

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

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**REVISED MONITORING AND REPORTING PROGRAM NO. CI-5372
FOR
SATICOY FOODS CORPORATION
(FILE NO. 67-089)**

This Revised Monitoring and Reporting Program (MRP) No. CI-5372 is issued pursuant to California Water Code section 13267, which authorizes the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) to require The Saticoy Foods Corporation (hereinafter Discharger) to submit technical and monitoring reports. The reports required herein are necessary to assure compliance with Waste Discharge Requirements (WDRs) Order No. R4-2016-XXXX and to protect the waters of the state and their beneficial uses. The evidence that supports the need for the reports is set forth in the WDRs and the Regional Board Record.

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this Monitoring and Reporting Program on the effective date of Los Angeles Regional Water Quality Control Board (Regional Board) Order No. R4-2016-XXXX. The first monitoring report for July to September 2016 under this Program is due by October 30, 2016.

Monitoring reports shall be received by the Regional Board by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 30
April - June	July 31
July - September	October 31
October – December	January 31

- B. If there is no discharge during any reporting period, the report shall so state.
- C. By January 31st of each year, beginning January 31, 2017, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain 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 waste discharge requirements.
- D. Laboratory analyses – all chemical, bacteriological, and/or toxicity analyses shall be conducted at a laboratory certified for such analyses by the State Water Resources Control Board, Division of Drinking Water (SWRCB-DDW) Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory

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certifications shall be provided each time a new analysis is used and/or renewal is obtained from ELAP.

- E. The monitoring report shall specify the United States Environmental Protection Agency (USEPA) analytical method used, the Method Detection Limit (MDL) and the Minimum Level (ML) for each pollutant. For the purpose of reporting compliance with numerical limitations, and receiving water limitations, analytical data shall be reported by one of the following methods, as appropriate:
1. An actual numerical value for sample results greater than or equal to the ML;
 2. "Detected, but Not Quantified (DNQ)" for sample results greater than or equal to the laboratory's MDL but less than the ML; or,
 3. "Not Detected (ND)" for sample results less than the laboratory's MDL with the MDL indicated for the analytical method used.

The minimum levels are those published by the State Water Resources Control Board in the *Policy for the Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California, February 24, 2005*.

- F. The method limits employed for analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular method limit is not attainable and obtains approval for a higher method limit from the Executive Officer. At least once a year, the Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory quality assurance/quality control (QA/QC) procedures.
- G. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. All QA/QC samples must be run on the same dates when samples were actually analyzed. At least once a year, the Discharger shall maintain and update a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff. Proper chain-of-custody procedures must be followed and a copy of the chain-of-custody documentation shall be submitted with the report.
- H. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the SWRCB-DDW ELAP, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the completed chain of custody form shall be submitted with the report.
- I. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s) and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.

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- J. The Discharger shall maintain all sampling and analytical results, including strip charts, date, exact place, and time of sampling, dates analyses were performed, analyst's name, analytical techniques used, and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- K. 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 to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- L. Any mitigation/remedial activity, including any pre- or post-discharge treatment conducted at the facility, must be reported in the quarterly monitoring report.
- M. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with Waste Discharge Requirements (WDRs). This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.

II. ONSITE WATER SUPPLY WELLS MONITORING REQUIREMENTS

Discharger shall provide the water supply quality data for the constituents listed in the table below, on a quarterly base:

Constituent	Units ¹	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	quarterly
Nitrite as Nitrogen	mg/L	grab	quarterly
Nitrate as Nitrogen	mg/L	grab	quarterly
Total Nitrogen ²	mg/L	grab	quarterly
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Total dissolved solids (TDS)	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly

¹mg/L= milligrams per liter; MPN/100mL = most probable number per 100 milliliters

²Total nitrogen = nitrate-N + nitrite-N + ammonia-N + Organic Nitrogen

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III. PROCESS EFFLUENT MONITORING REQUIREMENTS

Effluent sampling stations shall be established for the Saticoy Foods Corporation at locations where representative samples of treated wastewater can be obtained prior to discharge by spray irrigation. Treated wastewater samples may be obtained at a single station, provided that station is representative of the quality at all discharge points. Each sampling station for the Saticoy Foods Corporation shall be identified and approved by the Executive Officer prior to its use.

The following shall constitute the effluent monitoring program for Saticoy Foods Corporation from August to December, or whenever there is any processing wastewater discharged:

Constituent	Units ²	Type of Sample	Minimum Frequency of Analysis
Total Flow ¹	gallon/day	recorder	continuous
pH	pH units	grab	weekly
BOD ₅ @20°C	Pounds per acre per day (lb/acre/day)	grab	weekly
Nitrite as Nitrogen	mg/L	grab	weekly
Nitrate as Nitrogen	mg/L	grab	weekly
Ammonia as Nitrogen	mg/L	grab	weekly
Organic Nitrogen	mg/L	grab	weekly
Total Nitrogen ³	mg/L	grab	weekly
Total coliform	MPN/100mL	grab	monthly ⁴
Fecal coliform	MPN/100mL	grab	monthly ⁴
Surfactants	mg/L	grab	monthly ⁴
Fixed dissolved solids (FDS)	mg/L	grab	monthly ⁴
Total dissolved solids (TDS)	mg/L	grab	monthly ⁴
Sulfate	mg/L	grab	monthly ⁴
Chloride	mg/L	grab	monthly ⁴
Boron	mg/L	grab	monthly ⁴

¹For those constituents that are continuously monitored, the Discharger shall report the minimum, maximum, and daily average values.

²mg/L= milligrams per liter; MPN/100mL = most probable number per 100 milliliters

³Total nitrogen = nitrate-N + nitrite-N + ammonia-N + Organic Nitrogen

⁴If the monitoring test results exceed the effluent limitations, the monitoring frequency shall be weekly, for at least four consecutive weeks, to demonstrate compliance with effluent limitations in which case the monitoring frequency can revert to monthly.

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IV. ONSITE WASTEWATER TREATMENT SYSTEMS (OWTSs) MONITORING REQUIREMENTS

An upgrade plan for OWTS upgrade in order to comply with effluent limits shall be submitted by September 1, 2016.

The quarterly reports shall contain the following information:

1. Average and maximum daily waste flow and average water usage rate for each month of the quarter, in gallons per day.
2. Estimated population served during each month of the reporting period.
3. Results of daily observations in the disposal area for any overflow or surfacing of wastes.

In addition, the Discharger shall annually submit an operation and maintenance report on the OWTSs. The information to be contained in the report shall include, at a minimum, the following:

1. The name and address of the person or company responsible for the operation and maintenance of the facility;
2. Type of maintenance (preventive or corrective action performed);
3. Frequency of maintenance, if preventive;
4. Periodic pumping out of the septic tank; and
5. Maintenance records of the OWTSs.

V. LAND APPLICATION AREA MONITORING

Application of wastewater to the land application areas shall be monitored to prevent overloading the area with wastewater constituents, which can cause objectionable odors and/or groundwater degradation. For each application site, the following parameters shall be calculated and reported in the monthly monitoring reports:

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Constituent	Units ¹	Type of Sample	Minimum Frequency of Analysis
Application Area	acres	Measured	monthly
Rainfall	inches	Measurement	monthly
BOD ₅ @20°C Loading Rate	lb/acre/day	Calculated ²	monthly
Total Nitrogen Loading Rate	lb/acre/month	Calculated ³	monthly
Runoff	Visual inspection	Observation	monthly
Wastewater Loading Rate ⁴	gpd and in/d	Calculated	monthly
Precipitation Loading Rate	in/d	Calculated	monthly
Evaporation Loading Rate ⁵	in/d	Calculated	monthly
Total hydraulic Loading ⁶	in/d and in/hr	Calculated	monthly
TDS Loading Rate ⁷	lb/acre/year	Calculated	yearly
FDS Loading Rate ⁷	lb/acre/year	Calculated	yearly

¹lb/acre/day = pounds per acre per day; gpd = gallons per day; in/d = inches per day; in/hr = inches per hour; lb/acre/year = pounds per acre per year

²BOD₅@20°C loading shall be calculated using the daily applied volume of wastewater, estimated daily application area, and the most recent results of effluent BOD₅@20°C.

³Total nitrogen loading rates shall be calculated using the daily applied volume of wastewater, estimated daily application area, and the most recent results of total nitrogen (sum of Nitrate as Nitrogen and Total Kjeldahl Nitrogen).

⁴Wastewater Loading Rate shall be reported in both gallons per day (gpd) and inches per day (in/d).

⁵Evaporation estimated as 80% of evapotranspiration under Saticoy spray irrigation conditions.

⁶Total hydraulic loading = wastewater + precipitation – evaporation

⁷TDS = total dissolved solids; FDS = fixed dissolved solids; cumulative loading for a calendar year, determined as daily cycle average rate x average days of operation in a year.

In addition, the Discharger shall maintain a log of discharges to the land application area. Observations shall be noted and shall record which check is receiving wastewater, observations of ponding water, soil clogging, odors, insects, or other potential nuisance conditions. The notations shall also document any corrective actions taken. A copy of the notations recorded each month shall be submitted along with monthly monitoring reports.

VI. GROUNDWATER MONITORING PROGRAM

1. A groundwater work plan for OWTS and well installation report for MW-6 and MW-7 shall be submitted by October 15, 2016.
2. Representative samples of groundwater shall be obtained from all monitoring wells installed at the facility. The following shall constitute the groundwater monitoring program for Saticoy Foods Corporation:

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Constituent	Units ¹	Type of Sample	Minimum Frequency of Analysis ³
pH	pH units	grab	quarterly
Nitrite as Nitrogen	mg/L	grab	quarterly
Nitrate as Nitrogen	mg/L	grab	quarterly
Ammonia as Nitrogen	mg/L	grab	quarterly
Organic Nitrogen	mg/L	grab	quarterly
Total Nitrogen ²	mg/L	grab	quarterly
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Surfactants	mg/L	grab	quarterly
Color	Color units	grab	quarterly
Odor	Odor units	grab	quarterly
Total dissolved solids (TDS)	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly

¹mg/L=milligrams per liter; MPN/100mL = most probable number (MPN) per 100 milliliters

²Total nitrogen = nitrate-N + nitrite-N + ammonia-N + Organic Nitrogen

³If the monitoring test results exceed the groundwater limitations, the monitoring frequency of those constituents shall be monthly, for at least three consecutive months, to demonstrate compliance with limitations. Upon compliance with the groundwater limitations, the monitoring frequency can revert to quarterly.

All groundwater monitoring reports must include, at a minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification; and
- c. Quarterly observation of groundwater levels, recorded to .01 feet mean sea level and groundwater flow direction.
- d. Vertical separation of the water table from the bottom of the seepage pits.

VI. WASTE HAULING REPORTING

In the event that waste oil and grease, sludge, or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

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VII. PROCESS EFFLUENT MONITORING PROVISIONS

1. The Discharger shall monitor the background receiving groundwater quality and evaluate the relationship to the quality of its effluent discharges. Should the constituent concentrations in any down-gradient monitoring wells exceed the receiving water quality objectives in the Basin Plan and the increase in constituents is attributable to the Discharger's effluent disposal practices, the Discharger must develop a source control plan including a detailed source identification and pollution minimization plan, together with the time schedule of implementation, and must be submitted within 90 days of recording the exceedance.
2. Should effluent monitoring data indicate degradation of groundwater attributable to the Discharger's effluent, the Discharger shall submit, within 90 days after discovery of the problem, plans for measures that will be taken, or have been taken, to mitigate any long-term effects that may result from the discharge(s).

VIII. ELECTRONIC SUBMITTAL OF INFORMATION

Dischargers are directed to submit all reports required under the waste Discharger requirements (WDRs) adopted by the Regional Board including groundwater monitoring analytical data and discharge location data, to the State Water Resources Control Board GeoTracker database under Global ID WDR100000853.

IX. CERTIFICATION STATEMENT

Each report shall contain the following declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated 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 a fine and imprisonment.

Executed on the ____ day of _____ at _____.

_____(Signature)

_____(Title)"

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X. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted to a less frequent basis or parameters may be removed from this Monitoring and Reporting Program by the Executive Officer if the Discharger makes a request and the Executive Officer determines that the request is adequately supported by statistical trends of monitoring data submitted.

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: _____
Samuel Unger, P.E.
Executive Officer

Date: July 14, 2016

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