

MONITORING AND REPORTING PROGRAM NO. R3-2004-0066

for

DISCHARGES ENROLLED UNDER  
GENERAL WASTE DISCHARGE REQUIREMENTS  
FOR DISCHARGES OF FRUIT AND VEGETABLE PROCESSING WASTE  
CENTRAL COAST REGION

Revised for Christopher Ranch, Santa Clara County  
March 23, 2007

Christopher Ranch (Discharger) is regulated by the General WDRs for Discharges of Fruit and Vegetable Processing Waste and is subject to the following monitoring and reporting requirements, unless the Executive Officer modifies, adds to, or waives requirements.

**WATER SUPPLY MONITORING**

The Discharger shall collect representative water supply samples as follows:

Constituent	Units	Sample Type	Minimum Frequency of Sampling and Analysis
Total Dissolved Solids	mg/L	Grab	April, October
Chloride	mg/L	Grab	April, October
Sodium	mg/L	Grab	April, October
Boron	mg/L	Grab	April, October
Sulfate	mg/L	Grab	April, October
Nitrate (as N)	mg/L	Grab	April, October

**PRODUCTION MONITORING**

Production shall be reported as follows:

Parameter	Units	Sample Type	Reporting Frequency
Start and End of Processing Season	Dates	--	Annually (January)
Fruits and/or Vegetables Processed	Tons/year	Measured	Annually (January)

**CHEMICAL USAGE MONITORING**

A summary of volumes and types of any chemicals used at the Facility shall be included with each monitoring report.

Item No. 15 Attachment 3  
March 23, 2007 Meeting  
Rescission of WDR Order 91-69  
Christopher Ranch

**EFFLUENT MONITORING**

Representative samples of effluent from the treatment system, just before disposal, before the treated wastewater is blended with any other water source, shall be collected and analyzed as follows:

Constituent	Units	Sample Type	Minimum Frequency of Sampling and Analysis
Flow	gpd	Metered	Daily
Peak Daily Flow	gpd	Calculated	Monthly
Avg. Daily Flow	gpd	Calculated	Monthly
pH	pH units	Grab	Monthly
Total Dissolved Solids	mg/L	Grab	Monthly
Chloride	mg/L	Grab	Monthly
Sodium	mg/L	Grab	Monthly
Boron	mg/L	Grab	Monthly
Sulfate	mg/L	Grab	Monthly
Nitrate (as N)	mg/L	Grab	Monthly
Total Kjeldahl Nitrogen	mg/L	Grab	Monthly
Priority Pollutants (Inorganics) <sup>1</sup>	mg/L	Grab	June
Dischargers who use any form of chlorine for cleaning and/or disinfection shall analyze effluent samples for the following:			
Total Trihalomethanes <sup>2</sup>	mg/L	Grab	June
Total Haloacetic Acids <sup>3</sup>	mg/L	Grab	June

**Notes:**

1. Includes the following: antimony, arsenic, beryllium, cadmium, chromium III, chromium VI, copper, cyanide, lead, mercury, nickel, selenium, silver, thallium, zinc.
2. Includes the following: chloroform, bromodichloromethane, dibromochloromethane, and bromoform.
3. Includes the following: monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid.

**DISPOSAL AREA MONITORING**

The Discharger shall inspect and document the condition of fruit and vegetable processing wastewater disposal areas weekly during operation. Subsurface disposal areas should have a regular rotation to prevent clogging and surfacing of effluent. Notations shall be made in a bound log book and shall include observations of excessive ponding and soil clogging in spreading basins, evidence of erosion, field saturation, runoff, odors, insects, or other potential nuisance conditions that may be present. Any problems shall be promptly corrected. A record shall be kept of the dates and nature of observations and corrective actions taken. A summary of the entries made in the log shall be submitted with each monitoring report. The following information regarding irrigation management at the disposal area shall also be recorded weekly and submitted with each monitoring report:

- Inches of precipitation.
- Irrigated areas.
- Daily average acreage applied (acres).
- Daily average application rate (gal/acre/day)
- Total nitrogen loading rate as a monthly average (lbs/acre/day)

## GROUNDWATER MONITORING

The Discharger shall collect samples from at least three representative monitoring wells, one upgradient and two downgradient of the disposal area, and analyze them as follows:

Constituent	Units	Sample Type	Minimum Frequency of Sampling and Analysis
Depth to groundwater	Feet	Measured	April, October
pH	pH units	Grab	April, October
Total Dissolved Solids	mg/L	Grab	April, October
Chloride	mg/L	Grab	April, October
Sodium	mg/L	Grab	April, October
Boron	mg/L	Grab	April, October
Sulfate	mg/L	Grab	April, October
Nitrate (as N)	mg/L	Grab	Jan, Apr, Jun, Oct
Total Kjeldahl Nitrogen	mg/L	Grab	Jan, Apr, Jun, Oct
Calcium	mg/L	Grab	April, October
Magnesium	mg/L	Grab	April, October

## SAMPLING AND ANALYSIS PROVISIONS

The Discharger shall:

1. Perform all sampling, sample preservation, and analysis in accordance with the latest edition of 40 CFR Part 136 *Guidelines Establishing Test Procedures for the Analysis of Pollutants*.
2. Obtain representative samples at regular intervals.
3. Ensure all analyses are conducted at a laboratory certified by the State Department of Health Services.
4. Report all method detection limits (MDLs) and practical quantitation levels (PQLs).
5. Maintain and calibrate all monitoring instruments and devices.

## REPORTING PROVISIONS

The Discharger shall:

1. Submit monitoring reports to the Regional Board semiannually, by **January 30<sup>th</sup>** and **July 30<sup>th</sup>** of each year. Monitoring reports shall contain all monitoring data obtained during the previous six months. The report shall discuss the compliance record and corrective actions taken, or which may be needed, to bring the discharge into compliance with the General WDRs.
2. Tabulate monitoring data to show whether the discharge complies with effluent limitations.
3. Submit monitoring data and the monitoring reports electronically upon request. Electronic data should be formatted into a Microsoft Excel or equivalent spreadsheet. Electronic report templates are available by contacting Regional Board staff at (805) 549-3147. Electronic submittal should be provided on either 3.5-inch disk or optical compact disk. Electronic data storage media should be labeled with facility name and period of monitoring.
4. Include the results of more frequent monitoring than required by this monitoring program in monitoring reports.
5. Sign and certify all monitoring reports in accordance with Section E.10 and 11 of the General Order.
6. Deliver a copy of each monitoring report to the Central Coast Water Board at the following address:

895 Aerovista Place, Suite 101  
San Luis Obispo, CA 93401

7. Ensure records of all monitoring information are maintained and accessible for a period of at least five years from the date of the sample.  
Records of monitoring information shall include:
- a. The date, place, and time of sampling or measurements;
  - b. The person(s) who performed the sampling, and/or measurements;
  - c. The date(s) of analyses;
  - d. The person(s) who performed the analyses;
  - e. The analytical methods used;
  - f. All analytical results;
  - g. All monitoring equipment calibration and maintenance records.
8. Immediately report any non-compliance potentially endangering public health or the water quality to the Regional Board (805/549-3147) and any additional appropriate agency. Information shall be provided orally within 24 hours from the time the Discharger becomes aware of the non-compliance. A written report shall also be submitted to the Executive Officer within five (5) days of the time the Discharger becomes aware of the non-compliance. The written report shall contain (1) a description of the non-compliance and its cause; (2) the period of non-compliance, including dates and times, and if the non-compliance has not been corrected, the anticipated date of correction; and (3) actions taken or planned to reduce, eliminate, and prevent reoccurrence of the non-compliance.
9. Report all instances of non-compliance not reported under Reporting Provision No. 8 at the time monitoring reports are submitted along with the information required in Reporting Provision No.8.

Ordered By \_\_\_\_\_

Roger W. Briggs  
Executive Officer

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Date