

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL VALLEY REGION

MONITORING AND REPORTING PROGRAM NO. R5-2007-0824

FOR  
QUALITY PACKING AND SHIPPING COMPANY, INC.  
BOZZANO OLIVE RANCH  
SAN JOAQUIN COUNTY

This monitoring and reporting program (MRP) incorporates requirements for monitoring of wastewater, land application areas, and solid waste. This MRP replaces MRP No. R5-2003-0106 and is issued pursuant to Water Code Section 13267. The Discharger shall not implement any changes to this MRP unless and until a revised MRP is issued by the Executive Officer.

Section 13267 of the California Water Code states, in part:

*In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.*

Section 13268 of the California Water Code states, in part:

*(a) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying and information provided therein, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).*

*(b)(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.*

In order to ensure that staff has sufficient information to determine whether enforcement action is appropriate, and to ensure compliance with applicable laws and regulations, Bozzano Olive Ranch is hereby directed to submit the following reports. This request is made pursuant to Section 13267 of the California Water Code. Bozzano Olive Ranch (a division of Quality Packing and Shipping Company, Inc.) owns and operates the facility cited herein and is responsible for all waste generated at the facility.

Wastewater monitoring and reporting is required in months when the facility is actively processing olives, processing olive oil, or performing sanitation activities prior to or after processing.

### INFLUENT MONITORING

Wastewater flow monitoring shall be conducted continuously using a flow meter or measurement of wastewater in storage tank(s) and shall be reported in cumulative gallons per day. Monitoring shall include at least the following:

| <u>Constituents</u>                     | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|---|--------------|-----------------------|---------------------------|----------------------------|
| Volume of Olive Rinse Wastewater        | gallons      | Continuous            | Totalizer <sup>1</sup>    | Monthly                    |
| Volume of Routine Sanitation Wastewater | gallons      | Continuous            | Totalizer <sup>1</sup>    | Monthly                    |
| Volume of Sanitation Wastewater         | gallons      | Continuous            | Totalizer <sup>1</sup>    | Monthly                    |

<sup>1</sup> Continuous monitoring requires daily volume estimates, automated data collection using a meter equipped with a totalizer, or other acceptable method described and approved in advance.

### EFFLUENT MONITORING

Effluent samples shall be collected from the storage tank and effluent monitoring shall include at least the following:

| <u>Constituents</u>       | <u>Units</u> | <u>Type of Sample</u> | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|---------------------------|--------------|-----------------------|---------------------------|----------------------------|
| Biochemical Oxygen Demand | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| Total Dissolved Solids    | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| Fixed Dissolved Solids    | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| Total Nitrogen            | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| pH                        | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| Sodium                    | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |
| Chloride                  | mg/L         | Grab                  | Monthly <sup>1</sup>      | Monthly <sup>1</sup>       |

<sup>1</sup> Wastewater monitoring and reporting is required in months when the facility is actively processing olives, processing olive oil, or performing sanitation activities prior to or after processing.

### SANITATION WASTEWATER DISPOSAL MONITORING

The Discharger shall record and report monthly the quantity, storage location, disposal location, and method of disposal of sanitation wastewater. If sanitation wastewater is disposed offsite, then the amount and location of the disposal shall be reported in the monthly report and the hauler shall be identified. Documentation from the accepting wastewater facility shall be included in the report.

### LAND APPLICATION AREA MONITORING

The Discharger shall monitor wastewater applied to the land application area. Monitoring shall be conducted **daily during operation** and the results shall be included in the monthly monitoring report. Evidence of erosion, field saturation, runoff, or the presence of nuisance conditions shall be noted in the report. Monitoring of the land application areas shall include the following:

| <u>Constituent</u>             | <u>Units</u> | <u>Type of Sample</u>   | <u>Sampling Frequency</u> | <u>Reporting Frequency</u> |
|--------------------------------|--------------|-------------------------|---------------------------|----------------------------|
| Wastewater Flow <sup>1,2</sup> | Gallons      | Continuous <sup>1</sup> | Daily                     | Monthly                    |
| Local Rainfall                 | Inches       | Measurement             | Daily                     | Monthly                    |
| Acreage Applied <sup>3</sup>   | Acres        | Calculated              | Daily                     | Monthly                    |
| Application Rate               | gal/acre·day | Calculated              | Daily                     | Monthly                    |

<sup>1</sup> Continuous monitoring requires daily volume estimates, automated data collection using a meter equipped with a totalizer, or other acceptable method described and approved in advance.

<sup>2</sup> Only olive rinse water and routine sanitation wastewater may be applied to land. All sanitation wastewater must be hauled to an appropriate facility.

<sup>3</sup> Land Application Area(s) in use shall be identified by name or number and the acreage provided. If a portion of an area is used, then the acreage shall be estimated.

At least **once per month** when wastewater is being applied to the land application areas, the entire application area shall be inspected to identify any equipment malfunction or other circumstance that might allow irrigation runoff to leave the area and/or create ponding conditions. If wastewater was not applied to the land application area, then the monthly monitoring reports shall so state.

### SOLIDS DISPOSAL MONITORING

The Discharger shall record and report monthly the quantity, disposal location, and method of disposal of solids generated of during the processing season. If solid waste is shipped offsite, then an estimated amount and location of disposal shall be reported in the monthly report and the hauler identified.

The storage of any olive pomace shall be described. The description shall include the material stored, approximate amount, location of storage, and measures implemented to prevent leachate generation or control and dispose of any leachate that is generated.

### REPORTING

In reporting monitoring data, the Discharger shall arrange the data in tabular form so that the date and result for each parameter are readily discernible. The results of any monitoring done more frequently than required at the locations specified in the Monitoring and Reporting Program shall be reported in the next scheduled monitoring report.

## **A. Monthly Monitoring Reports**

Monthly reports shall be submitted to the Regional Board by the **1<sup>st</sup> day of the second month** following the end of the reporting period (i.e. the January monthly report is due by 1 March). Wastewater monitoring is required in months when the facility is actively processing olives, processing olive oil, or performing sanitation activities prior to or after processing. Monthly reports are not required the remainder of the year. The monthly reports shall include the following:

1. Results of influent, effluent, sanitation wastewater disposal, land application area, and solids monitoring;
2. The monthly and cumulative volume of wastewater generated during the year to date;
3. The volume of "sanitation wastewater" generated, how it was stored and where it was discharged.
4. The final report for the processing season shall state that the processing season is over for the year.

## **B. Annual Report**

Each Discharger granted coverage under the Small Food Processor Waiver shall submit an annual monitoring report no later than **1 February** of each year. The report shall describe activities during the previous calendar year, and shall contain the following information:

1. A statement of whether wastewater was applied to land, whether wastewater was stored on-site and hauled off-site, whether solid waste was applied to land, and whether solid waste was disposed of off-site.
2. If wastewater was applied to land, then provide:
  - a. The dates that processing occurred, and a data table showing the monthly process wastewater flow measurements and the total gallons of wastewater produced during the calendar year.
  - b. For all types of food processors: (1) the number of acres to which wastewater was applied, (2) the approximate dates of discharge, (3) the crop(s) grown, (4) a description of how wastewater was applied evenly over the entire acreage and how it was kept out of surface waters, (5) whether nuisance odors were prevented, and (6) how the wastewater was stored so that it was not applied to land during periods of precipitation or when the ground is saturated.
3. If wastewater was stored on-site and then taken off-site for disposal, provide:
  - a. Copies of receipts from the licensed septic hauler or disposal facility.

- b. The results of a monthly inspection of the condition of the storage tank(s). The inspection shall focus on the potential for leakage from the tank(s).
4. If wastewater was both applied to land and hauled off-site for disposal, then provide:
- a. The information required in Numbers 2a, 2b, 3a, and 3b (above).
  - b. A data table showing the total monthly process wastewater flow measurements, broken down by the monthly flows to land and monthly flows to the storage tank(s).
5. If solid waste was applied to land, provide:
- a. An estimation of the amount of solid waste generated and where it was stored.
  - b. The amount of solid waste disposed of on-site and the amount of solid waste removed for disposal off-site.
  - c. The location of disposal, acreage, and cropping pattern.
6. If solid waste was taken off-site for disposal, provide copies of receipts from the licensed hauler or disposal facility.

A letter transmitting the self-monitoring reports shall accompany each report. Such a letter shall include a discussion of requirement violations found during the reporting period, and actions taken or planned for correcting noted violations, such as operation or facility modifications. If the discharger has previously submitted a report describing corrective actions and/or a time schedule for implementing the corrective actions, reference to the previous correspondence will be satisfactory. The transmittal letter shall contain a statement by the discharger, or the discharger's authorized agent, under penalty of perjury, that to the best of the signer's knowledge the report is true, accurate and complete.

The Discharger shall implement the above monitoring program as of the date of this Order.

Original signed by

Ordered by: \_\_\_\_\_  
PAMELA C. CREEDON, Executive Officer

\_\_\_\_\_  
2 October 2007  
(Date)

TRO: 9/25/07