

This report contains information required to be submitted as outlined by the Annual Reporting section of the Revised Monitoring and Reporting Program No. R5-2013-0122 (pages MRP-12 through 14) for this dairy facility. This report is due by July 01 following the reporting year.

## I. General Section

### 1. Reporting Period

This Annual Monitoring Report contains the required information for the period of January 01 through December 31. Field data contains information pertaining to crop activities for all crops harvested within this period. This allows for continuity of the winter crops.

### 2. Herd Profile and Housing of the Dairy

The maximum and average number and type of animals, whether in open confinement or housed under roof is provided in Attachment A.

### 3. Estimated Amount of Total Manure, Process Water, and Nutrients Generated

The estimated total amount of manure and process wastewater generated for this period is provided in Attachment A.

### 4. Estimated Amount of Total Manure, Process Water, and Nutrients Applied

The estimated total amount of manure and process wastewater applied for this period is provided in Attachment A.

Individual applications to each field (Item 17, Record Keeping) is provided in Attachment E.

### 5. Ratio of Total Nitrogen Applied to Removed for Land Application Areas

The ratio of total nitrogen (inorganic & organic) applied to land application areas and the total nitrogen removed by crop harvest is provided in Attachment C.

Also provided is the Plant Available Nitrogen (PAN) ratio which includes the inorganic nitrogen and calculates how much of the organic nitrogen has become available to the plant through mineralization for that crop. This includes both what is applied during that growing season and the residual amounts from previous applications to that field.

### 6. Estimated Amount of Total Manure, Process Water, and Nutrients Transferred

The estimated total amount of manure and process wastewater transferred offsite for this period is provided in Attachment A.

Individual transfers are documented in Attachment G.

Transfer documentation can be found in Item 13, Manure Tracking Manifests.

### 7. Land Application Areas Without Manure Applications

The total number of acres and APN's for all land application areas that did not receive manure applications during the period is provided in Attachment B.

### 8. Land Application Areas With Manure Applications

The total number of acres and APN's for all land application areas that did receive manure applications during the period is provided in Attachment B.

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

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 during the reporting period is provided.

- No discharges occurred during the reporting period.  
 Yes, \_\_\_\_\_ discharges occurred. (See Attachment for detailed reports.)

**10. Summary of Storm Water Discharges from the Production Area**

A summary of all storm water discharges from the production areas to surface water during the reporting period is provided.

- No discharges occurred during the reporting period.  
 Yes, \_\_\_\_\_ discharges occurred. (See Attachment for detailed reports.)

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

A summary of all discharges from land application area to surface water that have occurred during the reporting period is provided.

- No discharges occurred during the reporting period.  
 Yes, \_\_\_\_\_ discharges occurred. (See Attachment for detailed reports.)

**12. Nutrient Management Plan Update****12.1 Was the facility's NMP updated in the reporting period?**

- No.  
 Yes.

**12.2 Was the facility's NMP developed and certified by a certified nutrient management specialist?**

- No.  
 Yes.

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

Solid, slurry, or process wastewater that is sold, given away, or otherwise removed from the facility is documented on a manifest.

- No transfers occurred.  
 Yes, attached are the manure and/or wastewater tracking manifests (See Attachment D's as titled by R5-2007-0035 Attachment D).

**14. Written Agreements**

Any process wastewater transferred to a third party must have a written agreement consistent with the Regional Board requirements. Any new agreements within the reporting period must be submitted.

- No wastewater agreements for this facility.  
 There is \_\_\_\_\_ one \_\_\_\_\_ current wastewater agreement for this facility.  
 There are \_\_\_\_\_ new agreements this reporting period and are attached.

**15. Laboratory Analysis for Discharges**

Laboratory analysis chain-of-custody forms and laboratory quality assurance/quality control documentation of all discharges described in Items #9, #10 and/or #11 are in the reports provided in Attachment J.