

APPENDIX 3

Conditional Waiver of Waste Discharge Requirements Monitoring and Reporting Order No. R1-2012-0003

Annual Report

Report Date: _____
Month / day / year

For Dairies Covered by Order No. R1-2012-0003 Conditional Waiver of Waste Discharge Requirements For Existing Cow Dairies

Due November 30 each year

Facility Information

Facility: _____	Address: _____
	No. Street City Zip
Operator: _____	Address: _____
Phone: (____) _____	E-mail: _____
Property owner: _____	Address: _____
Phone: (____) _____	E-mail: _____
Current # of mature dairy cows (milking + dry): _____	
Current # of other dairy cattle: _____	

(Note: "N/A" means that the subject is not applicable to the facility covered by this report)

1. In the previous year, has a Waste Management Plan been prepared for your facility? _____
2. In the previous year, has a Nutrient Management Plan been prepared for your facility? _____
3. Has the dairy had a manure or process water discharge to surface or groundwater in the past year? _____
4. If so, where and how was the problem resolved? _____
5. Please answer the following questions pertaining to facility conditions and actions taken within the previous year to comply with conditions of the Waiver: _____

A. Prevent animals from entering any surface water within confinement areas:

("Surface water" means waters of the United States or any tributary to a water of the United States)

Are barriers used to keep animals out of surface waters? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Are watercourse crossings designed and maintained to protect water quality? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Are feed sites located away from surface waters? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

Description of Deficiencies (if any) or Additional Information:

B. Divert clean stormwater runoff away from manured areas (including heavily used pastures)

Do buildings have effective gutters? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is stormwater that contacts manured areas and feed storage areas contained in holding ponds? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Is guttered water diverted away from manured areas? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is clean stormwater runoff managed separate from manure and process water? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

Is guttered water contained in holding ponds?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A	Are diversion ditches functional and properly maintained to protect surface waters?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
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Description of Deficiencies (if any) or Additional Information:

C. Retain all manure and process water generated at the facility, including all runoff from manured areas produced during a 25-year, 24-hour storm. Contain and manage wastes as appropriate.

Material to be contained	Yes	No	N/A	Material to be contained	Yes	No	N/A
All manure solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dead animals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Runoff from solids storage areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Waste milk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Runoff from corrals that contain manure	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Medical waste	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Milk barn washwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hazardous wastes (pesticides, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Runoff and leachate from silage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

Description of Deficiencies (if any) or Additional Information:

D. Prevent surface runoff from application areas and minimize nutrient percolation to groundwater

Does the facility have and follow the Nutrient Management Plan requirements as described in Waiver MRP– Appendix 2)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Is tailwater produced from application areas?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If yes, is tailwater controlled? Yes <input type="checkbox"/> No <input type="checkbox"/>
Are setbacks used to protect water?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If no, is an alternative used? Yes <input type="checkbox"/> No <input type="checkbox"/>
Are buffer strips used to protect water?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If no, is an alternative used? Yes <input type="checkbox"/> No <input type="checkbox"/>
Are nutrients applied at agronomic rates?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Are nutrients applied to fallow land? Yes <input type="checkbox"/> No <input type="checkbox"/>
Is manure and process water applied evenly?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Is process water that is applied during rain allowed to runoff into surface waters or wetlands? Yes <input type="checkbox"/> No <input type="checkbox"/>

Description of Deficiencies (if any) or Additional Information:

System component & condition	Yes	No	System component & condition	Yes	No
Ponds are designed to contain all process water and stormwater runoff during a 25-year, 24-hour storm or have a Contingency Plan fully protective of surface water quality?	<input type="checkbox"/>	<input type="checkbox"/>	Design calculations are available for manure storage system?	<input type="checkbox"/>	<input type="checkbox"/>
Soil and clay lined manure ponds have a least 2 ft freeboard?	<input type="checkbox"/>	<input type="checkbox"/>	The facility has a solids separation system?	<input type="checkbox"/>	<input type="checkbox"/>
Ponds are cleaned annually to maintain capacity and check liner integrity?	<input type="checkbox"/>	<input type="checkbox"/>	The pumping system is maintained?	<input type="checkbox"/>	<input type="checkbox"/>

Description of Deficiencies (if any) or Additional Information:

E. Photo Documentation per Monitoring and Reporting Plan (Attachment B)			
<p>Please attach photo documentation of compliance with required preseason pollution prevention measures. Examples of pollution prevention includes cleaning of empty retention ponds, stormwater separation from manured areas, scraping of manured areas, covering manure, compost, and feed storage areas, impermeable ground covering in these storage areas to prevent groundwater contamination, stream zone protection, and any other best management practices or control measures for water quality protection.</p>			
<p>Photo Documentation of Preseason BMPs Attached</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
F. Water Quality Sampling			
<p>Has all surface and ground water quality sampling been completed as described in the Monitoring and Reporting Plan? Yes <input type="checkbox"/> No <input type="checkbox"/> Please attach water quality results from the past 12 months.</p>			
<p>The MRP requires recording of visual observations, such as changes in stream color or turbidity at the time of sampling. Please include those observations below or in an attachment.</p>			

G. Best Management Practices

(Please use additional sheets if more space is needed to fully answer these topics)

Erosion Control: Please describe all measures taken to prevent and minimize the occurrence of erosion and discharge of manure, feed, waste, and soil particles from the dairy to surface or groundwaters:

Nuisance Control: Please describe all measures taken to prevent nuisances. Include odors, breeding mosquitoes, damage from burrowing animals, damage from equipment during removal of solids, embankment settling, erosion seepage, excess weeds, algae, and other vegetation that could compromise the needed capacity or proper functioning of your facility and/or degrade water quality:

Groundwater Protection: Describe measures taken to protect groundwater from contamination at wellheads, sinkholes, and tile drains?

Chemical Disposal: What BMPs and chemical handling methods do you use to prevent negative impacts to surface and groundwater?

Do cows have direct access to any surface water in the production area?

Describe all measures (i.e. BMPs) taken to prevent access of cows to surface waters in the production area:

Describe all measures taken to protect water quality at livestock crossings:

Were the retention ponds emptied, cleaned, and checked for leaks by November 1 of each year?

Have you conducted a permeability test on any of your manure ponds in the past year?

If so, which ponds and what was the result?

For facilities without a prepared Nutrient Management Plan:

In the past year, was manure and process wastewater generated at your facility applied to disposal fields or crop lands at rates that are agronomically sound for the crop, soil, climate, special local situations, management system, and manure/wastewater characteristics?

Please explain:

Please describe the measures taken to avoid surface runoff of manure constituents from the dairy's land application areas:

Please report the last date that manure application and associated fertigation was completed?

Describe the measures taken to minimize infiltration of manure-laden water into underlying soils within manured areas, corrals, pens, and animal housing areas:

Describe the measures taken to separate or divert stormwater from contacting manured areas, corrals, pens, and animal housing areas:

H. Summary

Has all required monitoring been conducted? Yes No

Have all required reports been submitted to the Regional Water Board? Yes No

Does facility meet Regional Water Board Waiver criteria? Yes No

Reports shall be submitted by November 30 of each year to:

North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403
Phone (707) 576-2220
Fax (707) 523-0135

I. Certification of Report Preparer

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this report and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Printed Name Title

Signature Month / day / year