

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2014-0008

FOR

**PLANT SCIENCES INC.
JUNIPER VILLAGE**

ONSITE WASTEWATER TREATMENT SYSTEM
WDID No. 1A13043RSIS

Siskiyou County

California Water Code section 13267 authorizes the Regional Water Quality Control Board (Regional Water Board) to require technical and monitoring reports. This Monitoring and Reporting Program (MRP) establishes monitoring and reporting requirements, which implement the state regulations. Any person failing to furnish technical or monitoring reports or falsifying any information therein is guilty of a misdemeanor, and may be subject to civil liability. (Water Code Section 13268)

The purpose of this monitoring program is to ensure proper maintenance and long term operations of the domestic waste onsite wastewater treatment system (OWTS).

MONITORING

Plant Sciences Inc., Juniper Village (hereinafter Permittee) shall implement a monitoring and reporting program to document that the discharge of waste is consistent with the complete Report of Waste Discharge (ROWD) or equivalent documentation.

A. Wastewater Volumes

Influent

The volume of domestic wastewater being sent to the treatment units shall be recorded daily. The volume shall be reported as the daily flow, in gallons per day and as the average daily flow based on the calendar month. Volumes shall be reported in the quarterly monitoring report.

Effluent

The volume of effluent discharged to the disposal field shall be recorded daily. The discharge volume shall be reported as the daily flow, in gallons per day and as the average daily flow based on the calendar month. Volumes shall be reported in the quarterly monitoring report.

B. Monitoring

The Permittee shall collect samples prior to discharge to the disposal field. Sample frequency and constituents are listed in Table 1.

Table 1

Constituent/Parameter	Units	Type of Sample	Frequency
Nitrogen, Total as N	mg/L	Grab	Quarterly
Nitrate as N	mg/L	Grab	Quarterly
Biochemical Oxygen Demand	mg/L	Grab	Quarterly

C. Visual Inspections

- a. The Permittee shall provide evidence that a qualified service provider has been retained to provide inspection and maintenance services for the waste water treatment system.
- b. Visual inspections of pretreatment units, filters and leachfields shall take place at a minimum once a month. Results of the inspections including the presence of odors, evidence of surfacing effluent, or other signs of malfunction or improper operation shall be reported in the quarterly monitoring report.
- c. The Permittee shall make inspections on all septic tanks quarterly to record any odors, or other signs of malfunction. Septic tanks shall be pumped when any one of the following conditions exists or may occur before the next inspection:
 1. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or
 2. The scum layer is within three inches of the outlet device; or
 3. The sludge layer is within eight inches of the outlet device.
- d. The Permittee shall record the date and waste hauler information whenever a septic tank is pumped. Receipts from the properly licensed waste hauler shall be submitted in conjunction with quarterly reports whenever a tank pumping occurs.

REPORTING

A. Quarterly Report

For each quarter, a self-monitoring report shall be submitted to the Regional Water Board in accordance with the schedule in Table 2. The report shall be submitted by the first day of the second month following the end of the quarter.

Table 2

Reporting Period	Monitoring Period	Report Due Date
1 st Quarter	January 1 – March 31	May 1 st
2 nd Quarter	April 1 – June 30	August 1 st
3 rd Quarter	July 1- September 30	November 1 st
4 th Quarter	October 1 – December 31	February 1 st

All quarterly reports shall include a transmittal letter. The letter shall include the following information:

- a. Identification of facility: Name, address, Order number, and WDID number;
- b. Date of report and monitoring period;
- c. Identification of all violations of permit conditions found during the monitoring period;
- d. Details of the violations: parameters, magnitude, test results, frequency, and dates;
- e. The cause of the violation;
- f. Discussion of corrective actions taken or planned to resolve violations and prevent recurrence, and dates or time schedule of action implementation;

- g. Other relevant information including, but not limited to, incidents of wastewater treatment and collection system equipment failure, results of visual observations, reports of wastewater spills or overflows, and reports on lift tank and septic tank solids pumping, handling and disposal; and
- h. Authorized signature and certification statement.

B. Annual Report

By February 1st of each year, the Permittee shall submit an Annual Report. The Annual Report shall include an evaluation of the previous year's data, system performance in relation to design capacity, system maintenance and system alterations.

C. Report Submittal

Copies of quarterly monitoring reports and the annual report shall be mailed to:

North Coast Regional Water Quality Control Board
Attn: Mona Dougherty
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

D. Certification

All reports required by this monitoring and reporting program or other information requested by the Regional Water Board or the State Water Resources Control Board shall be signed by the Permittee's principal executive officer or a duly authorized representative of that person. Any person signing a document under this requirement shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Ordered by: _____
Original Signed By
Matthias St. John
Executive Officer
January 27, 2014