-0389 or this Monitoring and Reporting Program or by this Regional Board, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report. The increased frequency of monitoring shall also be reported.
6. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by Order No. R9-2004-0389 and this Monitoring and Reporting Program, and records of all data used to complete the application for Order No. R9-2004-0389, for a period of at least five years from the date of the sample, measurement, report, or application. This period may be extended by request of this Regional Board at any time.
7. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in Order No. R9-2004-0389 or this Monitoring and Reporting Program.
8. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by this Regional Board.
9. The discharger shall report all instances of noncompliance not reported under *Reporting Requirements D.6*, of Order No. R9-2004-0389 at the time monitoring reports are submitted. The reports shall contain the information listed in *Reporting Requirements D*, of this Order R9-2004-0389.
10. Records of monitoring information shall include:
 - 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 methods used; and
 - f. The results of such analyses.
11. 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 to ensure continued accuracy of the devices.
 12. Monitoring results shall be reported at intervals and in a manner specified in Order No. R9-2004-0389 or in this Monitoring and Reporting Program.
 13. This monitoring program may be modified by this Regional Board, as appropriate.

B. EFFLUENT MONITORING

1. The discharger shall sample and analyze the wastewater in the surface impoundment for the following constituents:

Table 3. Effluent Monitoring Requirements

Constituent	Units	Sample type	Analysis Frequency	Reporting Frequency
Flowrate	mgd	Continuous	Continuous	Quarterly
Total Dissolved Solids	mg/L	Grab	Monthly	Quarterly
pH	units	Grab	Monthly	Quarterly
Chloride	mg/L	Grab	Monthly	Quarterly
Sulfate	mg/L	Grab	Monthly	Quarterly

Note: mgd = million gallons per day mg/L = milligrams per liter

2. The discharger shall sample and analyze the groundwater from the four monitoring wells for the following constituents:

Table 4. Monitoring Requirements for Groundwater (Wells 1 – 4)

Constituent	Units	Sample type	Analysis Frequency	Reporting Frequency
Total Dissolved Solids	mg/l	Grab	Quarterly	Semi-Annual
Chloride	units	Grab	Quarterly	Annual
Sulfate	mg/l	Grab	Quarterly	Annual

3. Each surface impoundment location shall be qualitatively evaluated each quarter and reported quarterly. The qualitative evaluation shall include a narrative description of any erosion, sediment deposition, or other impacts to vegetation or wildlife in the vicinity of the respective discharge.

Core Monitoring

4. To determine compliance with water quality standards, the receiving water quality monitoring program must document conditions in the vicinity of the receiving water discharge points, at reference stations, and at areas beyond the immediate vicinity of the discharge points where discharge impacts might reasonably be expected. Monitoring must reflect conditions during all critical environmental periods.

Regional Watershed Monitoring

5. The discharger shall participate and coordinate with state and local agencies and other dischargers in the San Diego region in development and implementation of a Regional Watershed Monitoring Program for the San Diego River Watershed as directed by this Regional Board. The intent of a Regional Watershed Monitoring Program is to maximize the efforts of all monitoring partners using a cost-effective monitoring design and to best utilize the pooled resources of the region. During a coordinated watershed sampling effort, the discharger's sampling and analytical effort may be reallocated to provide a regional assessment of the impact of discharges to the watershed.

Strategic Process Studies

6. Special studies are intended to be short-term and designed to address specific research or management issues that are not addressed by the routine core monitoring program. The dischargers shall implement special studies as directed by the Regional Board

C. ANNUAL SUMMARY REPORT

The discharger shall submit an Annual Report that includes tabular and graphical summaries of the data collected for the reporting calendar year.

D. MONITORING AND REPORTING SCHEDULE

Monitoring reports shall be submitted to this Regional Board according to the dates in Table 5, *Monitoring and Reporting Schedule*.

Table 5. Monitoring and Reporting Schedule.

Reporting Frequency	Report Period	Report Due
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Table 5. Monitoring and Reporting Schedule.

Reporting Frequency	Report Period	Report Due
Quarterly	January through March	May 1
Quarterly	April through June	August 1
Quarterly	July through September	November 1
Quarterly	October through December	February 1
Semi-Annually	January through June	August 1
Semi-Annually	July through December	February 1
Annually	January through December	February 1

Ordered by _____



JOHN H. ROBERTUS
Executive Officer

Date: December 8, 2004