



RM 393297

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GOVERNORMATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

## Central Valley Regional Water Quality Control Board

17 January 2014

Robert Nunziato, Executive Director  
Hartland Christian Camp  
57611 Eshom Valley Drive  
Badger, CA 93603

### NOTICE OF APPLICABILITY

#### **WATER QUALITY ORDER 97-10-DWQ, GENERAL WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES TO LAND BY SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS, HARTLAND CHRISTIAN ASSOCIATION, HARTLAND CHRISTIAN CAMP ONSITE WASTEWATER TREATMENT SYSTEM, TULARE COUNTY**

The Hartland Christian Camp Onsite Wastewater Treatment System (OWTS) provides wastewater services to service staff and campers. Discharges from the OWTS are regulated by Waste Discharge Requirements (WDRs) Order No. 94-021. The WDRs are obsolete, inconsistent with current plans and policies of the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board), and need to be updated.

On 19 September 2013, the Central Valley Water Board staff received an application and letter from you accepting coverage of the discharge under *Water Quality Order 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems* (hereafter General Order).

Based on the findings of the original WDRs, information from self-monitoring reports and facility file, and information provided in your recent application, the discharge meets the conditions of the General Order. The discharge is hereby covered under *Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems*. The facility is assigned Notice of Applicability (NOA) No. 97-10-DWQ-R5128

The following requirements contained within the General Order apply to the subject discharge:

1. All Section A Prohibitions,
2. Section B Requirement Nos. 1.a-1.d, 2.a-2.b, 4, 5.a-5.b, and 6.a-6.d;
3. All Section C Ground Water and Surface Water Limitations;
4. Section D Provision Nos. 1.a-1.v, 2.a-2.b, 3.a-3.b, and 4; and
5. All Attachment B Standard Provisions and Reporting for Waste Discharge Requirements.

In lieu of Attachment A, Monitoring and Reporting Program 97-10-DWQ, Hartland Christian Association shall comply with Monitoring and Program Reporting Program R5-2013-0814, which is enclosed.

## **LOCATION**

Hartland Christian Association operates the OWTS at an elevation of 4,400 feet above mean sea level, in Section 5, T15S, R28E, MDB&M. The site lies within the North Fork Kaweah Hydrologic Sub Area of the Upper Kaweah Hydrologic Area in Kaweah River Hydrologic Unit (553.41) of the Tulare Lake Basin. The surface water drainage for this area contributes to the Eshom Creek. Eshom Creek is a perennial eastside stream and tributary of the North Fork of the Kaweah River.

The *Water Quality Control Plan for the Tulare Lake Basin, Second Edition* (hereafter Basin Plan), designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve water quality objectives for all waters of the Basin.

## **DESCRIPTION**

The OWTS consists of three lift stations, fifteen septic tanks, two leach fields, two lined aeration basins, and two evaporation/percolation ponds. The discharge flows to lined aeration basins and then to evaporation/percolation ponds. Leachfields are used in the off-season (November through April). Domestic wastewater is generated from Hartland Christian Camp staff and campers. There are reportedly seasonal daily fluctuations in effluent flow. The design capacity of the OWTS is 26,000 gallons per day, and the peak summer season (May through October) has an average flow of 8,000 to 11,000 gallons per day.

The existing and potential benefits of the Upper Kaweah River are municipal and domestic supply, hydropower generation, water contact recreation, non-contact water recreation, warm fresh water habitat, cold fresh water habitat, wildlife habitat, preservation of rare and endangered species, fish spawning, and fresh water replenishment. The beneficial uses of underlying groundwater are municipal and domestic supply.

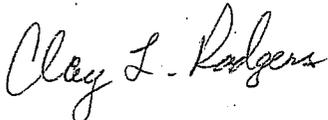
## **FACILITY-SPECIFIC REQUIREMENTS**

In addition to the above requirements, Hartland Christian Association must comply with the following:

1. Discharge of wastewater at a location or in a manner different from that described above is prohibited.
2. Public contact with wastewater from the ponds shall be controlled using fences, signs, and other appropriate means. Signs shall be posted around the ponds. Signs shall notify the public that the ponds contain un-disinfected wastewater.
3. The OWTS shall be operated in accordance with the requirements contained in the General Order.

4. The waste discharge shall not enter surface waters or surface water drainage courses.
5. Hartland Christian Association shall submit the required annual fee (as specified in the annual billing issued by the State Water Resources Control Board), until the NOA is officially terminated.
6. Failure to abide by the conditions of the General Order and this letter authorizing applicability, including its monitoring and reporting requirements, could result in enforcement actions, as authorized by provisions of the Water Code.

If you have any questions regarding this NOA, please contact Dale Harvey at (559) 445-6190.



*for* Pamela C. Creedon  
Executive Officer

Enclosures: Water Quality Order No. 97-10-DWQ  
Monitoring and Reporting Program R5-2013-0814

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2013-0814  
FOR  
HARTLAND CHRISTIAN CAMP  
ONSITE WASTEWATER TREATMENT SYSTEM  
TULARE COUNTY

This Monitoring and Reporting Program (MRP) is required pursuant to California Water Code section 13267.

The Discharger shall not implement any changes to this MRP unless and until the Central Valley Water Board adopts or the Executive Officer issues a revised MRP. Changes to sample locations shall be established with concurrence of Central Valley Water Board staff, and a description of the revised stations shall be submitted for approval by the Executive Officer. All samples shall be representative of the volume and nature of the discharge sampled. All analyses submitted in response to this program shall be performed in accordance with Standard Provision B.1, under *Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems* (General Order).

Specific sample station locations shall be established with concurrence of the Board's staff, and a description of the stations shall be submitted to the Central Valley Water Board and attached to this Program.

**EFFLUENT MONITORING**

The Discharger shall monitor treated effluent at as follows:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Monthly <sup>1</sup>	Flow	mgd	Estimate
Monthly	EC	μ mhos/cm	Grab
Monthly	pH	pH Units	Grab

<sup>1</sup> Estimates of monthly average daily flow to evaporation/percolation ponds and to leachfields.

**POND MONITORING**

The freeboard shall be monitored on the aeration basins and the evaporation/percolation ponds that are in use to the nearest tenth of a foot. Permanent markers shall be placed in the ponds with calibration marks indicating the water level at design capacity and available operational freeboard. Monitoring of ponds in use shall include at least the following:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Monthly	Dissolved Oxygen <sup>1</sup>	mg/L	Grab
Monthly	Freeboard	Feet	Observation

<sup>1</sup> Samples shall be collected from each pond near the outlet and analyzed for dissolved oxygen. Samples shall be collected between 0800 and 0900 hours.

In addition, the Discharger shall inspect the condition of the basins and ponds once per week and write visual observations in a bound log book. Notations shall include observations of whether weeds are developing in the water or along the banks, and their locations; whether dead algae, vegetation, scum, or debris are accumulating on the aeration basins and evaporation/percolation pond surfaces and their location; whether burrowing animals or insects are present; and a description of the color of the ponds (e.g. dark green, dull green, yellow, gray, tan, brown, etc.). A copy of the entries made in the log each month shall be submitted along with the monitoring report of the following month. Where the O&M manual indicates remedial action is necessary, the Discharger shall briefly explain in the report what action has been taken or is scheduled to be completed.

### SEPTIC TANK MONITORING

The septic tanks shall be inspected at least annually, and pumped when appropriate. An inspection is not required during the year a septic tank is pumped. The dates and nature of inspections and maintenance shall be included in the annual report.

### LEACHFIELD MONITORING

When in use, the Discharger shall evaluate the leachfields once per week. Leachfield monitoring will consist of a visual inspection of the leachfields and downslope areas. These areas will be monitored for the presence of surfacing effluent, seepage, objectionable odors, any areas of saturation, and signs of erosion. In conducting the review, a log shall be kept to note the conditions. In addition, the leachfield observation wells will be monitored for the presence of water. If water is observed, then the depth to water will be reported. Leachfield monitoring shall include the following:

<u>Frequency</u>	<u>Constituent/Parameter</u>	<u>Units</u>	<u>Sample Type</u>
Weekly	Depth <sup>1</sup>	Feet	Measurement

<sup>1</sup> Depth shall be measured to the nearest tenth of a foot.

### SPILL MONITORING

All spills or overflows from the aeration basins, evaporation/percolation ponds and/or leachfields, shall be reported to the Board within 24 hours.

### REPORTING

All monitoring results shall be reported in **Quarterly Monitoring Reports** which are due by the first day of the second month after the calendar quarter. Therefore, monitoring reports are due as follows:

First Quarter Monitoring Report:	<b>1 May</b>
Second Quarter Monitoring Report:	<b>1 August</b>
Third Quarter Monitoring Report:	<b>1 November</b>
Fourth Quarter Monitoring Report:	<b>1 February</b>

In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date and the constituents are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Discharger complies with WDRs, including calculations of all averages, etc.

If the Discharger monitors any pollutant more frequently than is required by this Order, the results of such monitoring shall be included in the quarterly report.

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurement(s);
- b. The individual(s) who performed the sampling or measurement(s);
- c. The date(s) analysis was performed;
- d. The individual(s) who performed the analysis;
- e. The analytical techniques or method used; and
- f. The results of such analysis.

The Discharger shall submit an annual report to the Board by 1 February 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 facility into full compliance with the general WDRs.

All reports submitted in response to this program shall comply with the signatory requirements of standard Provision B.2, under *Water Quality Order No. 97-10-DWQ, General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems* (General Order).

At any time henceforth, the State Water Board or Central Valley Water Board may notify the Discharger to electronically submit monitoring reports using the State Water Board's California Integrated Water Quality System (CIWQS) program website at <http://www.waterboards.ca.gov/ciwqs/index.html>. Until such notification is given, the Discharger shall submit hard copy monitoring reports.

Ordered by:

*Clay L. Rodgers*

for PAMELA C. CREEDON, Executive Officer

1/17/2014  
(Date)