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CW

8366

April 29, 2002

Mr. John Herrera
Anacapa Foods, LLC
4300 Etting Road
Oxnard, CA 93030

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7001 2510 0003 6055 9426

Dear Mr. Herrera:

WASTE DISCHARGE REQUIREMENTS AND WATER RECYCLING REQUIREMENTS FOR ANACAPA FOODS, LLC, 4300 ETTING ROAD, OXNARD, CALIFORNIA (File No. 01-056, CI-8366)

Our letter of April 8, 2002, transmitted tentative Waste Discharge Requirements and Water Recycling Requirements (WDRs/WRRs) including Monitoring and Reporting Program for the Anacapa Foods LLC, strawberry processing facility.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public meeting held on April 25, 2002, reviewed the tentative Waste Discharge Requirements and the Water Recycling Requirements, considered all factors in the case, and adopted Order No. R4-2002-0090 (copy enclosed) relative to this discharge. Standard Provisions, which are a part of the WDRs/WRRs, are also enclosed.

Please note that the tentative Orders for Anacapa Foods, as previously sent in the Regional Board's letter of April 8, 2002, have been revised, (deletions are stricken out, changes/additions are underlined in **bold**):

- Finding No. 3 on Page 1 of the tentative WDRs/WRRs has been changed as follows: "The Discharger will process approximately 750,000 pounds of strawberries per day, which will be harvested from adjacent fields. The Discharger will generate up to 400,000 gallons per day (gpd) of strawberry process washwater during the annual operation period which will vary during the months of ~~May~~**March** through July."

You are required to implement Monitoring and Reporting Program No. 8366 on the effective date of Order No. R4-2002-0090. Your first monitoring report under these Requirements is due to this Regional Board by July 15, 2002. All monitoring reports should be sent to the Regional Board, Attn: Information Technology Unit.

Please reference all monitoring reports to our Compliance File No. CI-8366. We would appreciate if you would not combine other reports, such as progress or technical reports, with your monitoring reports.

If you have any questions or need additional information, please call Carey Wilder at (213) 620-2267.

Sincerely,

Paula Rasmussen

Paula Rasmussen. Section Chief
Enforcement and Groundwater Permitting

Enclosures:

1. Board Order No. R4-2002-0090, specifying WDRs/WRRs,
2. Monitoring and Reporting Program No. CI-8366
3. Standard Provisions applicable to Waste Discharge Requirements (addressee only)

cc: Mr. Mike Floyd, Division of Water Quality, State Water Resources Control Board
Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Robert Gallagher, Ventura County, Environmental Division
Ms. Melinda Talent, Ventura County, Land Use Section
Mr. Granville Bowman, City of Oxnard
Mr. Tim Miyasaka, Anacapa Foods, LLC
Mr. Glen Wensloff, Elutriate Systems

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. R4-2002-0090

WASTE DISCHARGE REQUIREMENTS
AND
WATER RECYCLING REQUIREMENTS
FOR
ANACAPA FOODS, LLC
(FILE NO. 01-056)

The California Regional Water Quality Control Board (RWQCB), Los Angeles Region (Regional Board), finds:

1. Anacapa Foods, LLC (hereinafter Discharger) operates a strawberry processing facility located at 4300 Etting Road, Oxnard, California (Figure 1 is a site map). On January 16, 2001, the Discharger submitted a Report of Waste Discharge to this Regional Board proposing to recycle treated strawberry washwater into a subsurface irrigation system for irrigating strawberry crops. A portion of the recycled washwater will be applied to on-site field access roads for dust control.

2. The land on which this facility is located is owned by Mr. Tim Miyasaka. The Discharger leases the land from Mr. Miyasaka. Mr. Miyasaka owns approximately 600 acres which includes the land upon which the facility is located and adjacent strawberry fields. Mr. Miyasaka intends to acquire approximately 430 additional acres of strawberry growing fields that will be receiving the recycled washwater. Therefore, up to 1,030 acres will be irrigated using the recycled washwater.

3. The Discharger will process approximately 750,000 pounds of strawberries per day, which will be harvested from adjacent fields. The Discharger will generate up to 400,000 gallons per day (gpd) of strawberry process washwater during the annual operation period which will vary during the months of March through July.

Description of Facility

4. The facility consists of 81,940 square feet of agriculture support buildings with the following descriptions: a berry processing facility for washing, sorting, processing, and packaging of berries; a holding cooler for storage of berries awaiting processing; a crate and box shed for storage of packaging and shipping equipment and supplies; the farm office, and two residence houses. Other on-site structures include a farm truck scale and scale booth, water supply tanks and washwater treatment system for water recycling, including tanks and electrical equipment enclosures. (Figure 2 is a facility layout map).

5. Water supply for the facility is obtained from two water production wells located at the facility. The first well (01N/21W-20B1) is located 100 feet south of Etting Road, and one half mile west of Wood Road, and is designated as the primary water supply. The

second well (01N/21W-20C5) is located approximately 0.25 miles from the north west corner of the section, and is only utilized when necessary. The first well is capable of producing approximately 2,300 gallons of water per minute and has a total depth of 950 feet. The second well is capable of producing approximately 125 gallons of water per minute and has a total depth of 325 feet. The facility utilizes an average of 400,000 gallons of water on a daily basis for strawberry processing purposes.

6. The facility utilizes up to 6,000 gallons of water on a daily basis for domestic (toilet flushing and sinks) purposes from the first well. Depth to groundwater at this well is approximately 69 feet below ground surface (bgs). The second well is utilized when necessary, and has a depth to groundwater of approximately 34 feet bgs. The two wells on-site produce approximately 4-5 million gallons per day, when required.

7. The facility is located in a rural area of Ventura County, the nearest municipal sewer system is the City of Oxnard. Mr. David Hartsuck with the City of Oxnard (City), stated that the City would not accept waste water generated by the Discharger as the point of connection does not have sufficient capacity and the City would not give up capacity that could potentially be used for future development within the City boundary. The facility is located approximately 1.5 miles from the City limits.

8. Domestic wastewater at the site is discharged to septic tank/leach field systems at five locations on the property. The septic tanks at the site have capacities ranging from 1,000 to 2,500 gallons. On March 20, 2002, these discharges were enrolled under Order No. 01-031, "*General Waste Discharge Requirements for Small Commercial and Multifamily Residential Subsurface Sewage Disposal Systems*," adopted by this Regional Board on February 22, 2001.

9. The facility is located in Section 20, Township 1N, Range 21W, based on the San Bernardino Base & Meridian. It has a parcel Number of 218-0-070-29 and an approximate latitude of 34° 09' 27" and longitude 119° 06' 18". Ground surface elevation is approximately 20 feet above mean sea level.

10. The facility overlies the Oxnard Plain Groundwater Basin. The Oxnard Plain Basin includes the main unconfined aquifer area of the Oxnard basin. Earth materials present in the shallow subsurface are predominantly coarse-grained, permeable sediments associated with the river valley depositional environment.

Description of Waste Discharge

12. The Discharger discharges washwater from the following sources:

Source	Maximum Quantity (gpd)	Frequency (per week)
Strawberry washwater	400,000	Varies with respect to harvest
Equipment/General wash-down	15,000	5-6 days/week

13. Pollutants of concern will be generated from the general wash-down of the facility, processing equipment, and strawberry washwater, which may include insecticides,

fungicides, and pesticides. Specifically benlate, captan, elevate, rally, roural, thiolux sulfur, thiran, agrimele, danitor, malathion, savey, and sevin are used during the growing of strawberries. No action levels exist for these parameters, except for captan and malathion. Based on the action levels established by the California Department of Health Services, the monthly average limits for captan and malathion are respectively, 0.0015 and 0.16 milligrams per liter.

14. The treatment system for the collected washwater will reportedly function as follows: The effluent from the strawberry processing plant is collected in the primary sump through a system of floor drains. The effluent is pumped to a rotary screen, where solids are recovered in a haul off bin for cattle feed. The effluent is pH adjusted to 6.8 – 7.2 and pumped to a Dissolved Air Floatation system (DAF) to remove the fine small particulates that pass through the rotary screen. From the DAF the effluent flows to a sump where it is collected and pumped to the first Bio Reactor tank. Microbes in the aerated Bio Reactor tank digest the effluent. Rotary blowers and fine bubble diffusers provide the aeration. The effluent flows to a second Bio Reactor tank for further Biological Oxygen Demand (BOD) digestion, and then into a third tank where final BOD digestion will occur. From this point the water will be blended with well water before entering a series of sand media filters where it will then flow into a subsurface irrigation system or be used for on-site access road dust control.

15. The subsurface irrigation system consists of a network of ten inch diameter pipes that are baffled down to a network of two inch diameter pipes. From this point the water feeds drip tubes that are placed approximately two inches below a plastic "mulch" which covers each strawberry "bed". This system will irrigate up to 1,030 acres of strawberry fields controlled by the land owner. During the months of strawberry processing, up to 415,000 gallons of the treated washwater will be recycled on a daily basis.

16. On February 26, 2002, Board Staff (Carey Wilder) performed a pre-requirement inspection for verification of materials submitted concerning the washwater treatment system and related facility operations.

Storm Water Management

17. Storm water is collected and directed to an on-site pond. The on-site pond has a capacity of 1,860 cubic feet.

18. The facility was inspected by storm water staff on April 5, 2002. Storm water staff determined that the facility is required to file for a Notice of Intent to be covered under Water Quality Order No. 97-03 DWQ NPDES General Permit No. CAS000001 (Storm Water Discharges Associated with Industrial Activity), which includes strawberry processing facilities (SIC 2037). A notice of intent is required to be filed by May 9, 2002. Furthermore, the facility is required to develop and implement a Storm Water Pollution Prevention Plan to address all requirements pursuant to section A.1 through section C.19 of the General Permit by June 9, 2002.

Applicable Plans, Policies and Regulations

19. This Regional Board adopted a revised *Water Quality Control Plan (Basin Plan) for the*

Coastal Watersheds of Los Angeles and Ventura Counties on June 13, 1994. The Basin Plan contains beneficial uses and water quality objectives for the Oxnard Plain Basin (Unconfined and perched aquifers):

Existing:	Municipal and Domestic Supply and Agricultural Supply.
Potential:	Industrial Service Supply.

20. The requirements contained in this Order are based on the *Basin Plan*. This Order is in conformance with the goals of the Basin Plan and will protect and maintain the beneficial uses of the groundwater.

21. Regional Board staff have consulted with the California Department of Health Services (DHS) and Ventura County DHS regarding the proposed recycling of treated washwater. DHS currently does have any guidelines or regulations which relate directly to the use of recycled washwater for subsurface irrigation purposes. Due to the public health concern, Regional Board staff are applying California Title 22 standards in order to ensure that the washwater meets standards for water recycling in the absence of recycling criteria for treated washwater recycling.

22. The use of recycled washwater for the irrigation of strawberry crops could affect the public health, safety, or welfare; requirements for such use are therefore necessary in accordance with section 13523 of the California Water Code.

23. On March 8, 1999, the County of Ventura adopted a Negative Declaration in accordance with the California Environmental Quality Act (Public Resources Code section 21000 et seq.) in connection with the issuance of a conditional use permit for construction of agricultural support buildings at the site. The strawberry processing building was included within the conditional use permit in September, 2000 and was the subject of a Negative Declaration Addendum adopted by the County on September 20, 2000.

24. Pursuant to California Water Code (CWC) section 13320, any aggrieved party may seek review of this Order by filing a petition with the State Board. A petition must be received by the State Water Resources Control Board, P.O. Box 100, Sacramento, California, 95812, within 30 days of adoption of this Order.

25. In accordance with the Governor's Executive Order D-22-01, dated February 8, 2001, requiring any proposed activity be reviewed to determine whether such activity will cause additional energy usage, Regional Board staff have determined that implementation of these waste discharge requirements will not result in a significant change in energy usage.

Notifications

26. The Regional Board has notified the Discharger and interested agencies and persons of its intent to issue waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

27. The Regional Board, in a public hearing, heard and considered all comments pertaining to the discharge and to the tentative requirements.

IT IS HEREBY ORDERED that Anacapa Foods, LLC, shall comply with the following:

A. EFFLUENT LIMITATIONS

1. Treated washwater effluent prior to dilution shall be limited to only the washwater described in finding no. 12 above.

2. The pH of treated washwater effluent prior to dilution shall at all times be within the range 6.5 to 8.5.

3. The temperature of the treated washwater effluent prior to dilution shall not exceed 100 °F.

4. Radioactivity of the treated washwater effluent prior to dilution shall not exceed the limits specified in the California Code of Regulations, title 22, sections 64441 and 64443 or subsequent revisions.

5. The discharge of an effluent with constituents in excess of the following limits is prohibited:

Constituents	Units*	Discharge Limitations Monthly Average	Daily Maximum
BOD_5 (20°C)	mg/L	45(1)	-
Total dissolved solids	mg/L	3,000	-
Oil and grease	mg/L	10	15
Sulfate	mg/L	1,000	-
Nitrate + Nitrite + Ammonia + Organic Nitrogen as Nitrogen	mg/L	-	10
Captan	mg/L	0.0015	-
Malathion	mg/L	0.16	-
Chloride	mg/L	150	-

* Milligrams per Liter
(1) Average is 7 day average

B. RECYCLED WATER SPECIFICATIONS FOR IRRIGATION

1. Recycled washwater used for irrigation shall be retained on the areas of use and shall not be allowed to escape as surface flow.

2. Recycled washwater shall be applied at such a rate and volume as not to exceed vegetation demand and soil moisture conditions. Special precautions shall be taken to prevent clogging of drip tubes, to prevent over-watering and to exclude the production of runoff. Pipelines shall be maintained so as to prevent leaks.

3. The use of the recycled washwater shall not cause the concentration of organic and inorganic chemicals (i.e., heavy metals, arsenic, or cyanide) in the receiving

water to exceed the limits contained in title 22 of the California Code of Regulations, sections 64431 (Inorganic chemical) and 64444 (Organic chemical).

4. Recycled washwater shall not be used for irrigation during periods of rainfall and/or runoff.

5. Recycled washwater reuse shall not result in breeding of mosquitoes, gnats, or other pests.

6. Recycled washwater used for strawberry irrigation or on-site field access road dust control shall not result in earth movement in geologically unstable areas.

7. All areas where recycled washwater is used shall be posted with conspicuous signs that include the following wording in a size no less than 4 inches high by 8 inches wide: "ATTENTION: NON-POTABLE WATER - DO NOT DRINK" or "WASHWATER USED FOR IRRIGATION – DO NOT DRINK." Perimeter warning signs indicating that the treated washwater is in use shall be posted at least every 500 feet, with a minimum of at least one sign on each corner of each irrigation area at access road entrances.

8. The portions of the washwater piping system that are in areas subject to access by the general public shall not include any hose bibbs. Only quick couplers that differ from those used on the potable water system shall be used on the portions of the washwater piping system in areas subject to public access.

9. Drinking water fountains shall be protected against contact with washwater spray, mist, or runoff.

C. PROHIBITIONS

1. Discharge of recycled washwater to any point other than specifically described in this Order is prohibited and constitutes a violation thereof.

2. Effluent discharged to the holding tanks shall not have any visible scum, foam, floating debris, or sludge deposits at any time.

3. The holding tanks containing treated washwater shall not have beggiatoa or other indications of anaerobic conditions.

4. Treated washwater discharged shall not impart tastes, odors, color, foaming or other objectionable characteristics to the receiving water.

5. Treated washwater discharged shall at no time contain any substance in concentrations toxic to human, animal, plant, or aquatic life.

6. Treated wastewater discharged shall not result in concentrations of salt, heavy metals or organic pollutants being present in the receiving water at levels that would impact the designated beneficial uses of groundwater, or in the event that groundwater is in hydraulic connection with surface waters, the designated

beneficial uses of surface water.

7. The disposal of treated washwaters in geologically unstable areas or so as to cause earth movement is prohibited.

8. The direct or indirect discharge of any washwater to surface waters or surface water drainage courses is prohibited.

9. The on-site disposal of sludge is prohibited.

10. All discharges that do not meet the aforementioned requirements shall be held in impervious containers and discharged at a legal point of disposal.

11. Disposal or handling of process washwater and/or storm water runoff shall not create a condition of pollution, contamination or nuisance, or problems due to breeding of mosquitoes, gnats, midges, flies or other pests.

D. PROVISIONS

1. In accordance with CWC section 13267, the Discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted.

2. The Discharger shall comply with the effluent limitations established in this Order. If the Discharger is unable to meet the effluent limitations, the Discharger shall terminate all discharges to the holding tanks.

3. The Discharger shall take all reasonable steps to minimize or prevent any discharge that has a reasonable likelihood of adversely affecting human health or the environment.

4. The discharge of any wastes or overflow from the holding tanks to any water course or drainage ditch is prohibited at all times. The water levels in the holding tanks shall be maintained at a level to ensure that rainfall and storm flows will not cause overtopping.

5. The Discharger shall maintain copies of this Order and accompanying Monitoring and Reporting Program at the facility so as to be available at all times to personnel operating the site.

6. In the event of any change in facility operator or in control or ownership of land or waste discharge facilities owned or controlled by the Discharger, the Discharger shall:

   (a) Notify this Regional Board in writing at least 30 days in advance of such a change; and
   (b) Notify the succeeding owner or operator by letter, a copy of which shall be filed with this Regional Board, of existence of this Order.

7. In accordance with CWC section 13260(c) the Discharger shall file a report of any material change or proposed change in the character, location, boundaries or volume of this discharge at least 120 days prior to the date of such proposed change.

8. The Discharger shall notify this Regional Board immediately by telephone of any adverse conditions resulting from this discharge, with such notification to be affirmed in writing within two weeks.

9. This Order includes the attached Monitoring and Reporting Program (Attachment T). If there is any conflict between provisions stated in the Monitoring and Reporting Program and the Standard Provisions, those provisions stated in the Monitoring and Reporting Program prevail.

10. This Order includes the attached *"Standard Provisions Applicable to Waste Discharge Requirements"* (Attachment W) which is incorporated herein by reference. If there is any conflict between provisions stated herein and the attached *"Standard Provisions Applicable to Waste Discharge Requirements"*, those provisions attached herein will prevail.

11. This Order does not exempt the operator of this facility from compliance with any other laws, regulations, or ordinances which may be applicable, and it does not affect any further restraints on this facility which may be contained in other statutes or required by other agencies.

12. The Discharger shall furnish, within a reasonable time, any information this Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The Discharger shall also furnish to this Regional Board, upon request, copies of records required to be kept by this Order.

13. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:

    a. Violation of any term or condition contained in this Order;

    b. Obtaining this Order by misrepresentation, or failure to disclose all relevant facts;

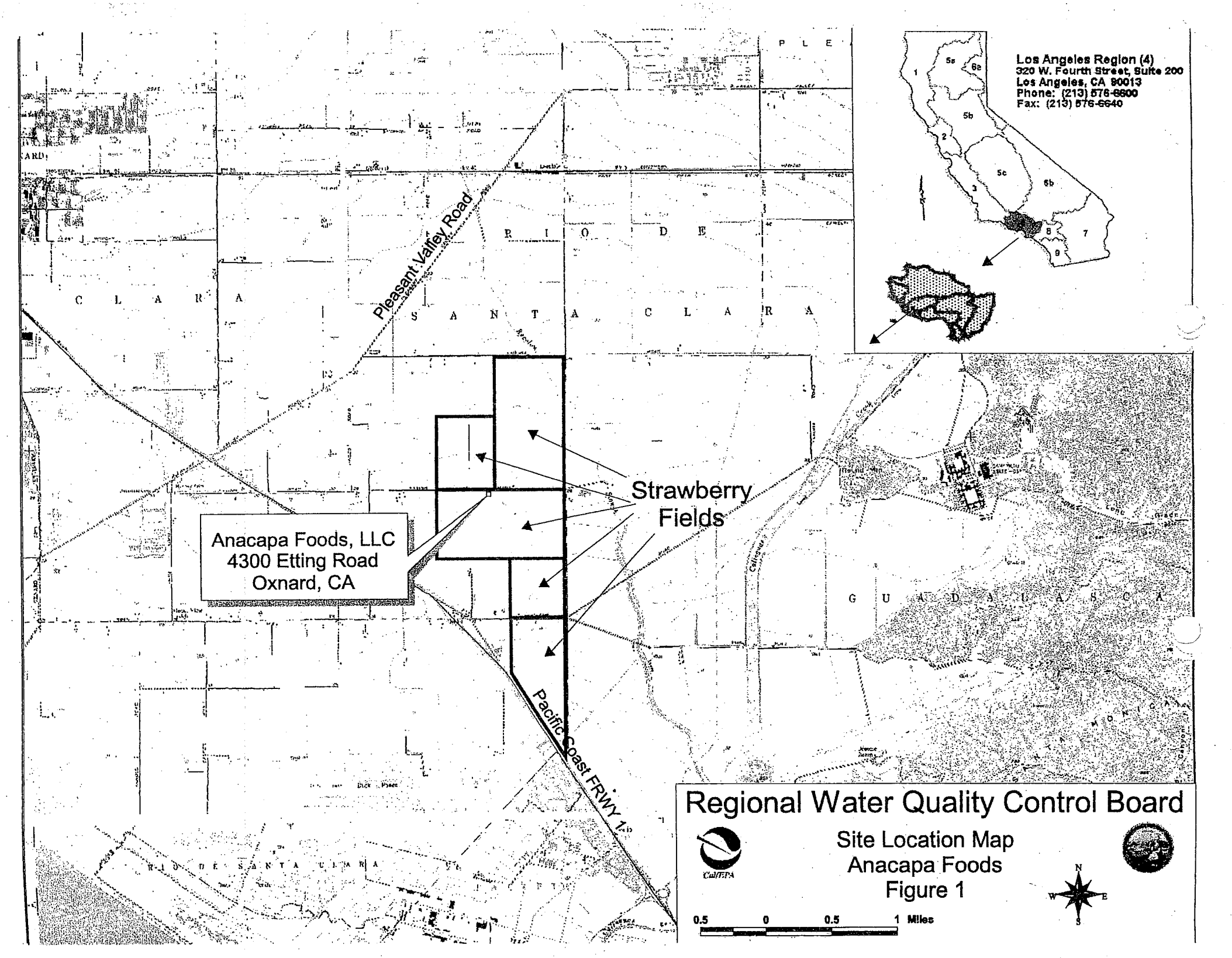
    c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

14. In accordance with CWC section 13263 these requirements are subject to periodic review and revision by this Regional Board.

15. In accordance with CWC section 13263(g), these requirements shall not create a vested right to continue to discharge and are subject to rescission or modification. All discharges of waste into the waters of the State are privileges, not rights.

I, Dennis A. Dickerson, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region on April 25, 2002.

Dennis A. Dickerson
Executive Officer


Los Angeles Region (4)
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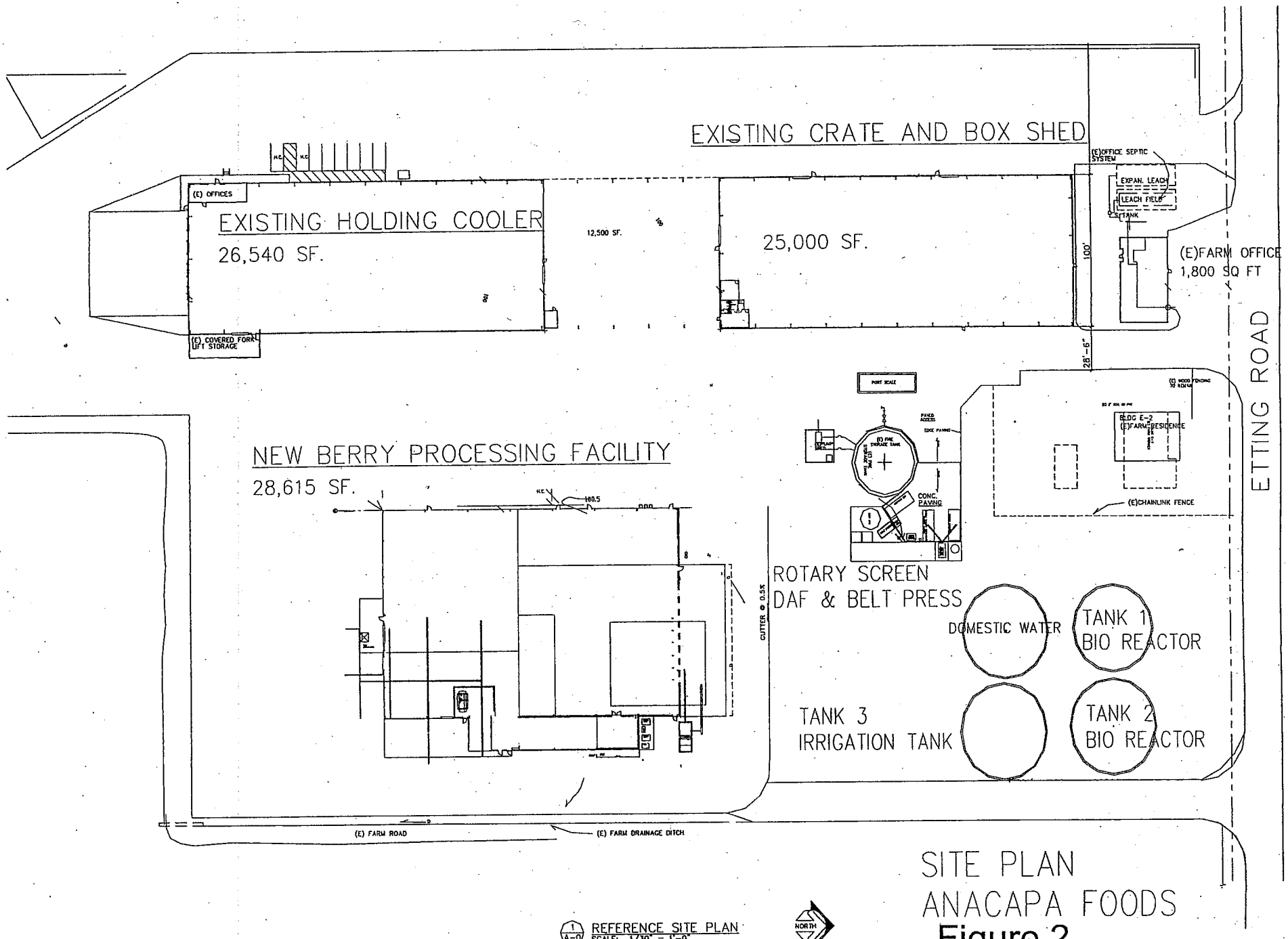
Pleasant Valley Road
Strawberry Fields
Anacapa Foods, LLC
4300 Etting Road
Oxnard, CA
Pacific Coast FRWY 1
Regional Water Quality Control Board
Site Location Map
Anacapa Foods
Figure 1
0.5 0 0.5 1 Miles



SITE PLAN
ANACAPA FOODS
Figure 2

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-8366
FOR
ANACAPA FOODS, LLC
(File No. 01-056)

I. REPORTING REQUIREMENTS

A. The Discharger shall implement this monitoring program on the effective date of this order. The first monitoring report under this Program is due by July 15, 2002.

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

Reporting Period	Report Due
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15
Annual Summary Report	March 1 of each year

B. If there is no discharge, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.

C. 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 toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certification shall be provided each time a new and/or renewal is obtained from ELAP.

E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML 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 QA/QC procedures.

F. 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, and the results must be reported on the Regional Board format, if available, and submitted with the laboratory reports.

Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.

G. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current USEPA guideline procedures or as specified in this Monitoring Program."

H. 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.

I. 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.

J. 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.

K. Each quarterly monitoring report shall include the approximate acreage used for irrigation.

II. RECYCLED WASHWATER MONITORING PROGRAM

A sampling station shall be established, prior to any dilution, where representative samples of recycled washwater can be obtained. Recycled washwater samples may be obtained at a single station provided that station is representative of the quality before dilution occurs. Each sampling station shall be identified.

The following shall constitute the recycled washwater monitoring program for the recycled washwater discharged to the holding tank:

Constituents	Units	Type of Sample	Minimum** Frequency of Analysis
Total flow	gal/day	-----	weekly
pH	pH Units	grab	monthly
BOD_5	mg/L	grab	monthly
Oil & grease	mg/L	grab	monthly
Captan	mg/L	grab	monthly
Malathion	mg/L	grab	monthly
Temperature	°F	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Fluoride	mg/L	grab	quarterly
Ammonia-N	mg/L	grab	quarterly
Organic-N	mg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly
Total residual chlorine	mg/L	grab	annually
Trihalomethanes	mg/L	grab	annually
Priority pollutant scan*	µg/L	grab	bi-annually

*Priority Pollutants are listed in Attachment A
**For every year that discharge occurs, there shall be two sampling events. The first shall take place before any discharge begins, and the second shall take place at the end of the processing season.

III. GROUNDWATER MONITORING

A groundwater monitoring program shall be designed to detect and evaluate impacts from recycled washwater discharges from the strawberry processing facility. A groundwater monitoring workplan must be submitted to this Regional Board within 60 days from the date of this Order and is subject to the Executive Officer's approval prior to implementation. The groundwater monitoring wells must be installed in such a way so as to assess the background groundwater quality and downgradient groundwater quality. The plan shall include the exact location of the proposed wells, depths, construction of wells, schedule for the installation and proposed sampling of the wells.

The monitoring program must be prepared under the direction of a California Registered Geologist, or Certified Engineering Geologist, or a California Registered Civil Engineer with appropriate experience in hydrogeology.

The following shall constitute the groundwater monitoring program:

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	semi-annually
Ammonia-N	mg/L	grab	semi-annually
Nitrate-N	mg/L	grab	semi-annually
Nitrite-N	mg/L	grab	semi-annually
Organic Nitrogen	mg/L	grab	semi-annually
Total dissolved solids	mg/L	grab	semi-annually
Sulfate	mg/L	grab	semi-annually
Chloride	mg/L	grab	semi-annually
Fluoride	mg/L	grab	semi-annually

Basic information that must be included with all groundwater monitoring and reporting includes the following:

a. Well identification, date and time of sampling;

b. Sampler identification, laboratory identification; and chain of custody;

c. Water temperature (in field); and

d. Measurements of groundwater levels, recorded to .01 feet mean sea level, and the flow direction.

IV. MONITORING FREQUENCIES

Monitoring frequencies may be adjusted to a less frequent basis or parameters dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

V. WASTE HAULING REPORTING

In the event that waste sludge, septage, 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.

IV. CERTIFICATION STATEMENT

Each report shall contain the following completed 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)"

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: _____ April 25, 2002
Dennis A. Dickerson
Executive Officer

ATTACHMENT A

PRIORITY POLLUTANTS

Metals

Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Miscellaneous

Cyanide
Asbestos (only if specifically required)

Pesticides & PCBs

Aldrin
Chlordane
Dieldrin
4,4'-DDT
4,4'-DDE
4,4'-DDD
Alpha-endosulfan
Beta-endosulfan
Endosulfan sulfate
Endrin
Endrin aldehyde
Heptachlor
Heptachlor epoxide
Alpha-BHC
Beta-BHC
Gamma-BHC
Delta-BHC
Toxaphene
PCB 1016
PCB 1221
PCB 1232
PCB 1242
PCB 1248
PCB 1254
PCB 1260

Base/Neutral Extractibles

Acenaphthene
Benzidine
1,2,4-trichlorobenzene
Hexachlorobenzene
Hexachloroethane
Bis(2-chloroethyl) ether
2-chloronaphthalene
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
3,3'-dichlorobenzidine
2,4-dinitrotoluene
2,6-dinitrotoluene
1,2-diphenylhydrazine
Fluoranthene
4-chlorophenyl phenyl ether
4-bromophenyl phenyl ether
Bis(2-chloroisopropyl) ether
Bis(2-chloroethoxy) methane
Hexachlorobutadiene
Hexachlorocyclopentadiene
Isophorone
Naphthalene
Nitrobenzene
N-nitrosodimethylamine
N-nitrosodi-n-propylamine
N-nitrosodiphenylamine
Bis (2-ethylhexyl) phthalate
Butyl benzyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Diethyl phthalate
Dimethyl phthalate
Benzo(a) anthracene
Benzo(a) pyrene
Benzo(b) fluoranthene
Benzo(k) fluoranthene
Chrysene
Acenaphthylene
Anthracene
1,12-benzoperylene
Fluorene
Phenanthrene
1,2,5,6-dibenzanthracene
Indeno (1,2,3-cd) pyrene
Pyrene
TCDD

Acid Extractibles

2,4,6-trichlorophenol
P-chloro-m-cresol
2-chlorophenol
2,4-dichlorophenol
2,4-dimethylphenol
2-nitrophenol
4-nitrophenol
2,4-dinitrophenol
4,6-dinitro-o-cresol
Pentachlorophenol
Phenol

Volatile Organics

Acrolein
Acrylonitrile
Benzene
Carbon tetrachloride
Chlorobenzene
1,2-dichloroethane
1,1,1-trichloroethane
1,1-dichloroethane
1,1,2-trichloroethane
1,1,2,2-tetrachloroethane
Chloroethane
Chloroform
1,1-dichloroethylene
1,2-trans-dichloroethylene
1,2-dichloropropane
1,3-dichloropropylene
Ethylbenzene
Methylene chloride
Methyl chloride
Methyl bromide
Bromoform
Dichlorobromomethane
Chlorodibromomethane
Tetrachloroethylene
Toluene
Trichloroethylene
Vinyl chloride
2-chloroethyl vinyl ether
Xylene

vbc 6/6/00