

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

ORDER NO. 98-049

WASTE DISCHARGE REQUIREMENTS  
FOR  
CASTLE CITY MOBILE HOME PARK  
PLACER COUNTY

The California Regional Water Quality Control Board, Central Valley Region, (hereafter Board) finds that:

1. Ronald, Anne, Edith, and Marvin Coleman (hereafter collectively referred to as Discharger) own and operate the Castle City Mobile Home Park (Assessor's Parcel Nos. 032-162-001, -002-510, and -014-510, and 042-020-002, -032, and -064), just south of Interstate 80 in Newcastle, Placer County.
2. Domestic wastewater generated from the 200 mobile homes connected to the facility is treated and disposed in two 3-acre ponds. Aeration is provided in the first pond by sprinkler heads in the center and two water jets on the bank. Wastewater from the aeration pond flows to the overflow pond via a spillway. Wastewater flows from the first pond to the second pond only during the wet season. The ponds were constructed for a design flow of 22,000 gallons per day.
3. Order No. 75-169, adopted by the Board on 17 December 1976, prescribes requirements for a discharge from the evaporation/percolation ponds to land. Order No. 75-169 is neither adequate nor consistent with current plans and policies of the Board.
4. The facility is in Section 30, T12N, R8E, MDB&M. Surface water drainage flows to Secret Ravine, which is tributary to the American River, as shown in Attachment A, which is attached hereto and part of the Order by reference.
5. The existing beneficial uses of Secret Ravine and downstream waters are municipal, domestic and agricultural supply; industry; power; contact, canoeing and rafting and other recreation and non-contact recreation; warm and cold freshwater habitat; warm and cold migration; warm and cold spawning; wildlife habitat; esthetic enjoyment; and preservation and enhancement of fish, wildlife and other aquatic resources.
6. The Board adopted a Water Quality Control Plan, Third Edition, for the Sacramento River Basin and the San Joaquin River Basin (hereafter Basin Plan) which contains water quality objectives for waters of the Basin. These requirements implement the Basin Plan.
7. The beneficial uses of the underlying ground water are domestic, industrial, and agricultural supply.
8. The Basin Plan encourages reclamation.

9. The action to adopt waste discharge requirements for this facility is exempt from the provisions of the California Environmental Quality Act in accordance with Section 15301, Title 14, California Code of Regulations (CCR).
10. This discharge is exempt from the requirements of *Consolidated Regulations for Treatment, Storage, Processing, or Disposal of Solid Waste*, as set forth in Title 27, CCR, Division 2, Subdivision 1, Section 20005, et seq., (hereafter Title 27). The exemption, pursuant to Section 20090(b), is based on the following:
  - a. The Board is issuing waste discharge requirements,
  - b. The discharge complies with the Basin Plan, and
  - c. The wastewater does not need to be managed according to 22 CCR, Division 4.5, Chapter 11, as a hazardous waste.
11. The Board has notified the Discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for this discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
12. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

**IT IS HEREBY ORDERED** that Order No. 75-169 is rescinded and Ronald, Anne, Edith, and Marvin Coleman, their agents, successors and assigns, 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. Discharge Prohibitions:**

1. Discharge of wastes to surface waters or surface water drainage courses is prohibited.
2. By-pass or overflow of untreated or partially treated waste is prohibited.
3. Discharge of waste classified as 'hazardous,' as defined in Sections 2521(a) of Title 23, CCR, Section 2510, et seq., (hereafter Chapter 15), or 'designated,' as defined in Section 13173 of the California Water Code, is prohibited.

**B. Discharge Specifications:**

1. The 30-day average daily dry weather discharge flow shall not exceed 22,000 gallons.

2. Objectionable odors originating at this facility shall not be perceivable beyond the limits of the property owned by the Discharger.
3. As a means of discerning compliance with Discharge Specification No. 2, the dissolved oxygen content in the upper zone (one foot) of wastewater in ponds shall not be less than 1.0 mg/l.
4. Ponds shall not have a pH less than 6.5 or greater than 8.5.
5. The discharge shall not cause degradation of any water supply.
6. Reclaimed wastewater shall meet the criteria contained in Title 22, Division 4, California Code of Regulations (Section 60301, et seq.).
7. A one foot freeboard shall be maintained in the overflow pond at all times.
8. On or about **1 October** of each year, available pond storage capacity shall at least equal the volume necessary to comply with Discharge Specification No. 7.
9. The following constituent limitations shall apply to wastewater discharged to the aeration and overflow pond.

<u>Constituents</u>	<u>30-day Units</u>	<u>Daily Average</u>	<u>Maximum</u>
BOD <sup>1</sup>	mg/l	40	80
Settleable Solids	ml/l	0.2	0.5

<sup>1</sup> 5-day, 20°C Biochemical Oxygen Demand

10. The ponds shall be managed to prevent breeding of mosquitoes. In particular,
  - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface.
  - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
  - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
11. Public contact with wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives.

**C. Sludge Disposal:**

1. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of in a manner that is consistent with Title 27 and approved by the Executive Officer.
2. Any proposed change in sludge use or disposal practice from a previously approved practice shall be reported to the Executive Officer and U.S. Environmental Protection Agency Regional Administrator at least 90 days in advance of the change.
3. Use and disposal of sewage sludge shall comply with existing Federal and State laws and regulations, including permitting requirements and technical standards included in 40 CFR 503.

If the State Water Resources Control Board and the Regional Water Quality Control Boards are given the authority to implement regulations contained in 40 CFR 503, this Order may be reopened to incorporate appropriate time schedules and technical standards. The Discharger must comply with the standards and time schedules contained in 40 CFR 503 whether or not they have been incorporated into this Order.

**D. Ground Water Limitations:**

The discharge shall not cause underlying ground water to be degraded.

**E. Provisions:**

1. The Discharger shall comply with the Monitoring and Reporting Program No. 98-049, which is part of this Order, and any revisions thereto as ordered by the Executive Officer.
2. The Discharger shall comply with all the items of the "Standard Provisions and Reporting Requirements for Waste Discharge Requirements, 1 March 1991", which are part of this Order. This attachment and its individual paragraphs are referred to as "Standard Provision(s)".
3. In the event of any change in control or ownership of land or waste discharge facilities described herein, the Discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be immediately forwarded to this office.
4. The Discharger shall comply with all conditions of this Order, including timely submittal of technical and monitoring reports as directed by the Executive Officer. Violations may result in enforcement action, including Regional Board or court orders requiring

- corrective action or imposing civil monetary liability, or in revision or rescission of this Order.
5. A copy of this Order shall be kept at the discharge facility for reference by operating personnel. Key operating personnel shall be familiar with its contents.
  6. The Board will review this Order periodically and will revise requirements when necessary.

I, GARY M. CARLTON, 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, Central Valley Region, on 27 February 1998.

Original signed by

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GARY M. CARLTON, Executive Officer

EAH:dlk  
27 February 1998

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. 98-049  
FOR  
CASTLE CITY MOBILE HOME PARK  
PLACER COUNTY

The Discharger shall comply with the following monitoring and reporting program. Wastewater samples should be representative of the volume and nature of the discharge. Time of collection of a grab sample shall be recorded. The following aeration and overflow pond monitoring shall be conducted during the months of July, August, September and October.

**AERATION POND MONITORING**

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Influent	mgd	cumulative	Daily
Dissolved Oxygen	mg/l	Grab	Twice Monthly
Effluent BOD <sup>1</sup>	mg/l	Grab	Twice Monthly
Effluent Settleable Solids	ml/l	Grab	Twice Monthly

<sup>1</sup> 5-day, 20°C Biochemical Oxygen Demand

**OVERFLOW POND MONITORING**

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Sampling Frequency</u>
Dissolved Oxygen	mg/l	Grab	Twice Monthly

**POND FREEBOARD MONITORING**

The Discharger shall measure the vertical distance from the surface of wastewater in ponds to pond levees to the nearest tenth of a foot twice per month, every month.

**ODOR MONITORING**

The Discharger shall monitor the property boundary to determine whether objectionable odors are detectable twice monthly.

**REPORTING**

MONITORING AND REPORTING PROGRAM  
CASTLE CITY MOBILE HOME PARK  
PLACER COUNTY

In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly the compliance with waste discharge requirements.

Monthly monitoring reports shall be submitted to the Regional Board by the **15th day of the following month**. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported to the Board.

Upon written request of the Board, the Discharger shall submit a report to the Board by **30 January** of each year. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the waste discharge requirements.

The Discharger shall implement the above monitoring and reporting program on the effective date of this Order.

Ordered by: Original signed by  
GARY M. CARLTON, Executive Officer

27 February 1998

(Date)

EAH:dlk  
27 February 1998

INFORMATION SHEET

CASTLE CITY MOBILE HOME PARK  
PLACER COUNTY

Ronald, Anne, Edith, and Marvin Coleman own and operate the Castle City Mobile Home Park at 1588 Lisa Drive (Assessor's Parcel Nos. 032-162-001, -002-510, and -014-510, and 042-020-002, -032, and -064), just south of Interstate 80 in Newcastle, Placer County.

Domestic wastewater generated from the 200 mobile homes connected to the facility is treated and disposed in two 3-acre ponds. Aeration is provided in the first pond by sprinkler heads in the center and two water jets on the bank. Wastewater from the aeration pond flows to the overflow pond via a spillway. Wastewater flows from the first pond to the second pond only during the wet season. The ponds were constructed for a design flow of 22,000 gallons per day.

The Regional Board first adopted waste discharge requirements for the facility on 16 July 1964. Those requirements were updated on 25 July 1975 when the owners proposed to augment the capacity of the treatment and disposal facility from one pond to two. Dams were constructed to form the ponds with underdrains to drain away spring water, suspected to be under the dams, to ensure dam stability. Monitoring requirements were established for the underdrains to assure that wastewater in the ponds did not seep into the underdrain system. Early monitoring of the underdrains indicated that no such seepage occurred. Flows from the underdrains ceased shortly thereafter. This Order discontinues the requirement to monitor the underdrains.

Waste discharge requirements are being updated to adequately reflect operation of the wastewater treatment facility and policies of the Regional Board.

This Order specifies limits on maximum concentrations of Biochemical Oxygen Demand (BOD) (40 milligrams per liter (mg/l) for the 30-day average and 80 mg/l for the daily maximum) and Settleable Solids (SS) (0.2 milliliters (ml/l) per liter for the 30-day average and 0.5 ml/l for the daily maximum) in wastewater discharged to, and minimum concentrations of Dissolved Oxygen (DO) (1.0 mg/l) in, the second pond. The same minimum concentrations for DO are also prescribed for the first pond. The maximum BOD and SS limits provide assurance against nuisances of foul odors emanating from the ponds. The minimum DO limit provides added assurance.

Surface water drainage from the site is to Secret Ravine, which is tributary to the American River.

EAH:dlk  
27 February 1998