



Linda S. Adams
Secretary for
Environmental
Protection

2008

California Regional Water Quality Control Board

Central Valley Region

Karl E. Longley, ScD, P.E., Chair



Arnold
Schwarzenegger
Governor

Sacramento Main Office
11020 Sun Center Drive #200, Rancho Cordova, California 95670-6114
Phone (916) 464-3291 • FAX (916) 464-4645
<http://www.waterboards.ca.gov/centralvalley>

complete ✓

2008 Annual Report Incomplete Submittal Notification

Date: 28 August 2009

Dairy Name Henry Tosta Dairy

Dairy Address: 20002 San Jose Rd, Tracy

Date Annual Report Received by Regional Board: 7/22/09

Thank you for submitting your Annual Report. We appreciate your time. However, your package is incomplete for the following reasons:

Missing Documents: Annual Report Salt Report Statement of Completion

Missing or Incorrect Signature Of Owner and/or Operator on Annual Report

Missing Annual Report Attachments: A (pg 2) A-1/A-2 A-3 E-1/E-2 F/F-1 I L
see note below

(Note – sample data to complete these attachments cannot be collected at a later date. Please verify that samples were not collected at the times required. Be aware that these samples are required each year under the General Order and continued failure to collect these data may subject you to enforcement action in the future.)

Missing Annual Report Attachments: A (cow count table) B/C/D (for discharges) G H J K

(Note – For Attachments B/C/D, complete as much information as possible and submit the attachment. For Attachments G, H, J, or K, collect the missing information and rerun the attachment.)

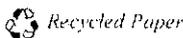
Missing Manure Manifests

Missing Groundwater Lab Results and/or Chain of Custody Form

OR Other Missing Information Attachment A1 of your Annual report only included information for field 1. Please submit a new A1 for fields 2 through 8 if it is available. Rcvd phone call 9/2 - no manure applied to these fields.

Please provide the missing information by 30 September 2009. If you have questions, please contact Charlene Herbst at (916) 464-4724.

California Environmental Protection Agency



Check Box if Dairy is Empty

complete
9/2/09
dy ✓

Dairy Name: Henry Tosta Dairy
Dairy Address: 20062 San Jose Rd, Tracy
Date Annual Report Received: 7/22/09

Annual Report Document Review

Signatures: Yes Missing Operator
 Missing Owner Missing Both

Completed Attachment A? yes or no

	Number of Mature Cows	Number of Acres
2008 Annual Report	<u>1167</u>	<u>566</u>
2005 ROWD + 15%	<u>1196</u>	<u>172</u>

Completed Attachment A-1 or A-2 and A-3? yes or no *missing more pgs?*

Completed Discharge Attachments (B - D)? yes or no or n/a *OK*

Completed Attachment E-1 or E-2 (manure analysis)? yes or no

Completed Attachment F or F-1 (Process Wastewater Analysis)? yes or no

Completed Attachment G (Irrigation Water Analysis)? yes or no

Completed Attachment H (Soil Analysis)? yes or no

Completed Attachment I (Plant Tissue Analysis)? yes or no

Completed Attachment J (Planting/Harvesting Data)? yes or no

Completed Attachment K (Weather Conditions)? yes or no *excuse given*

Completed Attachment L (Offsite Transfer Estimates)? yes or no or n/a

Number of Manure Manifests Received: 1

Number of Wastewater Agreements Have: 0

Number of New Wastewater Agreements Received: 0

Review of Other Submittals

Updated PDFA? yes or no

NMP Statement of Completion Received: yes or no

Salt Report Received? yes or no

Interim Facility Modification Completion Form Required? yes or no

Interim Facility Modification Completion Form Received? yes or no or n/a

Is anything checked on the Preliminary Infrastructure Needs Checklist under Land Application Area submitted Dec. 08? (If yes, Retrofit Plan may be required) yes or no

Retrofitting Plan with Schedule Received? yes or no or n/a

November 3rd Groundwater Results? yes or no

Chain of Custody Received? yes or no

ANNUAL DAIRY REPORT JULY 1, 2009

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

Final Version 8C

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

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

1. **Report Period: January 1, 2008 to December 31, 2008**
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).**

RECEIVED
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CVR WOOD
00 JUL 22 PM 04:00

OK

ANNUAL DAIRY REPORT JULY 1, 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 6)

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.

16. **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

17. **Record-Keeping Results**
 Attach results of the Record-Keeping Requirements for the production and land application areas specified in Record-Keeping Requirements (attach additional sheets if necessary). 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 CDOAP 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	Location (Production or Land Application Area)	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.
- Provide expected and actual crop yields for any land application areas. (Attachment J and attach)
- Provide identification of crop, acreage and dates of planting and harvest for each field. (Attachment J and attach)
- Provide dates, locations, and approximate weight and moisture content or volume and density of manure applied to each field. (Attachment A-1 or A-2 and attach)
- Provide dates, locations, and volume of process wastewater applied to each field. (Attachment A-3 and attach)
- Provide weather conditions at time of manure and process wastewater applications and for 24 hours prior to and following applications. (Attachment K and attach)
- Provide total amounts of nitrogen, phosphorus and potassium actually applied to each field, including documentation of calculations for the total amount applied. (Attachments A-1 or A-2, and A-3 and attach)

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

18. a. All dischargers must attach groundwater information for supply wells and subsurface (tile) drainage systems including 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 well 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 for 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 Registered 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.

ANNUAL DAIRY REPORT JULY 1, 2009

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:

(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

Henry Costa
Signature of Owner of Facility

Same
Signature of Operator of Facility

Henry Costa
Print or Type Name

/ /
Print or Type Name

owner/operator 6-16-09
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										(Reporting Period - Jan. 1, 2008 to December 31, 2008)			
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*			
Milk cows	978		978	1,400	68	H	135,003	830	150	87			
Dairy cows	189	189		1,500		H	15,320	95	12	62			
Bred Heifers 15-24 months	550	550		1,100		H	32,449	143	24				
Heifers 7-14 months	250	250		750		H	13,174	65	11				
Calves 6 months							0	0	0	0			
Calves 0-3 months							0	0	0	0			
Other types of commercial animals													
Total pounds for report period							35,943	435363	72302	30924			
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 Road 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 - Jan. 1, 2008 to December 31, 2008)

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 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	649333333	0	0.0	60.66666667	0.0	65.66666667	0.0	83123333	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
Facility Address

Henry Tosta Dairy
20662 San Jose Road Tracy, CA 95304

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

Total Tons (As Is) of Manure Applied	Total Dry Tons of Manure Applied	Total Pounds of Nitrogen Applied	Total Pounds of Phosphorus Applied	Total Pounds of Potassium Applied
900	417	15,751	5,334	26,669

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***					

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

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)****
2170	45.6	2.285	53948	0.76	17043	3	73190

OR

Total Manure (cu.yds)*	Average Density (lbs/ft ³)*	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	0	0	0	0	0

* 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 Road 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

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)*****
0	287	1549	333333	0.0	60.66666667	0.0	165.1666667	0.0	8313.333333	0.0

* From General Order Attachment D or CDQAP 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
 Facility Address

Henry Tosta Dairy
 20662 San Jose Road Tracy, CA 95304

ATTACHMENT D

Manure/Process Wastewater Tracking Manifest
For
Existing Milk Cow Dairies

Instructions:

- 1) Complete one manifest for each hauling event, for each destination. A hauling event may last for several days, as long as the manure is being hauled to the same destination.
- 2) If there are multiple destinations, **complete a separate form for each destination.**
- 3) The operator must obtain the signature of the hauler upon completion of each manure-hauling event.
- 4) The operator shall submit copies of manure/process wastewater tracking manifest(s) with the Annual Monitoring Report for Existing Milk Cow Dairies.

Operator Information:

Name of Operator: Henry Tosta
 Name of Dairy Facility: Henry Tosta Dairy
 Facility Address: 20662 San Jose Rd. Tracy 95304
Number and Street City Zip Code
 Contact Person Name and Phone Number: Henry Tosta 814-0139
Name Phone Number

Manure/Process Wastewater Hauler Information:

Name of Hauling Company/Person: Avila Spreading
 Address of Hauling Company/Person: PO Box 580742 Madesto 95358
Number and Street City Zip Code
 Contact Person: Lonnie Avila (209) 523-0266
Name Phone Number

Destination Information:

Composting Facility / Broker / Farmer / Other (identify) Dairy Farmer (please circle one)
 Contact information of Composting Facility, Broker, Farmer, or Other (as identified above):
Joe Henriques Henriques 8255 Maze Blvd Madesto 95358 602-3893
Name Number and Street City Zip Code Phone Number

Manure/Process Wastewater Destination Address or Assessor's Parcel Number:
Same as above

Number and Street City Zip Code Assessor's Parcel Number

Dates Hauled: 11/10 - 11/11-08

Amount Hauled:

Enter the amount of manure hauled in tons or cubic yards (indicate the units used), the manure solids content (if amount reported in tons) or manure density (if amount reported in cubic yards), and the method used to calculate the amount:

* Manure: 2170 Tons or Cubic Yards (indicate which units used)
 Manure Solids Content (if amount reported in tons): _____
 Manure Density (if amount reported in cubic yards): _____



Manure.



Waste Discharge Requirements General Order No. R5-2007-0035
Existing Milk Cow Dairies

Method used to determine amount of manure: hauler's tags

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount.

Process Wastewater: _____ Gallons

Method used to determine volume of process wastewater: _____

Written Agreement:

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use? (please check one)

Yes No

If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after **31 December 2007** to such party.

_____ (Operator shall provide initials here to acknowledge this requirement).

Certification:

I declare under the penalty of law that I personally examined and am familiar with the information submitted in this document, 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 a fine and imprisonment for knowing violations.

Operator's Signature: Henry Jesta Date: 11-13-08

* Hauler's Signature: _____ Date: _____



P.O. Box 580742 • Modesto, CA 95358
Fed ID # 77-0480211

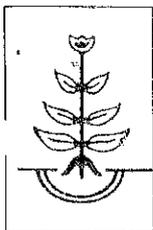
For: Henry Toste Dairy
20662 San Jose Rd
Tracy, CA 95389

Date: 12-29-08

LOADS	DESCRIPTION	AMOUNT
217	2170 tons / 4340 yards of manure taken by Joe Henriques 11/10, 11/11	

Past due after 10 days from date. If account unpaid within time permitted, customer agrees to pay interest at 18% per annum and attorney's fees if account is referred to an attorney for collection. The undersigned hereby states that he is authorized to bind the principal to the terms hereof.

X



DENELE ANALYTICAL, INC.

1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.deneleab.com

3/24/2008

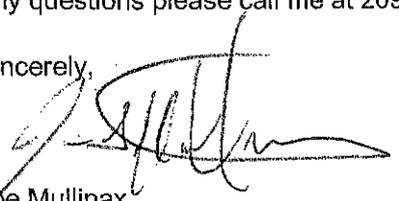
Per the general order, we are in full compliance and running the methods required for the general order.

Our lab is also NFTA Certified, our lab ELAP Certification is under Denele Argon Labs. Our certification # is 2359.

As per the order we are not running the UCD methods for manure and are running the MAP methods for manure on all our Dairy Compliance testing.

Any questions please call me at 209-634-9055.

Sincerely,



Joe Mullinax



DENELE ANALYTICAL, INC.

1232 South Ave. • Turlock, CA 95380 • Ph. (209) 634-9055 • Fax (209) 634-9057 • www.denelelab.com

DAIRY COMPLIANCE ANALYSIS REPORT

Henry Tosta



Date Reported: 6/30/2008
Submitted By: Henry Tosta
Project ID:

Analysis Performed: H1

Sample ID	Lab ID	Analyte	Amount	Units
Well # 1 ✓	130429	EC	0.72	mmhos/cm
		NO3-N	1.2 ✓	mg/L

NO3 QC BATCH

Blank	N.D.
Matrix Spike	97%
Matrix Spike Duplicate	77%
Lab Control Spike	89%
Lab Control Spike Duplicate	88%
Method Detection Limit	0.5

Liability Limits:

The warranty of Denele Analytical is limited to the accuracy of the analyses of the samples as received. Denele Analytical assumes no responsibility for which the customer uses our test results, nor liability for any other warranties, expressed or implied.

These terms and conditions shall supercede any conflicting terms and conditions submitted on customer purchase orders or other forms submitted for work.

DENELE ANALYTICAL
 1232 SOUTH AVE.
 TURLOCK, CA 95380
 PH# 209-634-9055 FAX# 209-634-9057

CDC
 ADVANTAGE OR MEMBER

DATE: 5-9-08

DAIRY#

(INTERNAL USE ONLY)

REPORT & BILL TO

COPY TO

CLIENT: HENRIE TOSTA
 ADDRESS: 20662 SAN JOSE RD
 CITY, STATE: TRACY, CA ZIP: 92279
 PHONE: 836-1280 FAX:

Full Sample
 Record Keeping
 Information to Dairy
 (INTERNAL USE ONLY)

PROJECT ID:

SAMPLES (PRINT) Henry TOSTA
 BY (SIGN) Henry TOSTA

DATE COLLECTED	TIME COLLECTED	TEST CODE	TYPE	EC	SAMPLE ID	WELL	DESCRIPTION	LAB #
5-8		F10			TISSUE		DESIGNA FIELD	130426
5-8		F10			'1		FIELD 73	130427
5-8		M3			MANG			130428
5-8		H1			WATER		WELL	130429
5-8		H6			WATER		LOCATION	130430
5-8		H3			LAGOON			130431

REMARKS:

RECEIVED BY (SIGNATURE) Henry TOSTA
 DATE 5-9-08

RECEIVED BY (SIGNATURE) Henry TOSTA
 DATE 5-9-08
 TIME 12:00

COOL

**STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035**



Waste Discharge Requirements General Order No. R5-2007-0035 for Existing Milk Cow Dairies (General Order) requires owners and operators of existing milk cow dairies (Dischargers) to develop and implement a Nutrient Management Plan (NMP) for their land application areas (land under control of the Discharger, whether it is owned, rented, or leased, to which manure or process wastewater from the production area is or may be applied for nutrient cycling). The Discharger is required to maintain the NMP at the dairy, make the NMP available to Central Valley Water Board staff during their inspections, and submit the NMP to the Executive Officer upon request.

The General Order requires the Discharger to submit three Statements of Completion during development of the NMP. The Discharger may use this form to comply with the General Order requirement to submit any or all of these Statements of Completion. Parts I and V must be completed for each Statement of Completion. Parts II, III, and IV are to be completed for the Statements of Completion due by 1 July 2008, 31 December 2008 and 1 July 2009, respectively. Both the owner and operator of the dairy must sign this form in Part V below.

PART I: DAIRY FACILITY INFORMATION

Name of Dairy Facility: Henry Tosta Dairy

Physical Address of Dairy Facility:

20662 San Jose Rd	Tracy	San Joaquin	95304
Number and Street	City	County	Zip Code

Name of Operator: Henry Tosta Phone Number: 209-836-1286

Operator Mailing Address:

20662 San Jose Road	Tracy	San Joaquin	95304
Number and Street	City	County	Zip Code

Name of Owner: Same as Operator Phone Number:

Owner Mailing Address:

Number and Street	City	County	Zip Code
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**STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035**



PART II: STATEMENT OF COMPLETION DUE BY 1 JULY 2008

I have completed the following items of the Nutrient Management Plan (check the boxes of completed sections), which are due 1 July 2008:

- Item I.A.1 (Land Application Information)
- Item I.B (Land Application Information)
- Item I.C (Land Application Information)
- Item I.D (Land Application Information)
- Item II (Sampling and Analysis Plan)
- Item IV (Setbacks, Buffers, and Other Alternatives to Protect Surface Water)
- Item VI (Record-Keeping Requirements)

Has Item II (Sampling and Analysis Plan) of the Nutrient Management Plan been certified by a Certified Nutrient Management Specialist as required in the General Order?

- Yes
- No

PART III: STATEMENT OF COMPLETION DUE BY 31 DECEMBER 2008

I have completed the following item of the Nutrient Management Plan (check the box of the completed section), which is due 31 December 2008:

- Item V (Field Risk Assessment)

PART IV: STATEMENT OF COMPLETION DUE BY 1 JULY 2009

I have completed the following items of the Nutrient Management Plan (check the boxes of completed sections), which are due 1 July 2009:

- Item I.A.2 (Land Application Area Information)
- Item III (Nutrient Budget)
- Item VII (Nutrient Management Plan Review)

Has Item III (Nutrient Budget) of the Nutrient Management Plan been certified by a Certified Nutrient Management Specialist as required in the General Order?

- Yes
- No

1 May 2008

**STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035**



PART V: CERTIFICATION STATEMENT

I certify under penalty of law that I have completed the items of the Nutrient Management Plan that are checked in Parts II, III, and/or IV above for the dairy identified in Part I above and that the appropriate certified nutrient management specialist has certified the items requiring such certification as noted in Part II and/or IV above and that I have personally examined and am familiar with the information submitted in Parts I, II, III and IV of 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.

Henry Tosta
SIGNATURE OF OWNER

Henry Tosta
SIGNATURE OF OPERATOR

Same as Operator
PRINT OR TYPE NAME

Henry Tosta
PRINT OF TYPE NAME

5-21-09
DATE

5-21-09
DATE

Salts added to the dairy production facility above regular activities may occur as dietary supplements added to ration(s) in excess of requirements. Management measures may be implemented to reduce or eliminate some, or all, dietary supplements added in excess of metabolic requirements. Accuracy in nutrient monitoring programs for all feed ingredients is essential to accomplish this goal and prevent errors resulting in metabolic challenges to the animals from inadequate supplementation.

Salts already present in the aquifer and transferred to the waste stream via animal use include water used for sanitation and animal hygiene and animal drinking and cooling water. These salts are merely being relocated from the aquifer to the soil surface and opportunities for reductions are minimal without compromising animal health, well-being and production.

The Central Valley Regional Water Quality Control Board is addressing salt in recently adopted waste discharge requirements to reduce the impact of salts on ground and surface waters, thereby extending the useable lifespan of these water resources. Ultimately, the specific compounds (salts) accumulating in ground and surface waters must be evaluated. Additional information regarding salt concerns in the Central Valley is available at http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/index.shtml or <http://www.cvsalinity.org/>.

Two key concerns exist related to salt accumulation. The first is importation of "new salt" into the Central Valley. This salt originates in materials that come from outside of the Central Valley. These are imported in organic materials (plant materials), or inorganic materials (chemicals, salt supplements). Imported salts contribute to the salt load accumulating in surface and ground water resources within the valley. The second concern is the overall accumulation of salt in a localized geographic area, potentially creating a "hot spot" of highly concentrated salts in underlying groundwater sources. The origin of this material, whether it is imported from outside or originates within the Central Valley is irrelevant. Continued accumulation of salts in underlying groundwater may ultimately make the water unusable.

PART II. IDENTIFICATION OF SOURCES OF SALT IN THE WASTE STREAM

- I have conducted my own salt report and have submitted it to Central Valley Water Board.

OR

- I have received and reviewed a copy of the Industry Wide Salt Report for Existing Milk Cow Dairies.

The following categories responsible for generation of salt are utilized at the above named dairy.

- Feed
- Bedding (brought into the facility from outside---do not check if you only use dried manure generated on your facility for bedding)
- Water
- Chemicals (used in the milking parlor or for animal health)

The tables in Part III identify potential management practices that can be implemented to reduce salt accumulation. Reduction in salt accumulation occurs through minimizing importation of salt containing products to the Central Valley, reducing inputs containing salts, and improving efficiency of conversion of salts into outputs. Focus areas include: feed (the largest contributor to salt importation within a production facility), bedding, water use, and chemicals. Implementation of selected management practices must be done without impairing animal health and well being, or inadvertently modify the composition of the waste stream to disrupt implementation of the dairy's nutrient management plan. It is important to thoroughly consider the ramifications to the sanitation, waste handling, storage, and utilization components of the dairy prior to reducing water use or changing water supplies.

PART III. SELECTION OF MANAGEMENT MEASURES TO IMPLEMENT TO REDUCE SALT ACCUMULATION

Place a mark in one of the boxes in each row to indicate if the management practice is already in place (do now), will be implemented in the short term (by July 1, 2010), long term (by July 1, 2011), or not at all at the dairy facility. Be sure to maintain documentation for practices already implemented as well as those selected for implementation.

IMPLEMENTATION SCHEDULE				MANAGEMENT PRACTICE TO REDUCE IMPORTATION OF SALTS INTO THE CENTRAL VALLEY OR REDUCE ACCUMULATION OF SALTS AT MY DAIRY
Do now	Short term	Long term	Will not implement	Feed ingredient category
X				Buy feeds grown locally (from within the Central Valley) whenever possible to reduce additional imports of fixed solids into the Central Valley.
X				Choose forages with higher total digestible nutrient values (lower fixed solids concentration).
X				Analyze forages for minerals (P, K, Na, Cl, Ca, Mg and S) and use results in diet formulation
			X	Feed cows in groups specific to their production levels.
	X			Work with a nutritionist to develop diets formulated for specific production levels.
	X			Consult a nutritionist to balance diets to optimize milk yield while minimizing all salt inputs. (Example: if sodium bicarbonate is added to the ration, reduce other sources of dietary sodium.)
		X		Buy grains, byproducts and protein supplements grown or manufactured in the Central Valley.
			X	Do not supplement minerals beyond nutritionist's recommendations
X				Store and offer feeds in a manner that minimizes shrink (loss to the environment) (Example: In a dry, rain protected area/feeder)
X				Ensure all personnel responsible for animal feeding are properly informed and trained to ensure proper diet formulation
				Other: explain

Place a mark in one of the boxes in each row to indicate if the management practice is already in place (do now), will be implemented in the short term (by July 1, 2010), long term (by July 1, 2011), or not at all at the dairy facility. Be sure to maintain documentation for practices already implemented as well as those selected for implementation.

do not import Bedding →

IMPLEMENTATION SCHEDULE				MANAGEMENT PRACTICE TO REDUCE IMPORTATION OF SALTS INTO THE CENTRAL VALLEY OR REDUCE ACCUMULATION OF SALTS AT MY DAIRY
Do now	Short term	Long term	Will not implement	Bedding ingredient category
X				Review the types of bedding materials available to the dairy and select bedding sources known to have lower fixed solids values.
X				Make infrastructure changes to minimize imported bedding needs.
	X			Minimize the amount of bedding used.
X				Obtain bedding material from local sources.
				Other: explain
				Water use category
X				Ensure milking personnel know proper milking practices to ensure sanitation and efficient water use.
X				Train personnel to identify and fix leaks in the water delivery system (parlor hoses, water troughs, etc.) as soon as possible.
X				Maintain animal drinking water facilities to minimize water losses or spillage.
X				Reuse water whenever safe to do so within the system (Example: Use plate cooler water to clean parlor floor).
		X		Install water meter(s) to monitor and minimize actual water use.
		X		Utilize animal cooling systems only when needed to avoid heat stress.
X				Monitor electrical conductivity (EC) of water sources on the dairy and use lower EC sources for parlor or drinking water when the option exists.
X				Consult with local experts on which depths supply the best water quality when installing new water supply wells.
			X	If water softeners requiring salt for recharge are used: Dispose of parlor water softener brine off-site in an approved manner to avoid discharging the brine into the waste stream.
			X	Minimize the amount of water processed through the softener, e.g. only hot water used in the milking parlor.
			X	Install alternative systems that do not require brine, if possible.

Place a mark in one of the boxes in each row to indicate if the management practice is already in place (do now), will be implemented in the short term (by July 1, 2010), long term (by July 1, 2011), or not at all at the dairy facility. Be sure to maintain documentation for practices already implemented as well as those selected for implementation.

IMPLEMENTATION SCHEDULE				MANAGEMENT PRACTICE TO REDUCE IMPORTATION OF SALTS INTO THE CENTRAL VALLEY OR REDUCE ACCUMULATION OF SALTS AT MY DAIRY
Do now	Short term	Long term	Will not implement	Chemical ingredient use category
X				Test supply well water to determine the appropriate chemical compounds and concentrations needed for effective sanitation.
X				Use chemicals according to the manufacturer's specifications.
			X	Extend footbath use by installation of a pre-bath water rinse to reduce debris and other organic matter entering footbaths (this will increase water use).
X				Train all personnel in chemical use and handling procedures to avoid overuse or waste.
X				Store chemicals according to manufacturer's instruction to avoid accidental leakage or spills to reduce unnecessary disposal needs.
				Other—explain
				Other—explain
				Milk Production category (note: how does this relate to salt?)
X				Work with a veterinarian to develop a preventative herd health protocol designed to 1) Reduce loss of milk production from illness; 2) Reduce loss of non-saleable milk due to treatment of disease; 3) Increase the productive lifespan of lactating animals
X				Implement a mastitis prevention program.
X				Maintain infrastructure to prevent production losses from heat stress.
X				Select breeding stock with records indicating superior production and feed efficiency.

PART IV: OWNER AND/OR OPERATOR CERTIFICATION

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.

<u>Henry Tosta</u> SIGNATURE OF OWNER	<u>Henry Tosta</u> SIGNATURE OF OPERATOR
<u>Same as Operator</u> PRINT OR TYPE NAME	<u>Henry Tosta</u> PRINT OR TYPE NAME
<u>5-21-09</u> DATE	<u>5-21-09</u> DATE

**NUTRIENT MANAGEMENT PLAN
RETROFITTING NEEDED TO IMPROVE NITROGEN BALANCE FOR
EXISTING MILK COW DAIRIES UNDER
WASTE DISCHARGE REQUIREMENTS GENERAL ORDER NO. R5-2007-0035**

Waste Discharge Requirements General Order No. R5-2007-0035 for Existing Milk Cow Dairies (General Order) requires owners and/or operators of existing milk cow dairies (Dischargers) to submit a a Retrofitting Plan and Schedule by **1 July 2009**

If this form is used, Parts I and II must be completed and both the dairy owner and operator must sign Part III. The completed form must be submitted to the Central Valley Regional Water Quality Control Board by **1 July 2009**.

PART I: DAIRY FACILITY INFORMATION

A. Name of Dairy Facility: Henry Tosta Dairy

Physical Address of Dairy Facility:

20662 San Jose Rd.	Tracy, CA	95304
Number and Street	City, State	Zip Code

B. Name of Operator: Henry Tosta Phone Number: 2098361286

Operator Mailing Address:

20662 San Jose Road	Tracy, CA	95304
Number and Street	City, State	Zip Code

C. Name of Owner: Same as Operator Phone Number: _____

Owner Mailing Address:

Number and Street	City, State	Zip Code

PART II: INFRASTRUCTURE NEEDS CHECKLIST

Identify the infrastructure needs below that will be needed to achieve compliance with the NMP requirements.

Manure Treatment

- install solid separation system
- install sand (bedding) recovery system
- install drainage system for solid separation system
- install pump lift station
- other _____

Manure Storage

- enlarge existing liquid storage capacity*
- install new liquid storage structure*
- install depth marker
- improve collection and conveyance of runoff to lagoon
- install impermeable surface beneath solid manure storage areas
- install leachate collection system to convey leachate to retention pond
- install bypass to recirculation some of all pumped wastewater back to the pond
- other _____

**NUTRIENT MANAGEMENT PLAN
 RETROFITTING NEEDED TO IMPROVE NITROGEN BALANCE FOR
 EXISTING MILK COW DAIRIES UNDER
 WASTE DISCHARGE REQUIREMENTS GENERAL ORDER NO. R5-2007-0035**

Feed Storage

- install leachate collection system (convey to liquid storage)
- structures to prevent rain run-on (ditch, curb, roof gutters on commodity/hay barn(s))
- pipeline to divert roof run-off from feed area
- improve collection and conveyance of runoff to lagoon
- install leachate prevention (roof areas, impermeable covers, impermeable flooring)
- other _____

LAND APPLICATION AREA:

- improve water distribution system (pipeline, ditches, etc.)
- liquid manure blending facility/infrastructure
- liquid manure flow meter(s)
- irrigation well flow meter(s)
- water flow control device
- tailwater return system (sumps, pumps, conveyance)
- backflow prevention for all irrigation wells associated with pipeline conveying manure
- berm/ditch perimeter to prevent run-on and/or contain run-off
- distribution equipment (shank injector, drag hose, broadcast)
- install wells and/or pump to provide additional fresh water for dilution and irrigation
- other _____

OTHER:

- advanced treatment technology _____
- infrastructure to allow regular sampling as required by MRP (sampling points and ports)

*Will require professional certification and appropriate approval by RB5

Note: If your facility is permitted by the San Joaquin Air Pollution Control District you will need to determine which of these changes will trigger the need to submit an Authority to Construct to receive approval PRIOR to modification(s).

PART III: Schedule to implement retrofitting plan

The checked items from Part II of this document have been or will be completed by **1 July 2011**.

PART IV: OWNER AND/OR OPERATOR CERTIFICATION

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.

<u> Samp </u>	<u> Henry Tosta </u>
SIGNATURE OF OWNER	SIGNATURE OF OPERATOR
Same as Operator	Henry Tosta
PRINT OR TYPE NAME	PRINT OR TYPE NAME
<u> Same </u>	<u> 6-16-09 </u>
DATE	DATE



Innovative Ag Services, LLC

25221 Road 68 Tulare, CA 93274

Office (559) 688-4292 Fax (559) 688-2896

09 MAR 16 AM 11:28

RECEIVED
SACRAMENTO
CVRWQCB

March 12, 2009

RWQCB – Confined Animal Unit
Attn: Charlene Herbst
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670-6114

Re: Henry Tosta Dairy located at 20662 San Jose Rd Tracy, CA 95304

Dear Charlene:

In response to your letter dated 03-10-09, I am resubmitting the December 31, 2008 deliverables for this facility. The forms were incorrectly submitted under a different facility address, which is no longer operating as a milking facility. All documents submitted under the facility name, Henry Tosta Dairy, should have been for the dairy located at 20662 San Jose Rd in Tracy, CA. As such, we have corrected the address on those forms for your review.

Please do not hesitate to contact our office if you have any questions regarding this issue.

Best regards,

Darin Vanden Berg

Encl: Statement of Completion and Preliminary Infrastructure Needs Checklist forms.



**FORM FOR
PRELIMINARY INFRASTRUCTURE
NEEDS CHECKLIST
AT
EXISTING MILK COW DAIRIES**

Waste discharge Requirements General Order No. R5-207-0035 for Existing Milk Cow Dairies (General Order) requires owners and/or operators of existing milk cow dairies (Dischargers) to submit a Preliminary Infrastructure Needs Checklist by **31 December 2008** (the actual retrofitting plans with a schedule to improve nitrogen balance, storage capacity, flood protection, or design of the production area are not due until 1 July 2009). Completion of this form may be used as a Preliminary Infrastructure Needs Checklist to preliminarily identify infrastructure changes needed to achieve compliance with the Nutrient Management Plan (NMP) requirements (balance nitrogen) and/or achieve compliance with the Waste Management Plan (WMP) requirements (achieve adequate storage capacity, flood protection, or production area design).

If this form is used, Parts I and II must be completed and both the dairy owner and operator must sign Part III. The completed form must be submitted to the Central Valley Regional Water Quality Control Board by **31 December 2008**.

PART I: DAIRY FACILITY INFORMATION

A. Name of Dairy Facility: Henry Tosta Dairy

Physical Address of Dairy Facility:

<u>20662 San Jose Rd</u>	<u>Tracy</u>	<u>San Joaquin</u>	<u>95304</u>
Number and Street	City	County	Zip Code

B. Name of Operator: Henry Tosta Phone Number: 209-836-1286

Operator Mailing Address:

<u>20662 San Jose Rd</u>	<u>Tracy</u>	<u>San Joaquin</u>	<u>95304</u>
Number and Street	City	County	Zip Code

C. Name of Owner: Same as Operator Phone Number: _____

Owner Mailing Address:

<u>Same as Operator</u>			
Number and Street	City	County	Zip Code

PART II: PRELIMINARY INFRASTRUCTURE NEEDS CHECKLIST

Identify the preliminary infrastructure needs below that you expect will be needed to achieve compliance with the NMP and/or the WMP requirements.

PRODUCTION AREA:

Milking Parlor

- improve concrete floor
- structure to transfer liquid manure to holding structure
- curbs in milk barn alley, wash pen, holding area to contain manure
- divert plate cooler/milk chiller water to cow drinking water
- install water saving milk chiller (air cooled, glycol cooled, tower, etc.)
- install water meter
- structures to collect and divert rain run-on/parlor runoff (ditch, roof gutters)

9/27/2008



FORM FOR
PRELIMINARY INFRASTRUCTURE
NEEDS CHECKLIST
AT
EXISTING MILK COW DAIRIES

other no repair needed at this time

Animal Housing

Freestalls

- curbs to contain flush water and manure in alleys
- structures to collect and divert rain run-on/barn runoff (ditch, roof gutters)
- improve water trough floats (cage, float type, float setting)
- pipeline to relocate roof run-off away from animal housing area
- improve flush valves
- improve flush pumps
- other _____

Exercise pens

- improve water trough floats (cage, float type, float setting)
- install hard surface around water troughs
- concrete surfaces under eaves of roof to collect rain runoff
- gutters to collect and control roof runoff from freestall barn(s)
- install ponding controls (grading, piping, basins, pumps)
- structures to prevent rain run-on (ditch, curb)
- install gates/fences to control sensitive areas
- structure to convey runoff to retention pond
- other _____

Open corrals

- install ponding controls (grading, piping, basins, pumps)
- improve water trough floats (cage, float type, float setting)
- install hard surface around water troughs
- structures to prevent rain run-on (ditch, curb, roof gutters on shades)
- install removable shade structures (for winter removal)
- install gates/fences to control sensitive areas (streams low spots in corrals, etc.)
- structure to convey runoff to retention pond
- other _____

Manure Transfer (within production area)

- install screens and/or grates to remove large debris from pipe inlets
- vacuum collection/transfer system
- other dry SCRAPE - no repairs needed at this time.

Manure Treatment

- install solid separation system
- install sand (bedding) recovery system
- install drainage system for solid separation system
- install pump lift station
- other _____

Manure Storage

- enlarge existing liquid storage capacity*
- install new liquid storage structure*
- install depth marker
- improve collection and conveyance of runoff to lagoon
- install impermeable surface beneath solid manure storage areas
- install leachate collection system to convey leachate to retention pond



**FORM FOR
PRELIMINARY INFRASTRUCTURE
NEEDS CHECKLIST
AT
EXISTING MILK COW DAIRIES**

install bypass to recirculate some of all pumped wastewater back to the pond
 other _____

Feed Storage

install leachate collection system (convey to liquid storage)
 structures to prevent rain run-on (ditch, curb, roof gutters on commodity/hay barn(s))
 pipeline to divert roof run-off from feed area
 improve collection and conveyance of runoff to lagoon
 install leachate prevention (roof areas, impermeable covers, impermeable flooring)
 other build berms around feed storage

LAND APPLICATION AREA:

improve water distribution system (pipeline, ditches, etc.)
 liquid manure blending facility/infrastructure
 liquid manure flow meter(s)
 irrigation well flow meter(s)
 water flow control device
 tailwater return system (sumps, pumps, conveyance)
 backflow prevention for all irrigation wells associated with pipeline conveying manure
 berm/ditch perimeter to prevent run-on and/or contain run-off
 distribution equipment (shank injector, drag hose, broadcast)
 install wells and/or pump to provide additional fresh water for dilution and irrigation
 other none foreseen at this time

OTHER: * if need to will berm as required. - based on timing of irrigation/application

impermeable surface for mortality temporary storage
 advanced treatment technology _____
 infrastructure to allow regular sampling as required by MRP (sampling points and ports)

*Will require professional certification and appropriate approval by RB5

Note: If your facility is permitted by the San Joaquin Air Pollution Control District you will need to determine which of these changes will trigger the need to submit an Authority to Construct to receive approval PRIOR to modification(s).

PART III: OWNER AND/OR OPERATOR CERTIFICATION

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.

Henry Tosta
 SIGNATURE OF OWNER

Henry Tosta
 SIGNATURE OF OPERATOR

Henry Tosta

Henry Tosta

PRINT OR TYPE NAME

PRINT OR TYPE NAME

3-12-09
 DATE

3-12-09
 DATE

**STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035**



Waste Discharge Requirements General Order No. R5-2007-0035 for Existing Milk Cow Dairies (General Order) requires owners and operators of existing milk cow dairies (Dischargers) to develop and implement a Nutrient Management Plan (NMP) for their land application areas (land under control of the Discharger, whether it is owned, rented, or leased, to which manure or process wastewater from the production area is or may be applied for nutrient cycling). The Discharger is required to maintain the NMP at the dairy, make the NMP available to Central Valley Water Board staff during their inspections, and submit the NMP to the Executive Officer upon request.

The General Order requires the Discharger to submit three Statements of Completion during development of the NMP. The Discharger may use this form to comply with the General Order requirement to submit any or all of these Statements of Completion. Parts I and V must be completed for each Statement of Completion. Parts II, III, and IV are to be completed for the Statements of Completion due by 1 July 2008, 31 December 2008 and 1 July 2009, respectively. Both the owner and operator of the dairy must sign this form in Part V below.

PART I: DAIRY FACILITY INFORMATION

Name of Dairy Facility: Henry Tosta Dairy

Physical Address of Dairy Facility:

<u>20662 San Jose Rd</u>	<u>Tracy</u>	<u>San Joaquin</u>	<u>95304</u>
Number and Street	City	County	Zip Code

Name of Operator: Henry Tosta Phone Number: 209-836-1286

Operator Mailing Address:

<u>20662 San Jose Rd</u>	<u>Tracy</u>	<u>San Joaquin</u>	<u>95304</u>
Number and Street	City	County	Zip Code

Name of Owner: Same as Operator Phone Number:

Owner Mailing Address:

<u>Same as operator</u>			
Number and Street	City	County	Zip Code

**STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035**



PART II: STATEMENT OF COMPLETION DUE BY 1 JULY 2008

I have completed the following items of the Nutrient Management Plan (check the boxes of completed sections), which are due 1 July 2008:

- Item I.A.1 (Land Application Information)
- Item I.B (Land Application Information)
- Item I.C (Land Application Information)
- Item I.D (Land Application Information)
- Item II (Sampling and Analysis Plan)
- Item IV (Setbacks, Buffers, and Other Alternatives to Protect Surface Water)
- Item VI (Record-Keeping Requirements)

Has Item II (Sampling and Analysis Plan) of the Nutrient Management Plan been certified by a Certified Nutrient Management Specialist as required in the General Order?

- Yes
- No

PART III: STATEMENT OF COMPLETION DUE BY 31 DECEMBER 2008

I have completed the following item of the Nutrient Management Plan (check the box of the completed section), which is due 31 December 2008:

- Item V (Field Risk Assessment)

PART IV: STATEMENT OF COMPLETION DUE BY 1 JULY 2009

I have completed the following items of the Nutrient Management Plan (check the boxes of completed sections), which are due 1 July 2009:

- Item I.A.2 (Land Application Area Information)
- Item III (Nutrient Budget)
- Item VII (Nutrient Management Plan Review)

Has Item III (Nutrient Budget) of the Nutrient Management Plan been certified by a Certified Nutrient Management Specialist as required in the General Order?

- Yes
- No

STATEMENTS OF COMPLETION FOR EXISTING MILK COW DAIRIES
UNDER
WASTE DISCHARGE REQUIREMENTS
GENERAL ORDER NO. R5-2007-0035



PART V: CERTIFICATION STATEMENT

I certify under penalty of law that I have completed the items of the Nutrient Management Plan that are checked in Parts II, III, and/or IV above for the dairy identified in Part I above and that the appropriate certified nutrient management specialist has certified the items requiring such certification as noted in Part II and/or IV above and that I have personally examined and am familiar with the information submitted in Parts I, II, III and IV of 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.

Henry Tosta
SIGNATURE OF OWNER

Henry Tosta
SIGNATURE OF OPERATOR

Henry Tosta
PRINT OR TYPE NAME

Henry Tosta
PRINT OF TYPE NAME

3-12-09
DATE

3-12-09
DATE