

ANNUAL DAIRY REPORT JULY 1, 2010

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

Amended Report
showing correct address
Reporting Period:
Jan 1, 2009 thru Dec 31, 2009

Name of Operator	Henry Tostia
Name of Dairy Facility	Henry Tostia Dairy
Facility Address	20662 San Jose Rd Tracy, CA 95304
Contact Name and Phone Number	Henry Tostia (209) 836-1286

Final Version 8C

All attachments included with Annual Report should include dairy name and address

1. **Report Period: January 1, 2009 to December 31, 2009**
2. **Annual Dairy Facility Assessment (ADFA)**
Were there or will there be any changes to the information provided in your Preliminary Dairy Facility Assessment (PDFFA) or Annual Dairy Facility Assessment from the last assessment submitted. This includes any changes or proposed changes included in the Proposed Interim Facility Modification to Balance Nitrogen and to Improve Storage Capacity, if submitted.
 Yes, [you must complete and include the ADFA (an updated PDFFA) with your Annual Report. The ADFA (the updated PDFFA) should be completed assuming that all proposed interim modifications have been completed.]
 No (you do not need to complete or submit the ADFA)
3. **Number and Type of Animals (complete Attachment A and attach)**
4. **Estimated Amount of Total Manure, Process Wastewater, and Nutrients Generated (complete Attachment A and attach)**
5. **Estimated Amount of Total Manure, Process Wastewater, and Nutrients Applied to each land application area (Complete Attachments A-1 or A-2, depending on data reporting format (% moisture or density), and A-3, and attach).**
6. **Estimated Amount of Total Manure, Process Wastewater, and Nutrients Transferred to Other Persons (Complete Attachment L and attach).**
Refer to item #13 below to attach copies of individual manifests.
7. **Land Application Area Description (complete table in #8 below and attach).**

Dairy Monitor

ANNUAL DAIRY REPORT JULY 1, 2009

*Amended Report
showing correct address
Reporting Period:
Jan 1, 2009 thru Dec 31, 2009*

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 Jan. 1, 2008 and Dec. 31, 2008 including the date, time, location, approximate volume, a map showing discharge and sample locations, rationale for sample locations, method of measuring discharge flows. Click 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 Storm water Discharges from the Production Area

Provide a summary of all storm water discharges from the production areas to surface water between Jan. 1, 2008 and Dec. 31, 2008, 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. Click 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 Jan. 1, 2008 and Dec. 31, 2008, 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. Click the appropriate box below:

- No Discharges occurring 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 if the NMP has been updated and if the current version of the NMP was developed or approved by a certified nutrient management planner. Not applicable to the Annual Dairy Report due July 1, 2009.

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 Jan. 1, 2008 through Dec. 31, 2008. (General Order Attachment D or CDQAP Binder Tab 5)

14. Written Agreements

Any third party that receives process wastewater from you dairy for its own use must have a written agreement consistent with State requirements. Attach copies of revised or new agreements not submitted previously. Do not resubmit agreements submitted previously if there are no revisions. How many total (including new agreements submitted with this report) written agreements do you have?

15. Laboratory Analyses for Discharges

If you answered Yes to items #9, 10 or 11 above, attach copies of all laboratory analyses for 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.

Tabulated Nutrient Analytical Data

Attach tabulated analytical data, 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. (Complete Attachments E through I and attach)

ANNUAL DAIRY REPORT JULY 1, 2009

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.

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

STORM WATER REPORTING SECTION

19. The annual report shall include the following information:

(Click the appropriate box below)

- No significant discharge (see note #2 below) 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:

NOTE 1) 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.

2) A significant discharge of storm water occurs during continuous storm water runoff for a minimum of one hour, or intermittent storm water runoff for a minimum of three hours in a 12-hour period.

"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

Signature of Owner of Facility
Henry Tosta

Signature of Operator of Facility

Print or Type Name
 Henry Tosta

Print or Type Name
 Henry Tosta

OWNER/OPERATOR
 7-5-11
 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.
 • Laboratory analyses for manure, wastewater and soil shall be submitted to the Central Valley Water Board upon request by the Executive Officer.

ANNUAL DAIRY REPORT JULY 1, 2009

The annual report shall be postmarked no later than July 1, 2009 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, 2009) ATTACHMENT A (Page 1 of 2)

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

Estimated Amount of Total Manure and Nutrients Generated for the Report Period

Amended Report
showing correct address
Reporting Period:
Jan 1, 2009 thru Dec 31, 2009

Type of Animals	Maximum Number of Animals between Jan. 1, 2008 and Dec. 31, 2008	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*	
											Average Live Weight (lbs/head)
Milk cows	800			1,400	68	Holstein	141,250	728	123	153	
Dairy cows	150			1,500		Holstein	12,159	75	10	50	
Bred Heifers 6-24 months	250			1,150		Holstein	14,974	65			
Heifers 7-14 months	200			730		Holstein	10,467	52	9		
Calves 4-6 months	150					Holstein	2,850	21			
Calves 0-3 months	75					Holstein	1,425	11			
Other types of commercial animals											
Total pounds for report period								27,945	347,363	55,662	7,382
Total tons for report period											

* American Society of Agricultural Engineers D384.2 March 2005

** Refer to PDFA

***H=Holsteins, J=Jerseys, HJ=crossbreeds, BS=Brown Swiss, O=other

Name of Dairy Facility
Facility Address

Henry Tosta Dairy
20662 San Jose Rd Tracy, CA 95304

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT A (Page 2 of 2)

4. **Estimated Amount of Total Process Wastewater and Nutrients** (Reporting Period)

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

Total gallons of Process Wastewater Generated (1,000 gals.) ****	Average Total Kjeldahl Nitrogen Concentration* (mg/l)	Average NO ₃ -N Concentration* if pond aerated (mg/l)	Total Pounds of Nitrogen Generated**	Average Total Phosphorus* Conc. (mg/l)	Total Pounds of Phosphorus** Generated	Average Potassium* Concentration (mg/l)	Total Pounds of Potassium** Generated	Average Electrical Conductivity* (EC) (umhos/cm)	Total Pounds of Salt Generated***
0	785.25	0	0.0	58	0.0	965	0.0	6732.5	0.0

Note: If pond is not aerated then enter 0 (zero) for average NO₃-N concentration.

* The average Total Kjeldahl Nitrogen, NO₃-N, total phosphorus, potassium, and electrical conductivity concentrations should be determined based on an average of all process wastewater sample results (Attachment F)

** The total pounds of nitrogen, phosphorus and potassium generated = Average Concentration (milligrams/liter) X 1,000s of Total Gallons Generated X 8.33 X 10⁻³.

*** Total pounds of salt are calculated as total dissolved solids (milligram per liter) X 1,000s of total gallons of processed wastewater generated X 8.33 X 10⁻³, where Total Dissolved Solids equal average electrical conductivity (umhos/cm) X 0.60.

****The total gallons (in 1,000s of gallons) of process wastewater generated is calculated as the total gallons of process wastewater applied to all land application areas (the sum of all land application area totals from Attachment A-3 plus the total gallons of process wastewater transferred offsite from Attachment L).

Note: The total dissolved solids conversion factor of 0.60 was obtained from the '19th Edition Standard Methods for the Examination of Water and Wastewater', Section 1030 F, where the calculated TDS to EC ratio ranges from 0.55-0.7. This conversion factor is an estimate to be used for salt tracking (comparison within an individual site over time) on an interim basis until a waste-specific factor is developed showing the relationship between electrical conductivity and total dissolved solids in dairy wastewater.

Name of Dairy Facility	Henry Tosta Dairy
Facility Address	20662 San Jose Rd Tracy, CA 95304

**ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT A-1
SUMMARY OF SOLID MANURE TO LAND APPLICATION AREAS IN TONS**

Amended Report
showing correct address
Reporting Period:
Jan 1, 2009 thru Dec 31, 2009

Total Tons (As Is) of Manure Applied	Total Dry Tons of Manure Applied	Total Pounds of Nitrogen	Total Pounds of Phosphorus Applied	Total Pounds of Potassium Applied
2,270	1,305	58,997	10,703	88,757

Complete solid manure land application to each area on individual sheets following (pages 1 through 35 as needed).

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT A-3
 SUMMARY PROCESS WASTEWATER LAND APPLICATION

Total Process Wastewater Applied (1,000 gals)	Total Pounds of Nitrogen Applied**	Total Pounds of Phosphorus Applied**	Total Pounds of Potassium Applied**	Total Pounds of Salt Applied***
0	#VALUE!	#VALUE!	#VALUE!	#VALUE!

NO LAGOON WATER APPLICATIONS

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT B

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

Date:
 Time:
 Location:
 Volume:

Method of measuring discharge flows:
 THERE WERE NO DISCHARGES

Attach map showing discharge and sample locations

Rationale for sample locations:

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

Henry Tosta Dairy
 20662 San Jose Rd Tracy, CA 95304

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT I

TABLATED PLANT TISSUE ANALYSIS (ON A DRY WEIGHT BASIS)
 AT HARVEST, UNLESS OTHERWISE NOTED

All non-detects should be reported as 0 (zero)

NOTE: Report either percent moisture or density.

Sample Date	mm/dd/yy	(Field #)	(Must be entered in sequence)	Crop	Density (lbs/cu ft) if Volume Reported	Moisture (%)	Total Nitrogen* (%)	Phosphorus* (%)	Potassium* (%)
4/28/2009	1	Oats	0	0	0	1.63	0.26	2.9	
1/6/2010	1	Corn	0	0	0	1.08	0.23	0.93	
avg	2	Alfalfa	0	0	0	3.41	0.31	2.3	
4/17/2009	3	Alfalfa	0	0	0	3.41	0.31	2.3	
avg	4	Oats	0	0	0	1.63	0.26	2.9	
avg	4	Corn	0	0	0	1.08	0.23	0.93	
avg	6	Oats	0	0	0	1.63	0.26	2.9	
avg	6	Corn	0	0	0	1.08	0.23	0.93	
avg	8	Alfalfa	0	0	0	3.41	0.31	2.3	

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT L (Page 1 of 2)
ESTIMATED MANURE & PROCESS WASTEWATER/NUTRIENTS TRANSFERRED OFFSITE
 Complete the appropriate table below for manure measured in tons and/or cubic yards

Amended Report
 showing correct address
 Reporting Period:

Jan 1, 2009 thru Dec 31, 2009

A. ESTIMATED TOTAL MANURE TRANSFERRED OFFSITE

Total Manure (tons)*	Average Moisture (%)*	Average Total Nitrogen Conc. (% dry weight)**	Total Nitrogen (lbs)****	Average Phosphorus Conc. (% dry weight)**	Total Phosphorus (lbs)****	Average Potassium Conc. (% dry weight)**	Total Potassium (lbs)****
2,500	42.5	2.26	64975	0.41	11788	3.4	97750

OR

Total Manure (cu.yds)*	Average Density (lbs/ft³)*	Average Total Nitrogen Conc. (% as-is weight)****	Total Nitrogen (lbs)*****	Average Phosphorus Conc. (% as-is weight)***	Total Phosphorus (lbs)*****	Average Potassium Conc. (% as-is weight)***	Total Potassium (lbs)*****
0	0	0	#VALUE!	0	#VALUE!	0	#VALUE!

* The Total Manure (tons) and/or Total Manure (cubic yards) should be calculated as the sum of all manure transferred offsite as reported in all the Manure/Process Wastewater Tracking Manifests (Attachment D of the General Order) for the reporting period. The Average Moisture and Average Density are calculated in Attachments E-1 and E-2, respectively.

** From Attachment E-1

*** From Attachment E-2

**** Total (N,P or K) (lbs) = (Total Manure (tons) X 2000lb./ton) X ((100 - moisture %)/100) X Average (Total N,P or K) Concentration (% dry weight) X 10⁶ X 10,000.

***** Total (N,P or K) (lbs) = Total Manure (cubic yards) X Density (lbs/ft³) X Average Concentration (% as-is weight) X 10⁶ X 27 X 10,000.

Name of Dairy Facility
 Facility Address

Henry Tosta Dairy
20662 San Jose Rd Tracy, CA 95304

ANNUAL DAIRY REPORT (DUE JULY 1, 2009) ATTACHMENT L (Page 2 of 2)
ESTIMATED MANURE & PROCESSED WASTEWATER/NUTRIENTS TRANSFERRED OFFSITE
 Complete the appropriate table below for manure measured in tons and/or cubic yards

Amended Report
 showing correct address
 Reporting Period:
 Jan 1, 2009 thru Dec 31, 2009

B. ESTIMATED TOTAL PROCESS WASTEWATER TRANSFERRED OFFSITE

Total Process Wastewater (1,000 gals)*	Average Ammonium-Nitrogen conc. ** (mg/L)	Average NO ₃ -N conc. ** (mg/L)	Average Total Kjeldahl Nitrogen conc. ** (mg/L)	Total Nitrogen (lbs)****	Average Phosphorus Conc. ** (mg/L)**	Total Phosphorus (lbs)****	Average Potassium Conc. (mg/L)**	Total Potassium (lbs)****	Average Electrical Conductivity (umhos/cm) **	Estimated Total Salts (lbs)*****
20825	0	78525	0.0	0.0	58	0.0	965	0.0	67325	0.0

* From General Order Attachment D or CDOAP Ref. Binder Tab 6

** From Attachment F

*** Total Nitrogen (lbs) = Total Process Wastewater (1,000 gallons) X (Average NO₃-N + Average Total Kjeldahl Nitrogen)(mg/L) X 8.3 X 10⁻³.

**** Total Phosphorus (or Potassium) (lbs) = Total Process Wastewater (1,000 gallons) X Average Phosphorus (or Potassium) Concentration (mg/L) X 8.3 X 10⁻³.

***** Total pounds of salt are calculated as total dissolved solids (milligram per liter) X 1,000s of total gallons of processed wastewater generated X 8.33 X 10⁻³, where Total Dissolved Solids equal average electrical conductivity (umhos/cm) X 0.60.

Note: The total dissolved solids conversion factor of 0.60 was obtained from the '19th Edition Standard Methods for the Examination of Water and Wastewater', Section 1030 F, where the calculated TDS to EC ratio ranges from 0.55-0.7. This conversion factor is an estimate to be used for salt tracking (comparison within an individual site over time) on an interim basis until a waste-specific factor is developed showing the relationship between electrical conductivity and total dissolved solids in dairy wastewater.

Name of Dairy Facility	Henry Tosta Dairy
Facility Address	20662 San Jose Rd Tracy, CA 95304



RECEIVED
COMMUNICATIONS
CARMY & WOOD

11 SEP -7 PM 2:56 '55

September 6, 2011

To: CA Water Board

Re: Amended 2009 Reports

Tosta Dairy
20662 San Jose Road
Tracy, CA 95304

Dear Charlene,

The 2009 Annual Report & the Production Design & Construction Report submitted in 2009 reflect an incorrect facility address, on Reeve Rd. We are enclosing an amended 2009 Annual Report & Production Design & Construction Report. Please accept this letter as a correction to that error. The 2010 reports due July 1, 2011 reflect the correct facility address.

The correct facility address is: 20662 San Jose Road Tracy CA 95304

Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Miriam", written over a horizontal line.

Miriam Romero-Garcia
Dairy Monitoring Co.

Main Office: 1108 W. Main St. Ripon, CA 95366 209-599-4955

Amended Report
showing correct address

CDQAP - WDR General
Order Reference Binder
TAB 6.22, November 2009



PRODUCTION AREA DESIGN & CONSTRUCTION REPORT

PART I: DAIRY FACILITY INFORMATION

A. Name of Dairy or Business Operating the Dairy: Henry Tosta Dairy

Physical address of Dairy:

20662 San Jose Rd.
Tracy City
San Joaquin County
95304 Zip Code

B. Operator Name: Henry Tosta Telephone No: (209) 836-1286

Operator mailing address:

20662 San Jose Rd.
Tracy City
San Joaquin County
95304 Zip Code

C. Owner Name: Henry Tosta Telephone No: (209) 836-1286

Owner Mailing Address:

20662 San Jose Rd.
Tracy City
San Joaquin County
95304 Zip Code

PART II: DESIGN AND CONSTRUCTION DETAILS

A. Corrals and Pens

(1) Is all process wastewater collected in the retention pond? Yes No

If Yes, describe how (circle all that apply):

ditch curbs berm(s) drainpipe sumps pumps other

Explain how your system works: Collected & pumped to lagoons, some gravity flow to lagoons

(5) Are there conveyance structures such as earthen ditches, bermed channels, or swales where manure water stands for more than 72 hours? Yes No

If No, explain how standing water is avoided: _____

If Yes, explain what modifications or improvements are proposed, and provide a schedule for construction. Note: a certification of completion must be provided when complete): _____

B. Animal Housing Area

(1) Is the animal housing area (i.e., barn, shed, milk parlor, paved and unpaved roadways and areas within the production area, etc.) designed, and constructed to drain all water that has contacted animal wastes to the retention pond? Yes No Partially

If Yes, describe how (circle all that apply)

ditch curbs berm(s) slope elevation drainpipe other

Explain how your system works: *All water collected & pumped into lagoons, same*

gravity flow.

If No or Partially, describe the areas not diverted to the retention pond: _____

For the areas not diverted to the retention pond, explain what modifications or improvements are proposed, and a schedule for construction. (Note: a certification of completion must be provided when complete): _____

(2) Are there any areas, outside of the retention system, where water that has contacted manure stands for more than 72 hours? Yes No

If No, describe how your system works to avoid standing water: *Proper Grading*

Amended Report
showing correct address

If No, describe how standing leachate and water is prevented or handled: Grading

If Yes, explain what modifications or improvements are proposed, and provide a schedule for construction. (Note: a certification of completion must be provided when complete):

(3) Are there conveyance structures such as earthen ditches, bermed channels, or swales where leachate or water that has contacted stored manure, bedding, or feed stands for more than 72 hours, or are there parts of the system that are used for storage of leachate or manure water? Yes No

If Yes, explain what modifications or improvements are proposed to prevent this condition, and provide a schedule for construction. (Notes: a certification of completion must be provided when complete):

PART III: CERTIFICATION OF COMPLETION THAT PROPOSED MODIFICATIONS OR IMPROVEMENTS TO ACHIEVE THE DESIGN AND CONSTRUCTION CRITERIA (due by 1 July 2011)

I certify that the modifications or improvements identified above or similar alternatives were completed to achieve collection and management of all process wastewater, water that has contacted animal wastes, and runoff and leachate from manure and feed storage areas.

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
Henry Tosta

SIGNATURE OF OPERATOR

PRINT OR TYPE NAME
Henry Tosta

PRINT OR TYPE NAME
Henry Tosta

DATE

7-5-11

DATE