



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 19, 2010

Mr. Jaime M. Fontes
City Manager
City of Santa Paula
740 Ventura Street
Santa Paula, CA 93060

Dear Mr. Fontes

AMENDED WASTE DISCHARGE REQUIREMENTS (WDR) NEW SANTA PAULA WATER RECYCLING FACILITY ORDER R4-2010-0074 (Amending Order R4-2007-0028, CI No. 9259, File No. 06-189)

Our letter of April 15, 2010, transmitted revised tentative amended Waste Discharge Requirements (WDRs) for the new Santa Paula Water Recycling Facility.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public meeting held on May 6, 2010, reviewed the tentative amended WDRs, considered all factors in the case, and adopted WDRs Order No. R4-2010-0074 (copy enclosed) relative to this discharge. Standard Provisions, which are a part of the WDRs, are also enclosed.

The document also includes the correction of the following typographical error.

WDR/WRR Title

Delete "Amending Waste Discharge Requirements in Order No. 06-189" and replace it with "Amending Waste Discharge Requirements in Order No. R4-2007-0028"

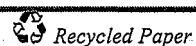
You are required to implement the Monitoring and Reporting Program No. CI-9259 on the effective date of Order No. R4-2010-0074. Your first monitoring report under these Requirements is due to this Regional Board by July 15, 2010. All monitoring reports should be sent to the Regional Board, Attn: Information Technology Unit, and referenced to our Compliance File No. CI-9259.

We are sending the WDRs to the discharger (Santa Paula) only. For recipients on the mailing list, an electronic copy will be available at:

http://www.waterboards.ca.gov/losangeles/board_decisions/adopted_orders/.

Hard copies of the WDRs and MRP will also be furnished upon request.

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.

If you have any questions or need additional information, please contact Ms. Elizabeth Erickson at (213) 620-2264 or me at (213) 620-6156.

Sincerely,



Rebecca Chou, Ph.D., P.E.

Acting Section Chief of Groundwater Permitting and Landfill

Enclosures:

1. Waste Discharge Requirements Order No. R4-2010-0074
2. Standard Provisions

cc: Mr. Bob Nespeca, PERC
Mr. James Matthew, PERC
Mr. Peter Leffler, FUGRO
Mr. David Gardner, FUGRO
Ms. Katherine Malzacher, Malzacher Ranch
Ms. Elaine Malzacher, Malzacher Ranch
Dr. Edo McGowan, Malzacher Ranch
Mr. Cliff Finley, City of Santa Paula Public Works
Mr. Gordon Innes, State Water Resources Control Board - DWQ
Mr. Kurt Souza, Cal. DHS, Region 5 - So Cal. Branch, Drinking Water Field Operation
Mr. Jeffrey L. Stone, Cal. DHS, Drinking Water, Recycled Water Unit
Mr. Jeff Pratt, Director, Ventura County Public Works Agency
Mr. Gerhart Hubner, Fox Canyon Groundwater Management Agency
Mr. Gary Haden, Water and Wastewater, Ventura Regional Sanitation District
Mr. William Paznokas, Cal. Department of Fish and Game, Region 5
Mr. Ken Turner, United Water Conservation District
Mr. William C. Stratton, County of Ventura, Environmental Health Division
Ms. Melinda Talent, County of Ventura, Environmental Health
Mr. Glen M. Hille, Boyle Engineering Corporation
Mr. Lynn Takaichi, Kennedy Jenks



State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION
ORDER NO. R4-2010-0074

AMENDING WASTE DISCHARGE REQUIREMENTS IN ORDER NO. R4-2007-0028

FOR
NEW SANTA PAULA WASTEWATER RECYCLING
CITY OF SANTA PAULA
SANTA PAULA DEPARTMENT OF PUBLIC WORKS
(File No. 06-189)

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

1. The City of Santa Paula (Discharger) will discharge water to the ground water through a percolation pond and recycled water system at the new Santa Paula Treatment Plant. The Waste Discharge Requirements (WDRs) are contained in Order No. R4-2007-0028 adopted by this Regional Water Board on May 3, 2007.

2. Provision H 13 of that order states that :

“The Discharger shall submit a hydrogeologic assessment technical report prepared by an independent California licensed engineer/geologist within 90 days of adoption of Order No. R4-2007-0028 that addresses concerns regarding potential mounding caused by the percolation ponds, by demonstrating that mounding will not cause groundwater to surface or degrade the adjacent wells. The report shall be submitted for review by Regional Board staff and interested parties prior to plant construction; the Regional Board shall evaluate the adequacy of the percolation ponds, and revise these waste discharge requirements, as appropriate, if the Regional Board at that time determines the ponds are inadequate to percolate the estimated discharge.”

3. Order No. R4-2007-0028 sets the effluent volume limitations to the percolation pond of 8 mgd. Additional hydrology modeling completed by the Discharger in 2008 identified 2.6 mgd as the steady state capacity of the percolation pond during wet years. The Discharger is developing additional disposal capacity through a recycled water system delivering treated effluent to municipal and commercial facilities, but the infrastructure will not be completed before discharge is scheduled to begin discharge at the new plant.

4. To prevent inappropriate use of the percolation ponds, which require periodic drying to retain subsurface waste treatment capacity, to ensure continued development and use of the recycled water system, and to prevent spills associated with peak storm flow discharge events, these WDRs should be amended to specify an annual average limit of 2.6 mgd, to be evaluated monthly, for discharge to the percolation ponds.

May 6, 2010

5. The requirements contained in this Order, as they are met, will be in conformance with the goals and objectives of the Basin Plan and policies of this Regional Water Board, and comply with the requirements of the Water Code.
6. Any person aggrieved by this action may petition the State Water Resources Control Board (State Water Board) to review the action in accordance with Water Code section 13320 and California Code of Regulations, title 23, section 2050 and following. The State Water Board must receive the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the internet at: http://waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.
7. Amending waste discharge requirements for an existing facility is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 2100 et seq.) in accordance with California Code of Regulations, Title 14, Chapter 3, section 15301.

The Regional Water Board has notified the Discharger and interested agencies and persons of its intent to amend the waste discharge requirements and has provided them with an opportunity to submit their written views and recommendations.

The Regional Water Board, in a public meeting, heard and considered all comments pertaining to the tentative Order amending the water recycling requirements.

IT IS HEREBY ORDERED that Order No. R4-2007-0028 adopted by this Regional Water Board on May 3, 2007, is amended as follows:

1. On page 12 of Order No. R4-2007-0028, replace the requirements under Section A. INFLUENT LIMITATIONS, subsection 2, with the following: "2. The influent shall not exceed a daily average flow of 4.2 mgd and a peak wet weather daily flow of 8.0 mgd. The annual average flow limitation of 2.6 million gallons per day, as evaluated monthly, applies to all discharge to the percolation ponds."
2. On page T6 of the Monitoring and Reporting Program (CI-9259), replace the requirements under Section III Groundwater Monitoring Program, subsection c. with the following "c. Monthly observation of groundwater levels, recorded to 0.01 feet mean sea level, and flow direction."

All other Requirements, Limitations, and Provisions of Order No. R4-2007-0028 are not affected by the foregoing amendments shall remain in full force and effect.

This Order takes effect upon its adoption.

City of Santa Paula
New Santa Paula Wastewater Recycling Facility
Order No. R4-2010-0074 Amending Order No. R4-2007-0028

File No. 06-189

I, Samuel Unger, Interim Executive Officer, do hereby certify that this Order with all attachments is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on May 6, 2010.



Samuel Unger, P.E.
Interim Executive Officer

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.

November 7, 1990
WDR

Standard Provisions Applicable to
Waste Discharge Requirements

- (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]

Standard Provisions Applicable to
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]

Standard Provisions Applicable to
Waste Discharge Requirements

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]

Standard Provisions Applicable to
Waste Discharge Requirements

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 of all reports required by this Order, and record of all data used

Standard Provisions Applicable to
Waste Discharge Requirements

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
Waste Discharge Requirements

"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 plant 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]