

Name of Operator \_\_\_\_\_  
 Name of Dairy Facility \_\_\_\_\_  
 Facility Address \_\_\_\_\_  
 Contact Name and Phone Number \_\_\_\_\_

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ANNUAL DAIRY REPORT JULY 1, 2008

9. **Summary of Manure and Process Wastewater Discharges from the Production Area**

Provide a summary of all **manure and wastewater discharges from the production area to surface water or to land areas** (land application areas or otherwise) when not in accordance with the facility's Nutrient Management Plan that occurred between Oct. 1, 2007 and Dec. 31, 2007 including the date, time, location, approximate volume, a map showing discharge and sample locations, rationale for sample locations, method of measuring flows. Place an X at the appropriate box below:

- ☐ No discharges occurred during the reporting period.  
☐ Yes \_\_\_\_\_ # of discharges occurred (Summarize all discharges in **Attachment B** and attach)

10. **Summary of Stormwater Discharges from the Production Area**

Provide a summary of all storm water discharges **from the production areas to surface water** between Oct. 1, 2007 and Dec. 31, 2007, including the date, time, approximate volume, duration, location, a map showing discharge and sample locations, rationale for sampling locations and method of measuring discharge flows. Place an X by the appropriate box below.

- ☐ No discharges occurred during the reporting period  
☐ Yes \_\_\_\_\_ # of discharges occurred (Summarize all discharges in **Attachment C** and attach)

11. **Summary of Discharges from the Land Application Area(s)**

Provide a summary of all discharges **from the land application area to surface water** that have occurred between Oct. 1, 2007 and Dec. 31, 2007, including the date, time, approximate volume, location, source of discharge (i.e. tailwater, wastewater or blended wastewater), a map showing discharge and sample locations, rationale for sample locations and method of measuring discharge flows. Place an X by the appropriate box below.

- ☐ No discharges occurred during the reporting period  
☐ Yes \_\_\_\_\_ # of discharges occurred (Summarize all discharges in **Attachment D** and attach)

12. **Nutrient Management Plan Update**

Provide a statement indicating the NMP has been updated and that the NMP was developed or approved by a certified nutrient management planner.

**NOT REQUIRED FOR THE FIRST YEAR.**

13. **Manure/Process Wastewater Tracking Manifests**

Did you sell, give away, or otherwise remove solid, slurry or process wastewater (liquid manure) from your property?

- ☐ No  
☐ Yes, attach manure/wastewater tracking manifests for the period June 30, 2007 through Dec. 31, 2007.  
(General Order Attachment D or CDQAP Binder Tab 6)

14. **Written Agreements**

Any process wastewater transferred to a third party must have a written agreement consistent with State requirements. How many written agreements do you have? \_\_\_\_\_ Attach copies.

15. **Laboratory Analyses for Discharges**

If you answered yes to items #9, 10 or 11 above, attach copies of all laboratory analyses of all discharges (manure, process wastewater or tailwater), surface water (upstream and downstream of a discharge), and stormwater, including chain-of-custody forms and laboratory quality assurance/quality control results, as applicable.

16. **Tabulated Nutrient Analytical Data**

Attach tabulated analytical data, if sampled, for samples of manure, process wastewater, irrigation water, soil and plant tissue. The data shall be tabulated to clearly show sample dates, constituents analyzed, constituent concentrations and detection limits. (If data is available, complete **Attachments E - I**)

## ANNUAL DAIRY REPORT JULY 1, 2008

### 17. Record-Keeping Results

Attach results of the Record-Keeping Requirements for the production and land application areas specified in Record-Keeping Requirements. These include:

- Provide records documenting any corrective actions taken to correct deficiencies noted as a result of the inspections required in the Monitoring Requirements. (Refer to CDQAP Dairy Production Area Visual Inspection and Dairy Land Application Area Visual Inspection sample forms, if used) Deficiencies not corrected in 30 days must be accompanied by an explanation of the factors preventing immediate correction.

Date	Deficiency	Corrective Action	Date Corrected	Explain if greater than 30 days

- Provide records of the date, time and estimated volume of any overflow from production area. (Information already provided in # 9 and 10 above.)
- Provide expected and actual crop yields. (May not be available for the first annual report: attach if available.)
- Provide identification of crop, acreage and dates of planting and harvest for each field. (May not be available for the first annual report: attach if available.)
- Provide dates, locations, and approximate weight and moisture content or volume and density of manure applied to each field. (May not be available for the first annual report: attach if available.)
- Provide weather conditions at time of manure and process wastewater applications and for 24 hours prior to and following applications. (May not be available for the first annual report: attach if available.)
- Provide total amounts of nitrogen, phosphorus and potassium actually applied to each field, including documentation of calculations for the total amount applied. (May not be available for the first annual report, same as #5 ).

ANNUAL DAIRY REPORT JULY 1, 2008

GROUNDWATER MONITORING SECTION (All dischargers must comply with Section 18 a)

18. a. **All dischargers** must attach groundwater information of supply wells and subsurface (tile) drainage systems (sample required by Nov. 3, 2007-all dischargers must attach groundwater information) on the location of sample collection and all field and laboratory data, including all laboratory analyses (including chain-of-custody forms and laboratory quality assurance/quality control results).

**Dischargers with groundwater monitoring well systems**

b. **Dischargers that have monitoring wells systems required by the Regional Board** shall include all laboratory analyses (including chain-of-custody forms and laboratory quality assurance/quality control results) and tabular and graphical summaries of the monitoring data. Data shall be tabulated to clearly show the sample dates, constituents analyzed, constituent concentrations, detection limits, depth to groundwater and groundwater elevations. Graphical summaries of groundwater gradients and flow directions shall also be included. Each groundwater monitoring report shall include a summary data table of all historical and current groundwater elevations and analytical results. The groundwater monitoring reports shall be certified by a California registered professional such as a California Registered Engineer or a California Register Geologist with experience in hydrogeology, or a federal officer or employee who is exempt from the California Business and Professions Code Sections 6739 or 7836).

c. **Dischargers with County-required groundwater sampling** shall submit all groundwater analyses to the Regional Board as required in b above to the extent available.

d. **If groundwater monitoring wells for research purposes** are located at your facility, please check this box. ☐ **Dischargers** with groundwater monitoring for research purposes are exempt from submitting groundwater analyses.

STORM WATER REPORTING SECTION

19. The annual report shall include the following information:  
(Place an X by the appropriate box below.)

- ☐ No significant discharge of storm water occurred from the **land application areas**.  
☐ Yes, significant discharge(s) of storm water occurred from **land application areas**. The following information shall be submitted for those discharges.

- A map showing all sample locations for all land applications areas.
- Rationale for all sampling locations.
- A discussion of how storm water flow measurements were made.
- The results (including the laboratory analyses, chain of custody reports and laboratory quality assurance/quality control) of all samples of storm water.
- Any modifications made to the facility or sampling plan in response to pollutants detected in storm water.

☐ It was not possible to collect any of the required samples or perform visual observations due to adverse climatic conditions.  
Describe the adverse climatic conditions:

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**NOTE:** All unauthorized discharges must be reported to the Regional Board, OES and local environmental health within 24 hours of discharge, followed by a written report to the Regional Board within 2 weeks and laboratory analyses submitted within 45 days of the discharge.

## ANNUAL DAIRY REPORT JULY 1, 2008

*"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document 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."*

\_\_\_\_\_  
Signature of Owner of Facility

\_\_\_\_\_  
Signature of Operator of Facility

\_\_\_\_\_  
Print of Type Name

\_\_\_\_\_  
Print of Type Name

\_\_\_\_\_  
Title and Date

\_\_\_\_\_  
Title and Date

**Note:**

- The results of monitoring conducted more frequently than required at the locations specified in the Monitoring and Reporting Program shall be included in the Annual Report. (You only need to submit the results of additional monitoring if the extra monitoring is being conducted at locations and for the constituents that are already required to be monitored under the Monitoring and Reporting Program.)
- Laboratory analyses for manure, wastewater and soil shall be submitted to the Central Valley Water Board upon request by the Executive Officer.

**The annual report shall be postmarked no later than July 1, 2008 and mailed to:**

**For facilities in Fresno, Kern, Kings, Madera, Mariposa and Tulare counties:**

California Regional Water Quality Control Board  
Central Valley Region  
1685 E Street  
Fresno, CA 93706  
Attention: Confined Animal Regulatory Unit

**For facilities in Butte, Lassen, Modoc, Plumas, Tehama and Shasta counties:**

California Regional Water Quality Control Board  
Central Valley Region  
415 Knollcrest Dr., Suite 100  
Redding, CA 96002  
Attention: Confined Animal Regulatory Unit

**For facilities in all other counties:**

California Regional Water Quality Control Board  
Central Valley Region  
11020 Sun Center Dr., #200  
Rancho Cordova, CA 95670  
Attention: Confined Animal Regulatory Unit

# ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT A

Enter data in white cells only, remainder of spreadsheet is locked.

Estimated Amount of Total Manure and Nutrients Generated for the Report Period										(Reporting Period - May 3, 2007 to December 31, 2007)
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3/4. Type of Animals	Maximum Number of Animals between May 3, 2007 and Dec. 31, 2007	Open Confinement (# of animals in open lots including those with shades)	Housed Under Roof (# of animals in Freestall barns)	Average Live Weight ** (lbs/head)	Average Milk Production (lbs/cow/day)	Predominant Breed of Animals***	Total Manure lbs/day*	Nitrogen lbs/day*	Phosphorus lbs/day*	Potassium lbs/day*
Milk cows							0	0	0	0
Dry cows							0	0	0	0
Bred Heifers 15-24 months							0	0	0	
Heifers 7-14 months							0	0	0	
Calves 4-6 months							0	0	0	
Calves 0-3 months							0	0	0	
Other types of commercial animals										
Total pounds for report period							0			
Total tons for report period										

\*American Society of Agricultural Engineers D384.2 March 2005

\*\* Refer to PDFA

\*\*\*h=Holsteins, j=Jersys, h-j=crossbreds, bs=Brown Swiss, o=other

Estimated Amount of Process Wastewater Generated for the Report Period										(Reporting Period - May 3, 2007 to December 31, 2007)
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Rainwater (gal)		(Current PDFA Pg 5. D)
Milk Barn (gal)		(Current PDFA Pg 5. D)
Fresh Flush (gal)		(Current PDFA Pg 5. D)
Total Gallons	-	
Storage Period (days)		(Current PDFA Pg. 4 B)
Process Wastewater Generated for Report Period (gal)	#DIV/0!	

Name of Dairy Facility \_\_\_\_\_  
Facility Address \_\_\_\_\_

**ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT B**

9. Summary of all manure/wastewater discharges from production are to surface water or land areas not in conformance to the NMP.

Date: \_\_\_\_\_

Time \_\_\_\_\_

Location: \_\_\_\_\_

Volume: \_\_\_\_\_

Method of measuring discharge flows: \_\_\_\_\_

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Attach map showing discharge and sample locations

Rationale for sample locations: \_\_\_\_\_

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**NOTE:** All unauthorized discharges must be reported to the Regional Board, OES and local environmental health within 24 hours of discharge, followed by a written report to the Regional Board within 2 weeks and laboratory analyses submitted within 45 days of the

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

**ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT C**

10. Summary of all storm water discharges from production area to surface water between Oct. 1, 2007 and Dec. 31, 2007.

Date: \_\_\_\_\_

Time \_\_\_\_\_

Volume: \_\_\_\_\_

Location: \_\_\_\_\_

Duration: \_\_\_\_\_

Attach map showing discharge and sample locations

Rationale for sample locations: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Method of measuring discharge flows: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:**

All unauthorized discharges must be reported to the Regional Board, OES and local environmental health within 24 hours of discharge, followed by a written report to the Regional Board within 2 weeks and laboratory analyses submitted within 45 days of the discharge.

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_



**ANNUAL DAIRY REPORT (DUE JULY 1, 2008)    ATTACHMENT D**

11.       Summary of all discharges from land application area to surface water that have occurred between Oct. 1, 2007 and Dec. 31, 2007.

Date: \_\_\_\_\_

Time \_\_\_\_\_

Volume: \_\_\_\_\_

Location: \_\_\_\_\_

Source of discharge

☐

Tailwater

☐

Wastewater

☐

Blended wastewater

☐

Other: \_\_\_\_\_

Attach map showing discharge and sample locations

Rationale for sample locations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Method of measuring discharge flows: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**NOTE:**    All unauthorized discharges must be reported to the Regional Board, OES and local environmental health within 24 hours of discharge, followed by a written report to the Regional Board within 2 weeks and laboratory analyses submitted within 45 days of the discharge.

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

**ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT E**

**MANURE (SOLID OR SLURRY)**

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Density* (if manure volume applied is reported)			
	Percent Moisture* (if manure eight applied is reported)			
	Total Nitrogen*			
	Total Phosphorus*			
	Potassium*			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Calcium			
	Magnesium			
	Sodium			
	Bicarbonate			
	Carbonate			
	Sulfate			
	Chloride			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Total Nitrogen*			
	Total Phosphorus*			
	Potassium*			
	Density* (if manure volume applied is reported)			
	Percent Moisture* (if manure eight applied is reported)			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Calcium			
	Magnesium			
	Sodium			
	Bicarbonate			
	Carbonate			
	Sulfate			
	Chloride			

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

**ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT F**

**PROCESS WASTEWATER**

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Electrical Conductivity			
	Nitrate-Nitrogen (only when pond is aerated)			
	Ammonium Nitrogen			
	Total Kjeldahl N			
	Total Phosphorus			
	Potassium			

**If groundwater monitoring wells are present**

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Calcium			
	Magnesium			
	Sodium			
	Bicarbonate			
	Carbonate			
	Sulfate			
	Chloride			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Electrical Conductivity			
	Nitrate-Nitrogen (only when pond is aerated)			
	Ammonium Nitrogen			
	Total Kjeldahl N			
	Total Phosphorus			
	Potassium			

**If groundwater monitoring wells are present**

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Calcium			
	Magnesium			
	Sodium			
	Bicarbonate			
	Carbonate			
	Sulfate			
	Chloride			

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

## ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT G

## IRRIGATION WATER

[illegible]

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

## ANNUAL DAIRY REPORT (DUE JULY 1, 2008) ATTACHMENT H

## SOIL

[illegible]

Name of Dairy Facility \_\_\_\_\_

Facility Address \_\_\_\_\_

**ANNUAL DAIRY REPORT (DUE JULY 1, 2008)    ATTACHMENT I**

**PLANT TISSUE**

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Total Nitrogen			
	Phosphorus			
	Potassium (expressed as dry weight)			
	% Wt (if weight of harvested material is reported) or			
	Density (if volume of harvested material is reported			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Total Nitrogen			
	Phosphorus			
	Potassium (expressed as dry weight)			
	% Wt (if weight of harvested material is reported) or			
	Density (if volume of harvested material is reported			

Sample Date	Constituent Analyzed	Constituent Concentration	Constituent Unit	Detection Limit
	Total Nitrogen			
	Phosphorus			
	Potassium (expressed as dry weight)			
	% Wt (if weight of harvested material is reported) or			
	Density (if volume of harvested material is reported			

Name of Dairy Facility \_\_\_\_\_  
 Facility Address \_\_\_\_\_