

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ADDENDUM NO. 1 TO ORDER NO. 94-46

AN ADDENDUM MODIFYING
THE WASTE DISCHARGE REQUIREMENTS

FOR THE
COUNTY OF ORANGE
GENERAL SERVICES AGENCY
LOS PINOS FORESTRY CAMP

ORANGE COUNTY

The California Regional Water Quality Control Board, San Diego Region (hereafter Regional Board), finds that:

1. On April 14, 1994, this Regional Board adopted Order No. 94-46, *Waste Discharge Requirements for the County of Orange, General Services Agency, Los Pinos Forestry Camp, Orange County*. Order No. 94-46 established requirements for the discharge of waste from the county facility to three facultative oxidation ponds, one emergency pond, and a spray disposal area located at the site and having no public access.

2. Discharge Specification B.3 of Order No. 94-46 established the following effluent limitations for the discharge:

Constituent	Unit	Daily ¹ Maximum
Total Dissolved Solids	mg/l	700
Chloride	mg/l	250
Sulfate	mg/l	250
pH	unit	Within the limits of 6.0 to 9.0 at all times.
Percent Sodium	%	60

3. Discharge Specifications B.3 of Order No. 94-46 also specified that the discharger submit a report to demonstrate that a discharge from the Los Pinos Forestry Camp would comply with the Basin Plan ground water objective for total dissolved solids.

4. A summary of the data in this Regional Board's file for effluent samples from the Los Pinos Forestry Camp from July 1979 until January 1994, is as follows:

Constituent	Unit	Average	Range
Total Dissolved Solids	mg/l	930	712--1120
Chloride	mg/l	191	79--247
Sulfate	mg/l	165	96--346
Percent Sodium	%	61	56--68

5. By letter dated December 14, 1995, at the direction of the discharger, Steven Andrews Engineering submitted information demonstrating that a discharge from the Los Pinos Forestry Camp with an effluent quality as cited in above Finding No. 4 would not cause the Basin Plan objectives for ground water to be exceeded.
6. This Regional Board in a public hearing heard and considered all comments pertaining to the modification of Order No. 94-46.
7. This facility is an existing facility and, as such, is exempt from the provisions of the California environmental Quality Act, in accordance with the California Code of Regulations, Title 14, Article 19, Section 15301.

IT IS HEREBY ORDERED, that Order No. 94-46 is modified as follows:

1. Discharge Specifications B.3 of Order No. 94-46 is superseded by the following:

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

Constituent	Unit	Daily ¹ Maximum	12--month ² Average
Total Dissolved Solids	mg/l	1200	1100
Chloride	mg/l	300	250
Sulfate	mg/l	300	250
pH	unit	Within the limits of 6.0 to 9.0 at all times.	
Percent Sodium	%	65	60

I, John H. Robertus, 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, San Diego Region on March 14, 1996.


JOHN H. ROBERTUS
Executive Officer

PJR
File: # 07--0075.02

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- ¹ The daily maximum effluent limitation shall apply to the results of a single composite sample collected over a period of 24 hours, or a grab sample.
 - ² The 12--month average shall be the arithmetic mean, using the results of analysis of all samples collected during any 12--month period.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

ORDER NO. 94-46

WASTE DISCHARGE REQUIREMENTS
FOR THE
COUNTY OF ORANGE
GENERAL SERVICES AGENCY
LOS PINOS FORESTRY CAMP
ORANGE COUNTY

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

1. On January 14, 1969, this Regional Board adopted Resolution 69-R2, **A Resolution Recommending Requirements for the Discharge of Treated Domestic Waste Water From the Los Pinos Job Corps by the U.S. Forest Service**
2. On July 21, 1975, this Regional Board rescinded Resolution 69-R2 and adopted Order No. 75-36, **Waste Discharge Requirements for County of Orange - Office of Probation Department Operations Los Pinos Forestry Camp near the City of Elsinore.** Order No. 75-36 was subsequently updated on June 15, 1987, when this Regional Board adopted Order No. 87-66, **Waste Discharge requirements for the County of Orange, Office of Probation Department Operations, Los Pinos Forestry Camp, Orange County.** Order No. 87-66 established requirements for the treatment of up to 15,000 gallons per day of wastewater from the county facility to three facultative oxidation ponds, one emergency pond, and a spray disposal area located at the site and having no public access.
3. As a part of the Fiscal Year 1993/94 Waste Discharge Order Update Program, Order No. 87-66 has been reviewed by Regional Board staff as required by Section 13263 of the California Discharge Specifications, Provisions, Reporting Requirements, Notifications, and Monitoring and Reporting Program of Order No. 87-66 in order to address current State and Regional Board policies and regulations and the current status of the project.
4. On December 8, 1993, Regional Board staff inspected the Los Pinos Forestry Camp waste water treatment facility, and verified that the domestic wastewater treatment facility includes three facultative oxidation ponds, one emergency pond, and a spray disposal area.
5. The existing facilities are located in the Cleveland National Forest Near Highway 74, approximately 8 miles west of Lake Elsinore in the SW 1/4 of Section 18, T6S, R5W, SBB&M, with

drainage to Lion Canyon, normally a dry watercourse, tributary to San Juan Creek in the Mission Viejo Hydrologic Area of the San Juan Hydrologic Unit

6. As prescribed by Order No. 87-66, the discharger submitted the self-monitoring reports of the treatment plant effluent. A summary of the data submitted from December 1990 to December 1993 is as follows:

Constituent	Unit	Range	Average	Previous Specification
Biochemical Oxygen Demand	mg/L	32 - 56	44	
Total Suspended Solids	mg/L	16 - 35	26	
Total Dissolved Solids	mg/L	844 - 1091	978	700
Chloride	mg/L	79 - 246	202	250
Sulfate	mg/L	96 - 204	140	250

7. The self monitoring reports also indicated that the Los Pinos Forestry Camp frequently exceeds the effluent flow limit of 15,000 gallons per day. Consequently this Order establishes a time schedule for the discharger to develop options for achieving compliance with the flow limit of 15,000 gallons per day.
8. The discharger reports that water is supplied to the Los Pinos Forestry Camp by the Elsinore Valley Municipal Water District. Results of the existing water supply from the Los Pinos Forestry Camp obtained by Regional Board staff on December 8, 1993 are as follows:

Constituent	Unit	Concentration
Total Dissolved Solids	mg/L	616
Chloride	mg/l	95
Sulfate	mg/l	208
Boron	mg/l	0.2

9. The Comprehensive Water Quality Control Plan Report, San Diego Basin (9), (Basin Plan) was adopted by this Regional Board on March 17, 1975; approved by the State Water Resources Control Board on March 20, 1975; and subsequently updated by the Regional Board.
10. The Basin Plan established the following beneficial uses for

the ground waters of the Mission Viejo HA* (1.20):

- (a) Municipal and domestic supply
- (b) Agricultural supply
- (c) Industrial service supply
- (d) Ground water recharge (Potential beneficial use).

The beneficial uses do not apply to all lands on the coastal side of the inland boundary of the right-of-way of Highway 101 west of the San Juan Creek channel. The beneficial uses for the remainder of the hydrologic area are as shown.

11. The Basin Plan established the following beneficial uses for the surface waters of the Mission Viejo HA (1.20):

- (a) Agricultural supply
- (b) Industrial service supply
- (c) Water contact recreation
- (d) Non-contact water recreation
- (e) Warm fresh-water habitat
- (f) Cold fresh-water habitat
- (g) Wildlife habitat
- (h) Preservation of rare and endangered species

12. The Basin Plan established the following water quality objectives for the Mission Viejo HA (1.20):

Constituent	Concentration not to be exceeded <u>more than 10 percent of the time</u>			
	Surface Water		Ground Water ¹	
Total dissolved solids	500	mg/L	500 ²	mg/L
Chloride	250	mg/L	250	mg/L
Percent sodium	60	%	60	%
Sulfate	250	mg/L	250 ²	mg/L
Nitrate (as NO ₃)	---		45 ²	mg/L
Nitrogen and phosphorus	**		---	
Iron	0.3	mg/L	0.3 ²	mg/L
Manganese	0.05	mg/L	0.05 ²	mg/L
Methylene blue active Substances	0.5	mg/L	0.5	mg/L
Boron	0.5	mg/L	0.5 ²	mg/L
Odor	None		None	
Turbidity	20	NTU	5	NTU
Color	20	Units	15	Units
Fluoride	1.0	mg/L	1.0	mg/L

Note: mg/L = milligrams per liter
NTU = Nephelometric turbidity units

** Concentrations of nitrogen and phosphorus, by themselves or in combination with other nutrients, shall be maintained at levels below those which stimulate algae and emergent plant growth. Threshold total phosphorus (P) concentrations shall not exceed 0.05 mg/L in any stream at the point where it enters any reservoir or lake, nor 0.025 mg/L in any reservoir or lake. A desired goal in order to prevent plant nuisances in streams and other flowing waters appears to be 0.1 mg/L total P. These values are not to be exceeded more than 10% of the time unless studies of the specific water body in question clearly show that water quality objective changes are permissible and changes are approved by the Regional Board. Analogous threshold values have not been set for nitrogen compounds, however, natural ratios of nitrogen to phosphorus are to be determined by surveillance and monitoring and upheld. If data are lacking, a ratio of N:P = 10:1 shall be used.

¹ The ground water quality objectives do not apply to all lands on the coastal side of the inland boundary of the right-of-way of Highway 101 west of the San Juan Creek channel. The objectives for the remainder of the hydrologic area are as shown.

² Detailed salt balance studies are recommended for this area to determine limiting mineral concentration levels for discharge. On the basis of existing data, the tabulated objectives would probably be maintained in most areas. Upon completion of the salt balance studies, significant water quality objective revisions may be necessary. In the interim period of time, projects of ground water recharge with water quality inferior to the tabulated numerical values may be permitted following individual review and approval by the Regional Board if such projects do not degrade existing ground water quality in the aquifers affected by the recharge.

13. Between December 1990 and December 1993, the average concentration of total dissolved solids of the effluent from the facultative ponds of Los Pinos Forestry Camp was 978 mg/l which exceeds the discharge specifications of 700 mg/l contained in Order no. 87-66. No information has been submitted to date that demonstrates a discharge of more than 15,000 gallons per day of wastewater with a TDS concentration greater than 700 mg/l will comply with the Basin Plan ground water objective established for TDS. Consequently this Order establishes a time schedule for the discharger to develop options for achieving compliance with the Basin Plan.
14. This facility is an existing facility and as such is exempt from the provisions of the California Environmental Quality

Act, in accordance with Title 14, California Administrative Code, Chapter 3, article 19, Section 15301.

15. The Regional Board has considered all water resource related environmental factors associated with the existing discharge of waste.
16. The Regional Board has notified the discharger and all known interested parties of the intent to update waste discharge requirements for the existing discharge.
17. The Regional Board in a public meeting heard and considered all comments pertaining to the existing discharge.

IT IS HEREBY ORDERED, that the County of Orange, General Service Agency (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:

A. PROHIBITIONS

1. 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.
2. 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.
3. Odors, vectors, and other nuisances of sewage or sewage sludge origin beyond the limits of the Los Pinos Camp property or disposal area are prohibited.
4. The discharger of treated or untreated to the San Juan Creek or its tributary is prohibited.

B. DISCHARGE SPECIFICATIONS

1. A 30-day average wastewater flowrate at Los Pinos wastewater treatment plant shall not exceed 15,000 gallons per day unless the discharger obtains revised waste discharge requirements for the proposed increased flow.
2. In order to address compliance with the Discharge Specification B.1, on or before October 31, 1994, the discharger shall submit either:
 - a) A technical report, certified by a Registered

Engineer, that discusses options for achieving compliance with the flow limit of 15,000 gallons per day; or

- b) A complete report of waste discharge (RWD) requesting a new flow limit higher than 15,000 gallons per day. The RWD should include sufficient technical information demonstrating that the treatment and disposal facilities have the capacity to treat the increased flow.

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

Constituent	Unit	Daily* Maximum
Total Dissolved Solids	mg/L	700**
Chloride	mg/L	250
Sulfate	mg/L	250
pH	Unit	Within the limits of 6.0 to 9.0 at all times
Percent Sodium	%	60

* The daily maximum effluent limitation shall apply to the results of a single composite sample collected over a period of 24 hours, or a grab sample.

** In order to achieve compliance with Discharge Specification for TDS, and to demonstrate compliance with the Basin Plan ground water objective for TDS, the discharger shall submit either:

- a) A complete RWD, on or before October 14, 1994, to demonstrate that the discharge with a TDS concentration higher than 700 mg/l will not cause the Basin Plan objective for TDS to be exceeded; or
- b) A complete RWD, on or before October 14, 1994, containing a feasibility study and a time schedule to construct the necessary facilities or modifications to the existing facilities of the Los Pinos Forestry Camp treatment facility to achieve an effluent quality that complies with the discharge specification for TDS.

4. All waste treatment, containment and disposal facilities shall be protected against 100-year peak stream flows as defined by the Orange County flood control agency.

5. 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.

C. PROVISIONS

1. 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.
2. This Order is not transferrable to any person except after notice to the Executive Officer. The discharger shall submit this notice in writing at least 30 days in advance of any proposed transfer. 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. The 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.
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 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.
5. A copy of this Order shall be maintained at Los Pinos Forestry Camp and shall be available to operating personnel at all times.
6. 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.
7. 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.
8. 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.

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.

9. 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.
10. 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.
11. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 87-66.

D. REPORTING REQUIREMENTS

1. The discharger shall comply with the attached Monitoring and Reporting Program No. 94-46, and future revisions thereto as specified by the Executive Officer. Monitoring results shall be reported at the intervals specified in Monitoring and Reporting Program No. 94-46.
2. The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided orally 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 Officer 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.
3. 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 which result in a material change in character, amount, or location of the waste discharge.
 - (f) Any planned change in the regulated facility or activity which may result in noncompliance with this Order.
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 the Regional Board, it shall promptly submit such facts or information.
5. The discharger shall furnish to the Executive Officer of this Regional Board, within a reasonable time, any information which the Executive Officer may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to the Executive Officer, upon request, copies of records required to be kept by this Order.
6. All applications, reports, or information submitted to the Executive Officer 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 the Executive officer 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 the Executive Officer.
- (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 the Executive Officer, to:

Executive Officer
California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd, Suite B
San Diego, California 92124- 1331

E. NOTIFICATIONS

1. 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.
2. The California Water Code 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 20 dollars per gallon of waste discharged or, if a cleanup and abatement order is issued, up to 15,000 dollars per day of violation or some combination thereof.
3. The California Water Code 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.
4. This Order becomes effective on the date of adoption by the Regional Board.

I, Arthur L. Coe, 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 April 14, 1994.



Arthur L. Coe
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

MONITORING AND REPORTING PROGRAM NO. 94-46
FOR THE
COUNTY OF ORANGE
GENERAL SERVICES AGENCY
LOS PINOS FORESTRY CAMP
ORANGE 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 this Order and, unless otherwise specified, before the effluent 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 the Executive Officer.
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, 97 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. 127,19/2:W29/2, Stock No. S/N 24003-0027.)
 - (c) "Flow Measurement in Open Channels and Closed

Conduits," U. S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October 1977, 982 pp. (Available in paper copy or microfiche from National Technical Information Service (NTIS) Springfield, VA 22151. Order by NTIS No. PB-273-535/5ST.)

- (d) "NPDES Compliance Sampling Manual," U. S. Environmental Protection Agency, Office of Water Enforcement. Publication MCD-51, 1977, 140 pp. (Available from the General Services Administration (8FFS), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.)
3. Monitoring must be conducted according to United States Environmental Protection Agency test procedures approved under the current Title 40, Code of Federal Regulations (CFR), Part 136 and 261, or the current California Code of Regulations, Title 22, Article 11 (Title 22), as appropriate, unless other test procedures have been specified in this Monitoring and Reporting Program.
 4. 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 the Executive Officer.
 5. Monitoring results must be reported on discharge monitoring report forms approved by the Executive Officer.
 6. If the discharger monitors any pollutants more frequently than required by this Order, using test procedures approved under 40 CFR, Part 136 and 261, or as specified in this Order, 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.
 7. 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 this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of five 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.

8. 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 method used; and
 - (f) The results of such analyses.
9. All monitoring instruments and devices which 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. The discharger shall report all instances of noncompliance not reported under Reporting Requirement D.3 of this Order at the time monitoring reports are submitted. The reports shall contain the information listed in Reporting Requirement D.3.
11. The monitoring reports shall be signed by an authorized person as required by Reporting Requirement D.7.
12. A composite sample is defined as a combination of at least eight sample aliquots of at least 100 milliliters, collected at periodic intervals during the operating hours of a facility over a 24 hour period. For volatile pollutants, aliquots must be combined in the laboratory immediately before analysis. The composite must be flow proportional; either the time interval between each aliquot or the volume of each aliquot must be proportional to either the stream flow at the time of sampling or the total stream flow since the collection of the previous aliquot. Aliquots may be collected manually or automatically.
13. A grab sample is an individual sample of at least 100 milliliters collected at a randomly selected time over a period not exceeding 15 minutes.

B. EFFLUENT MONITORING

The following shall constitute the effluent monitoring program for the Los Pinos Forestry Camp:

Determination	Unit	Sample Type	Sampling Frequency	Reporting Frequency
Flowrate	GPD	*	*	Semiannual
Biochemical Oxygen Demand (5-Day @ 20°C)	mg/L	Grab	Quarterly	Semiannual
Total Suspended Solids	mg/L	Grab	Quarterly	Semiannual
Total Dissolved Solids	mg/L	Grab	Semiannual ¹	Semiannual
Chloride	mg/L	Grab	Semiannual	Semiannual
Sulfate	mg/L	Grab	Semiannual	Semiannual
Total Nitrogen	mg/L	Grab	Semiannual	Semiannual
Percent Sodium	%	Grab	Semiannual	Semiannual

Note: GPD = gallons per day
 mg/L = milligrams per liter

* The flowrate may be estimated based on monthly water consumption and monthly average center population.

1 The discharger shall increase the monitoring frequency from semiannual to quarterly whenever the monitoring data indicates a violation of the daily maximum limit for TDS as specified by Discharge Specification B.3 of this Order. The quarterly monitoring shall continue until the discharger achieves compliance with these limitations for two consecutive quarters. After compliance is achieved, the discharger shall resume monitoring at the semiannual frequency.

C. SUPPLY WATERS

The following shall constitute the supply water monitoring program

Determination	Unit	Sample Type	Sampling Frequency	Reporting Frequency
Total Dissolved Solids	mg/L	Grab	Annual	Annual

D. SOLID WASTES

A log of the type, quantity, location, and manner of disposal of

solids removed in the course of sewage treatment shall be maintained and submitted quarterly.

E. PONDS

A monthly log of water elevation and remaining capacity in the facultative oxidation ponds and the emergency pond shall be submitted semiannually.

F. REPORTING

Monitoring reports shall be submitted to the Executive Officer in accordance with the following schedule:

<u>Reporting Frequency</u>	<u>Report Period</u>	<u>Report Due</u>
Semiannual	January-June July-December	July 30 January 30
Annual	January-December	February 28

Monitoring reports shall be submitted to:

California Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite B
San Diego, CA 92124-1331

Ordered by



Arthur L. Coe
Executive Officer
April 14, 1994

