

Central Coast Regional Water Quality Control Board
Prosecution Team Evidence
in the matter of
Cease and Desist Order R3-2016-0015
Exhibit 2

**STATE WATER RESOURCES CONTROL BOARD
MONITORING AND REPORTING PROGRAM NO. 97-10-DWQ**

FOR

**GENERAL WASTE DISCHARGE REQUIREMENTS (WDRs)
FOR SMALL DOMESTIC WASTE SYSTEMS**

**Revised for Centrally Grown, Inc.
January 22, 2013**

This Monitoring and Reporting Program establishes the minimum monitoring requirements for this discharge, and is necessary to evaluate compliance with the General Waste Discharge Requirements, and to document the proper operation and maintenance of the facility. The Discharger shall conduct any additional monitoring that may be necessary for the proper operation and maintenance of the wastewater collection, treatment, and disposal system, as may be described in the system's design or in the applicable Operations and Maintenance Plan.

Subsurface Tank Monitoring

Subsurface tanks shall be inspected and pumped as described below. An inspection is not required during the year a septic tank is pumped.

Parameter	Units	Type of Measurement	Minimum Inspection Frequency
Sludge depth and scum thickness in each compartment of each septic tank	Inches	Staff Gauge	Quarterly
Distance between bottom of scum layer and bottom of outlet device	Inches	Staff Gauge	Quarterly
Distance between top of sludge layer and bottom of outlet device	Inches	Staff Gauge	Quarterly

Septic tanks shall be pumped when any one of the following conditions exist or may occur before the next inspection:

- a. The combined thickness of sludge and scum exceeds one-third of the tank depth of the first compartment; or,
- b. The scum layer is within four inches of the bottom of the outlet device; or,
- c. The sludge layer is within eight inches of the outlet device.

In lieu of septic tank measuring, the septic tank may be pumped annually.

Wastewater Treatment System Monitoring

Influent Monitoring

Parameter	Units	Type of Sample	Sampling Frequency
Total Suspended Solids (TSS)	mg/L	Grab	Monthly ¹
Biological Oxygen Demand (BOD)	mg/L	Grab	Monthly ¹
Ammonia as Nitrogen	mg/L	Grab	Monthly ¹
Nitrate as Nitrogen	mg/L	Grab	Monthly ¹
Total Kjeldahl Nitrogen	mg/L	Grab	Monthly ¹
Total Nitrogen	mg/L	Grab	Monthly ¹
pH	--	Grab	Monthly ¹
Oil and Grease	mg/L	Grab	Monthly ¹

Effluent Monitoring

Parameter	Units	Type of Sample	Sampling Frequency
Flowrate to drip dispersal system	gpd	Metered	Daily
Total Suspended Solids (TSS)	mg/L	Grab	Monthly ¹
Biological Oxygen Demand (CBOD) ²	mg/L	Grab	Monthly ¹
Ammonia (as Nitrogen)	mg/L	Grab	Monthly ¹
Nitrate (as Nitrogen)	mg/L	Grab	Monthly ¹
Total Kjeldahl Nitrogen (as Nitrogen)	mg/L	Grab	Monthly ¹
Total Nitrogen	mg/L	Grab	Monthly ¹
pH	mg/L	Grab	Monthly ¹
Oil and Grease	mg/L	Grab	Monthly ¹

1 – Monthly sampling shall occur for the first six-months after new treatment plant start-up. Sampling frequency shall reduce to **annual** once the treatment plant demonstrates consistent achievement of the Orenco Advantex AX100 Design Criteria for Target Effluent BOD of 30 mg/L, Target Effluent TSS of 30mg/L, and Total Ammonia reduction of 50 to 60% at the end of the six-month screening period.

2 - The effluent BOD samples should be treated with a nitrification inhibitor (TCMP) prior to performing the tests and the test results should be reported as CBOD to denote that an inhibitor was used.

Effluent sampling shall be conducted concurrently with influent monitoring. The total average daily flow shall be calculated on a monthly basis. Time of collection of grab samples shall be recorded.

Disposal Area Monitoring

The Discharger shall inspect disposal areas at least monthly for surfacing effluent, saturated surface areas, and odors. Evidence of any condition of this nature shall be reported to the Executive Officer within 24 hours of being discovered, promptly investigated, and remedied. A record shall be kept of the dates and nature of observations and remedies or alternation of leachfields and drip irrigation systems. Submit these records with semi-annual monitoring reports.

Reporting

The Discharger shall submit monitoring reports under an appropriate monitoring report transmittal form, as designated by the Executive Officer.

Quarterly monitoring reports shall be submitted as follows:

Monitoring Period	Report Due Date
1 st Quarterly period (January – March)	April 15 th
2 nd Quarterly period (April – June)	July 15 th
3 rd Quarterly period (July – September)	October 15 th
4 th Quarterly period (October – December)	January 15 th

The Discharger shall submit an **annual report** to the appropriate Regional Board by January 15th of each year. The Discharger may submit annual reports under the same monitoring transmittal form as the 4th quarterly report (please indicate both reports on the cover form). The report shall contain written and electronic versions of both tabular and graphical summaries of the monitoring data obtained during the previous calendar 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 general WDRs.

The Discharger shall determine and report removal efficiencies (%) for Biochemical Oxygen Demand (BOD₅) and Total Suspended Solids.

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 whether the discharge complies with WDRs.

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 were performed;
- d. The individual(s) who performed the analysis;
- e. The analytical techniques or method used; and
- f. The results of such analysis.

If the discharger monitors any pollutant at the locations designated herein more frequently than is required by this Order, the results of such monitoring shall be included in the calculation and reporting of the values required in the discharge monitoring report form. Such increased frequency shall be indicated on the discharge monitoring report form.

Some RWQCBs are implementing electronic submittal of monitoring reports. If this is of interest to you, please contact the appropriate RWQCB for more information.

All reports submitted in response to these general WDRs shall comply with the signatory requirements of Standard Provision B.2.

The discharger shall implement the above monitoring program on the first day of the month following the effective date of coverage under these general WDRs, unless otherwise noted by the Executive Officer.


cn=Harvey C. Packard,
o=Central Coast Regional
Water Quality Control Board,
ou,
email=hpackard@waterboard
s.ca.gov, c=US
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for Kenneth A. Harris Jr.
Interim Executive Officer

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