
North Coast Regional Water Quality Control Board

California Regional Water Quality Control Board North Coast Region

MONITORING AND REPORTING PROGRAM

Order No. R1-2009-0053

Revised on July 14, 2016

for

Outraged Orangutan, LLC

COUNTY LINE RANCH ON-SITE WASTEWATER TREATMENT SYSTEM WDID No. 1B07051RHUM

Humboldt County

A Report of Waste Discharge (ROWD) General Information Form for Waste Discharge Requirements (Form 200) was received on June 8, 2016, from Outraged Orangutan, LLC (Discharger), for the discharge of a maximum of 10,000 gallons per day of kitchen and food vendor booth wastewater and shower graywater from activities associated with a music festival at the County Line Ranch, in Humboldt County.

Wastewater treatment and disposal systems at the County Line Ranch (Facility) consist of three separate septic tank leachfield systems. System 1 serves the two kitchen areas; the Band kitchen and the Staff kitchen areas. Wastewater for System 1 passes through individual grease interceptors and flows to one of two 1,500 gallon septic tanks. Effluent from the two septic tanks is combined and disposed of at a single leachfield with a designed peak dry-season flow capacity of 7,100 gallons per day (gpd). System 2 serves the food vendor booth area. Wastewater for System 2 passes through a grease interceptor to a 1,500 gpd septic tank. Septic tank effluent flows to a single leachfield with a designed peak dry season flow capacity of 13,234 gpd. System 3 serves the staff shower facilities. Graywater from the showers enters a 1,500 gpd septic tank and then flows to a leachfield with a designed peak dry season flow capacity 9,400 gpd. Temporary portable toilets are used to collect and manage sanitary waste. The purpose of this monitoring program is to

ensure proper maintenance and long term operations of the Facility's onsite wastewater and graywater treatment and disposal systems.

MONITORING

The Discharger shall implement a monitoring and reporting program to document that the discharge is consistent with the complete ROWD or equivalent documentation. The monitoring and reporting program shall be conducted with oversight from a licensed professional engineer or geologist.

A. Water and Wastewater Volumes

Water usage records shall be maintained daily and submitted to the Regional Water Board annually upon termination of festival event activities. Volumes shall be reported in gallons per day, recorded once daily from the first day of usage during preparation for each event through the last day of event clean up. Records shall include;

1. Total gallons of imported potable water;
2. Gallons per day used in the shower systems;
3. Gallons per day used in both staff and band kitchens;
4. Gallons per day used in the food vendor area; and
5. Total gallons of potable water remaining after each festival event.

B. Grease Traps Septic Tanks and Biofilters

All grease traps, septic tanks and Biofilters shall be inspected prior to the start of each event. The following values shall be documented for each observation:

1. Visual condition of grease traps and septic tanks;
2. Solids depth at the bottom of each compartment in each tank;
3. Floating solids, grease, or scum thickness in each compartment of each tank;
4. If the grease is equal to or greater than 50 percent of the tank capacity, it will be removed by a licensed professional hauler prior to the event;
5. Distance between the bottom of the floating layer and the bottom of each outlet baffle;
6. Distance between the top of the solids layer and the bottom of each outlet opening or baffle (whichever is lower);
7. Visual condition of each septic tank effluent filter; and
8. Septic tank effluent filters shall be checked once prior to each event, and replaced or cleaned as necessary.

C. Disposal Field Inspections

The Discharger shall thoroughly inspect each disposal field once prior to and following each facility event and shall note and record any odors, evidence of surfacing wastewater or other signs of malfunction. In addition, the following values shall be documented:

1. The Discharger shall monitor the performance of each disposal field by observing and recording daily during each facility event the liquid levels in all piezometers to an accuracy of 0.1 inches. Piezometers shall be constructed at the time of disposal field construction within the ends of the leaching trenches in each of the disposal fields. The bottom of the piezometers shall be at the same elevation as the bottom of the disposal field trench. The piezometers shall be perforated at an interval that coincides with the depth of the disposal field rock.
2. If the level of effluent in any piezometer is within 15 inches of the ground surface, a licensed septic pumper will be called to pump the septic tank, and any necessary portions of the disposal field so that the effluent never comes within 12 inches of the ground surface.

REPORTING

Final Installation Report

A signed final installation report shall be developed under oversight of a qualified individual¹. The installation report must be submitted by October 14, 2016 and shall include, but is not limited to the following:

1. A scale map of the property showing the surveyed disposal field and piezometer locations;
2. The map shall be accompanied by well logs for set of piezometers;
3. Documentation and description of the system design as constructed, including locations and sizes of lift station pumps and lines of conveyance; and
4. Documentation of any changes to the recommendations contained in the ROWD developed by Winzler and Kelly Engineers and dated January 28, 2009 and amended April 13, 2009 as well as justification for the changes made.

Annual Monitoring Report

No later than November 1 of each year the Discharger shall provide to the Regional Water Board a copy of all observations, maintenance, water level monitoring records,

¹ Credentials required of such individuals shall include, as a minimum, education, training, and experience as geologist, soil scientist, registered civil engineer, or registered environmental health specialist.

water use records, pumping records, and waste hauling receipts associated with activities conducted in accordance with this Order.

In the event that effluent levels in the disposal fields reach 15 inches below ground surface, the system will be deemed inadequate. The annual report shall include recommendations that propose improvements to upgrade the system prior to use during a future event.

Documentation of erosion control measures taken shall be incorporated into the annual monitoring report.

Noncompliance

All instances of noncompliance that may endanger public health or the environment shall be reported orally to the Regional Water Board as soon as possible, but no later than 2 hours from the time the Discharger becomes aware of the circumstances, and a written report shall be submitted such that an original signed written copy is received by the Regional Water Board no later than five days after the event.

Spill Reporting

All instances of noncompliance that may endanger public health or the environment shall be reported orally² to the Regional Water Boards as soon as possible, but no later than 2 hours from the time this Discharger becomes aware of the circumstances, and a written report shall be submitted such that an original signed written copy is received by the Regional Water Board no later than five days after the spill event.

Ordered by _____

Matthias St. John
Executive Officer

July 14, 2016

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² Oral reporting means direct contact with a Regional Water Board staff person. The oral report may be given in person or by telephone. After business hours, oral contact must be made by calling the State Emergency Response Program at (800) 852-7550 and Regional Water Board spill officer at (707) 576-2220.