



California Regional Water Quality Control Board San Diego Region

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Matthew Rodriguez
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Edmund G. Brown Jr.
Governor

March 13, 2012

Mark Stiefel
Jack and Mark Stiefel Dairy
32750 Holland Road
Winchester, CA 92596

In reply refer to:
CRU: 9 000000452:MMata
CIWQS Place ID: 258668

Dear Mr. Stiefel:

**SUBJECT: Review of Annual Self-Monitoring Reports for Order No.
R9-2007-0009, NPDES Permit No. CA0109011, Jack and Mark Stiefel
Dairy**

The California Regional Water Quality Control Board, San Diego Region (San Diego Water Board) has completed review of the annual reports covering November 2007—October 2011 for the subject facility and has the following comment:

1. Your reports are deficient due to the use of an outdated form. The Monitoring and Reporting form currently being used is from your previous Order (Order No. R9-2000-18). This form was updated with the permit renewal in January 2007. The San Diego Water Board will be contacting you to set up a meeting to discuss the deficiencies in the self-monitoring reports. For your reference, the Monitoring and Reporting Form for Order No. R9-2007-0009 has been attached to this letter.

The heading portion of this letter includes a San Diego Water Board code number noted after "In reply refer to:" In order to assist us in the processing of your correspondence please include this code number in the heading or subject line portion of all correspondence and reports to the San Diego Water Board pertaining to this matter.

If you have any questions regarding the above, please contact Michelle Mata at (858) 467-2981 or MMata@waterboards.ca.gov.

Respectfully,

Robert Morris
Supervising Engineer

California Environmental Protection Agency

Mark Stiefel
Jack and Mark Stiefel Dairy

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March 13, 2012

RWM:mm

Enclosure

WDID	9 000000452
Order No.	R9-2007-0009
NPDES No.	CA0109011
CIWQS Place ID	258668
Reg Measure No.	319983

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
REGION 9, SAN DIEGO REGION
MONITORING AND REPORTING FORM
ORDER NO. R9-2007-0009
NPDES PERMIT NO. CA0109011**

Annual Self Monitoring Report for January 1, _____ to December 31, _____ Due by February 1st of each year.

Date ___/___/_____

Directions:

1. Respond to all questions. If a question does not pertain to your facility, write "Not Applicable" in the space provided.
 2. Attach additional pages if necessary to further demonstrate compliance with waste discharge requirements or to answer any questions in greater detail.
 3. Make copies of this form for annual reporting, identifying the monitoring period on the line at the top of the page, and save the original as a master copy for future reporting.
-

Name and Address Changes:

Note any changes or corrections to the following:

- | | | |
|----------------------|-----------------------------|-------|
| 1. Name of facility: | Jack and Mark Stiefel Dairy | _____ |
| Address: | 32750 Holland Road | _____ |
| | Winchester, CA 92596 | _____ |
| Phone Number: | (951) 927-1247 | _____ |
| 2. Name of owner: | Mr. Mark Stiefel | _____ |
| Address: | 32750 Holland Road | _____ |
| | Winchester, CA 92596 | _____ |
| Phone Number: | (951) 927-1247 | _____ |
| 3. Facility Contact: | Mr. Mark Stiefel | _____ |
| Phone Number: | (951) 927-1247 | _____ |
-

Animal Counts:

January 1, _____ to December 31, _____

Report the maximum number of animals during the year.

- 1. Milking cows _____
 - 2. Heifers _____
 - 3. Dry cows _____
 - 4. Calves _____
-

Manure and Wastewater Disposal:

Report the total quantity of manure produced during the year and how the manure was disposed of during the year as of December 31st.

- 1. Total quantity of solid manure produced during the year: _____ cu. yds.
- 2. Total quantity of solid manure disposed on land owned or under the control of the dairy owner/operator: _____ cu. yds.

Number of acres manure applied to: _____ acres

Type of crop(s) grown: _____

- 3. Total quantity of solid manure sold or given away to public: _____ cu. yds.
- 4. Manure stockpiled on-site on December 31 (of this reporting period): _____ cu. yds.
- 5. Total volume of wastewater used for land irrigation: _____ ac.-ft.

Number of acres irrigated with wastewater: _____ acres

Type of crop(s) grown: _____

Waste Management Program:

January 1, _____ to December 31, _____

The Discharger shall describe in detail any changes to the waste collection, management or disposal system during the past year. If physical changes have occurred, submit a map showing the new facilities. Include volumes, square feet, etc...

- No changes to the waste management facilities and operations occurred during the year, or
 - The following changes have been made (attach additional sheets if necessary):
-

Ground Water Monitoring:

Complete the following and attach a copy of the laboratory's analysis sheet.

1. Was the groundwater monitoring conducted according to the procedures prescribed in Part VIII of the Monitoring and Reporting Program?

- Yes
- No, the procedures were modified as follows:

2. Fill in the appropriate sampling information (Sample must be taken between September 1 and October 31):

Date sampled: _____
Time sampled: _____
Name of individual who performed sampling: _____
Date analyses were performed: _____

3. Fill in the appropriate tables with the groundwater sampling data:

Sample Point G-001 (Domenigoni Well)

Constituent	Sample Type	Minimum Sampling Frequency	Results	Units
Total Dissolved Solids	Grab	Annual		mg/L
Nitrate (N)	Grab	Annual		mg/L
Boron	Grab	Once per 5 years		mg/L
Sodium	Grab	Once per 5 years		mg/L
Magnesium	Grab	Once per 5 years		mg/L
Calcium	Grab	Once per 5 years		mg/L
Sodium Adsorption Ration (adjusted)	Calculated	Once per 5 years		Units

Sample Point G-002 (Stiefel Well)

Constituent	Sample Type	Minimum Sampling Frequency	Results	Units
Total Dissolved Solids	Grab	Annual		mg/L
Nitrate (N)	Grab	Annual		mg/L
Boron	Grab	Once per 5 years		mg/L
Sodium	Grab	Once per 5 years		mg/L
Magnesium	Grab	Once per 5 years		mg/L
Calcium	Grab	Once per 5 years		mg/L
Sodium Adsorption Ration (adjusted)	Calculated	Once per 5 years		Units

Sample Point G-003 (Wesselink Well)

Constituent	Sample Type	Minimum Sampling Frequency	Results	Units
Total Dissolved Solids	Grab	Annual		mg/L
Nitrate (N)	Grab	Annual		mg/L
Boron	Grab	Once per 5 years		mg/L
Sodium	Grab	Once per 5 years		mg/L
Magnesium	Grab	Once per 5 years		mg/L
Calcium	Grab	Once per 5 years		mg/L
Sodium Adsorption Ration (adjusted)	Calculated	Once per 5 years		Units

Manure Monitoring:

Complete the following and attach a copy of the laboratory's analysis sheet(s).

1. Was the manure monitoring conducted according to the procedures prescribed in Section IV.B. of the Monitoring and Reporting Program?

- Yes
- No, please explain.

2. Fill in the appropriate sampling information:

Date sampled: _____
Time sampled: _____
Name of individual who performed sampling: _____
Date analyses were performed: _____

Soil Monitoring (required once over the life of the permit, must be submitted at least one year prior to the expiration date of the permit):

Complete the following and attach a copy of the laboratory's analysis sheet(s).

1. Was the soil monitoring conducted according to the procedures prescribed in Section IV.C. of the Monitoring and Reporting Program?

- Yes
- No, please explain.

2. Fill in the appropriate sampling information:

Date sampled: _____
Time sampled: _____
Name of individual who performed sampling: _____
Date analyses were performed: _____

Compliance Statement:

The Discharger shall discuss the dairy's compliance with Order No. R9-2007-0009. Review compliance statements below and check the appropriate box. You should include any pertinent information and describe any additional management measures or corrective actions taken or planned to achieve full compliance with the waste discharge requirements.

Compliance Statement	Yes	No
Were all monitoring instruments and devices used to fulfill the monitoring program properly maintained and calibrated to ensure their continued accuracy?		
Were all discharges of wastes, including windblown spray and runoff of effluent applied for irrigation, to lands which have been specifically described to the Regional Board and for which valid waste discharge requirements are in force? If no, please explain.		
Did the waste water or waste solids disposal operation cause any unusual odors or other nuisances beyond the limits of the dairy property? If yes, please explain.		
Were all facilities and systems of waste disposal (and related appurtenances), which are installed to achieve compliance with the conditions of the Order properly operated and maintained? If no, please explain.		
Were manured areas maintained to prevent nuisance conditions and managed to minimize infiltration of water into underlying soils, If no, please explain.		
To the best of your knowledge, was manure hauled off the dairy property properly disposed of to ensure that the water quality is not adversely affected in the area?		
Was the application of manure and wastewater to the disposal fields controlled by the Discharger to comply with agronomic rates? If no, please explain.		
Was dry manure applied to cultivated croplands incorporated into the soil soon after application? If no, please explain.		
Were animals prevented from entering any surface water within the confined area? If no, please explain.		
Were water levels in the retention ponds sufficiently lowered by October 1 st to provide adequate storage capacity prior to the beginning of the wet weather periods? If no, please explain.		
Is an applicable signed and certified NMP, as specified in Section VI of the Order, maintained on-site at the dairy? If no, please explain.		
Are the additional records keeping requirements for CAFOs, specified in Section V.D. of the monitoring and reporting program, being maintained as required? If no, please explain?		

Comments:

Additional Comments:

Certification Statement:

Pursuant to Section V.B. of Attachment D, this report must be signed and certified by the Discharger or a duly authorized representative of that person as follows:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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 fine and imprisonment for knowing violations.

Signed under Penalty of Perjury

Date

Print Name