

Attachment B

PROPOSED MONITORING AND REPORTING PROGRAM

[This document is similar to the document in Attachment A, except that extraneous annotations have been removed. This document represents staff's recommended monitoring and reporting program for the discharger]

Attachment B

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

Dischargers regulated by the General WDRs for Discharges of Fruit and Vegetable Processing Waste are subject to the following monitoring and reporting requirements, unless such requirements are modified or waived by the Executive Officer. Additional requirements may be added by the Executive Officer, as needed to adequately ensure compliance with the General WDRs.

WATER SUPPLY MONITORING

Representative samples of the Facility's water supply shall be collected and analyzed as follows:

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

PRODUCTION MONITORING

Facility production shall be reported as follows:

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

CHEMICAL USAGE MONITORING

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

POND MONITORING

Representative samples of wastewater contained in each pond shall be collected and analyzed as follows:

Constituent	Units	Sample Type	Minimum Frequency of Sampling and Analysis
Freeboard	ft	Measured	Weekly
pH	pH units	Grab	"
Dissolved Oxygen	mg/L	Grab	"

If three months of weekly monitoring indicates no dissolved oxygen, pH or freeboard violations, staff proposes to reduce monitoring frequencies to quarterly.

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EFFLUENT MONITORING

Representative samples of effluent from the treatment system, immediately prior to 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	--	Grab	Quarterly ¹
Biochemical Oxygen Demand (BOD ₅)	mg/L	"	Quarterly
Fixed Dissolved Solids	mg/L	"	"
Chloride	mg/L	"	"
Sodium	mg/L	"	"
Boron	mg/L	"	"
Sulfate	mg/L	"	"
Nitrite (as N)	mg/L	"	"
Nitrate (as N)	mg/L	"	"
Total Kjeldahl Nitrogen (as N)	mg/L	"	"
Total Nitrogen	mg/L	"	"
Priority Pollutants (Inorganics) ²	mg/L	"	"
Total Trihalomethanes ³	mg/L	"	"
Total Haloacetic Acids ⁴	mg/L	"	"

Effluent Monitoring Notes:

1. Quarterly effluent monitoring shall occur in March, June, September, and December.
2. Includes the following: antimony, arsenic, beryllium, cadmium, chromium III, chromium VI, copper, cyanide, lead, mercury, nickel, selenium, silver, thallium, zinc.
3. Includes the following: chloroform, bromodichloromethane, dibromochloromethane, and bromoform. If one year of quarterly monitoring indicates no THMs, staff proposes to reduce THM and HAA monitoring frequency to semi-annually.
4. Includes the following: monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid. If one year of quarterly monitoring indicates no HAAs, staff proposes to reduce HAA monitoring frequency to semi-annually.

DISPOSAL AREA MONITORING

The Discharger shall inspect and document the condition of fruit and vegetable processing wastewater disposal areas once daily 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 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. The following information regarding irrigation management at the disposal area shall also be recorded daily made available for inspection by Water Board staff:

- Inches of precipitation.
- Irrigated areas.
- Daily acreage applied (acres).
- Daily application rate (gal/acre/day)

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SOLID WASTE DISPOSAL MONITORING

A summary of estimated volumes and disposal locations of screenings, sludge, and solids shall be included with each monitoring report.

GROUNDWATER MONITORING

The Discharger shall submit a groundwater monitoring proposal by December 01, 2014.

SAMPLING AND ANALYSIS PROVISIONS

1. All sampling, sample preservation, and analysis shall be performed in accordance with the latest edition of 40 CFR Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants". The Executive Officer may specify test methods that are more sensitive than those specified in 40 CFR Part 136.
2. Periodic samples shall be taken at regular intervals and be representative of the monitored activity. For example, where quarterly samples are required, samples shall be collected on a representative day of March, June, September, and December of each year.
3. All analytical services shall be conducted at a laboratory certified for such analyses by the State Department of Health, or at a laboratory approved by the Executive Officer.
4. All analytical data shall be reported with method detection limits (MDLs) and with identification of either practical quantitation levels (PQLs) or limits of quantitation (LOQs).
5. All monitoring instruments and devices used by the discharger to fulfill this Monitoring and Reporting Program shall be properly maintained and calibrated, as necessary to ensure their continued accuracy.

REPORTING PROVISIONS

1. Monitoring reports shall be submitted to the Regional Board semiannually, **by January 30th and July 30th of each year**. Monitoring reports shall contain all monitoring data obtained during the previous six months (eg., monitoring reports due July 30th shall include sampling events occurring from January through June). The report shall discuss the compliance record and corrective actions taken, or which may be needed, to bring the discharge into full compliance with the General WDRs. Monitoring reports may be required more frequently as deemed necessary by the Executive Officer, based on review of the NOI and site and facility specific information.
2. Monitoring data shall be arranged in tabular format so that the date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to clearly illustrate whether the discharge complies with effluent limitations.
3. The Discharger shall also 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. If the Discharger monitors any pollutant or parameter more frequently than is required by this monitoring program, the results of such monitoring shall be included in the monitoring reports (i.e., quarterly groundwater elevation, etc.).

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5. All monitoring reports shall be signed and certified in accordance with Section E.10 and 11 of the General WDRs.

6. The Discharger shall deliver a copy of each monitoring report in the appropriate format to the Central Coast Regional Water Quality Control Board at the following address:

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

7. The Discharger shall ensure that records of all monitoring information are maintained and accessible for a period of at least five years from the date of the sample. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge or by the of the Executive Officer. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The individual(s) who performed the sampling, and/or measurements;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or methods used;
 - f. All sampling and analytical results;
 - g. All monitoring equipment calibration and maintenance records.

8. The Discharger shall immediately report any non-compliance potentially endangering public health or the environment to the Regional Board (805/549-3147) and any additional appropriate agency. Any information shall be provided orally within 24 hours from the time the Discharger becomes aware of the circumstances. A written report shall also be submitted to the Executive Officer within five (5) days of the time the Discharger becomes aware of the circumstances. 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 time it is expected to continue; and (3) steps taken or planned to reduce, eliminate, and prevent reoccurrence of the non-compliance.

9. The Discharger shall 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 _____
Kenneth A. Harris Jr.
Executive Officer

Date