

Annual Report - General Order No. R5-2007-0035

Reporting period 01/01/2023 to 12/31/2023.

DAIRY FACILITY INFORMATION**A. NAME OF DAIRY OR BUSINESS OPERATING THE DAIRY:** Grain Mill Group West

Physical address of dairy:

5336 W Harlan AVE

Number and Street

Riverdale

City

Fresno

County

93656

Zip Code

Street and nearest cross street (if no address): _____

Date facility was originally placed in operation: 05/05/1955Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

0053-0090-0029-0000**B. OPERATORS**

DeJong, Peter Nathan

Operator name: DeJong, Peter Nathan

Telephone no.:

(559) 907-6854

Landline

Cellular

22154 20 RD

Mailing Address Number and Street

Tulare

City

CA

State

93274

Zip Code

This operator is responsible for paying permit fees.**C. OWNERS**

DeJong, Peter Nathan

Legal owner name: DeJong, Peter Nathan

Telephone no.:

(559) 907-6854

Landline

Cellular

22154 20 RD

Mailing Address Number and Street

Tulare

City

CA

State

93274

Zip Code

This owner is responsible for paying permit fees.

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AVAILABLE NUTRIENTS

A. HERD INFORMATION

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	Heifers (7-14 mo. to breeding)	Calves (4-6 mo.)	Calves (0-3 mo.)
Number open confinement	0	0	0	0	0	0
Number under roof	0	0	0	150	0	0
Maximum number	0	0	0	150	0	0
Average number	0	0	0	150	0	0
Avg live weight (lbs)	0	0	0	800		

Predominant milk cow breed: Holstein

Average milk production: 1 pounds per cow per day

B. MANURE GENERATED

Total manure excreted by the herd: 1,469.48 tons per reporting period

Total nitrogen from manure: 14,235.00 lbs per reporting period

After ammonia losses (30% loss applied): 9,964.50 lbs per reporting period

Total phosphorus from manure: 2,409.00 lbs per reporting period

Total potassium from manure: 1.00 lbs per reporting period

Total salt from manure: 0.00 lbs per reporting period

C. PROCESS WASTEWATER GENERATED

Process wastewater generated: _____ gallons

Total nitrogen generated: _____ lbs

Total phosphorus generated: _____ lbs

Total potassium generated: _____ lbs

Total salt generated: _____ lbs

	<u>0 gallons applied</u>
+	<u>0 gallons exported</u>
-	<u>0 gallons imported</u>
=	<u>0 gallons generated</u>

D. FRESH WATER SOURCES

Source Description	Type
Dairy Dom	Ground water
W Dom	Ground water

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E. SUBSURFACE (TILE) DRAINAGE SOURCES

No subsurface (tile) drainage sources entered.

F. NUTRIENT IMPORTS

No dry manure nutrient imports entered.

No process wastewater nutrient imports entered.

No commercial or other nutrient imports entered.

G. NUTRIENT EXPORTS

No solid nutrient exports entered.

No liquid nutrient exports entered.

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Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
403	33	33	0	none	0021-017S-019E-0000
404	36	36	0	none	0021-017S-019E-0000
405	38	38	0	none	0021-017S-019E-0000
413	65	65	0	none	0053-0180-002S-0000
414	57	57	0	none	0053-0070-025S-0000 0053-0180-002S-0000 0053-0180-004S-0000
415	80	80	0	none	0053-0081-010S-0000
416	75	75	0	none	0053-0081-013S-0000
417	65	65	0	none	0053-0090-002S-0000 0053-0090-026S-0000
418	11	11	0	none	0053-0090-026S-0000
419	50	50	0	none	0053-0090-026S-0000
420	18	18	0	none	0053-0090-026S-0000
Totals for areas that were used for application					
Totals for areas that were not used for application	528	528	0		
Land application area totals	528	528	0		

B. CROPS AND HARVESTS*No application area fields entered.*

NUTRIENT BUDGET

A. LAND APPLICATIONS

No application area crops entered.

B. NUTRIENT BUDGET

No application area crops entered.

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NUTRIENT ANALYSES**A. MANURE ANALYSES***No manure analyses entered.***B. PROCESS WASTEWATER ANALYSES***No process wastewater analyses entered.***C. FRESH WATER ANALYSES**

Dairy Dom

23L0770

Sample description: 23L0770

Sample date: 12/12/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00			9.40	0.00	226.00	140.00	14.00	23.20	133.00	1,270.00	
DL	0.01			0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.00	

W Dom

23L0770

Sample description: 23L0770

Sample date: 12/13/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.10			32.70	0.70	287.00	198.00	0.00	97.00	151.00	1,720.00	
DL	0.01			0.01	0.01	0.01	0.01	0.01	0.01	0.01	10.00	

D. SOIL ANALYSES*No soil analyses entered.***E. PLANT TISSUE ANALYSES**

No plant tissue analyses entered.

F. SUBSURFACE (TILE) DRAINAGE ANALYSES

No subsurface (tile) drainage analyses entered.

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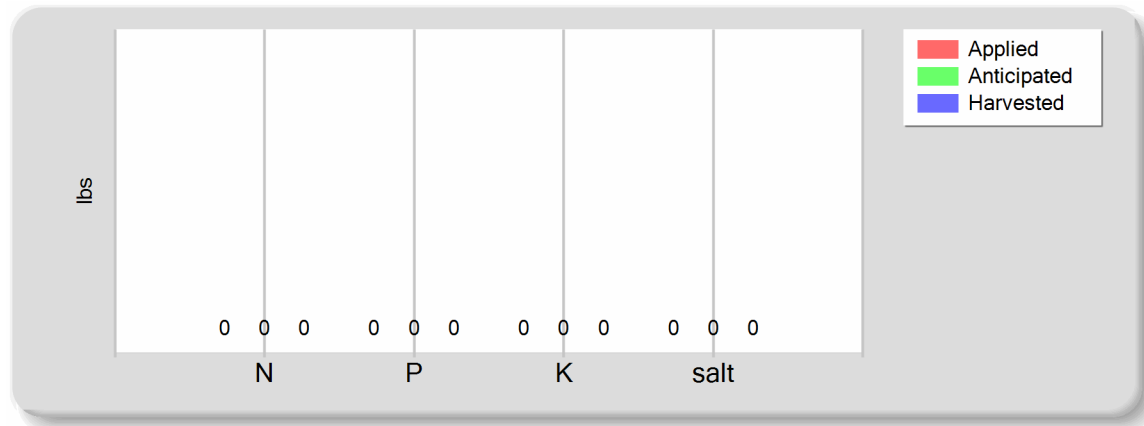
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NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

A. SUMMARY OF NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric deposition	0.00	0.00	0.00	0.00
Total nutrients applied	0.00	0.00	0.00	0.00
Anticipated crop nutrient removal	0.00	0.00	0.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	0.00	0.00	0.00	0.00
Applied to removed ratio	0.00	0.00	0.00	0.00

B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL



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C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE

Pounds of nitrogen applied

Existing soil nutrient content 0
Plowdown credit 0
Commercial fertilizer / Other 0
Dry manure 0
Process wastewater 0
Fresh water 0
Atmospheric deposition 0

lbs

Pounds of phosphorus applied

Existing soil nutrient content 0
Plowdown credit 0
Commercial fertilizer / Other 0
Dry manure 0
Process wastewater 0
Fresh water 0
Atmospheric deposition 0

lbs

Pounds of potassium applied

Existing soil nutrient content 0
Plowdown credit 0
Commercial fertilizer / Other 0
Dry manure 0
Process wastewater 0
Fresh water 0
Atmospheric deposition 0

lbs

Pounds of salt applied

Existing soil nutrient content 0
Plowdown credit 0
Commercial fertilizer / Other 0
Dry manure 0
Process wastewater 0
Fresh water 0
Atmospheric deposition 0

lbs

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EXCEPTION REPORTING

A. MANURE, PROCESS WASTEWATER, AND OTHER DAIRY WASTE DISCHARGES

The following is a summary of all manure and process 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.

No manure or process wastewater discharges occurred during the reporting period.

B. STORM WATER DISCHARGES

The following is a summary of all storm water discharges from the production area to surface water during the reporting period when not in accordance with the facility 's Nutrient Management Plan.

No stormwater discharges occurred during the reporting period.

C. LAND APPLICATION AREA TO SURFACE WATER DISCHARGES

The following is a summary of all discharges from the land application area to surface water that have occurred during the reporting period when not in accordance with the facility's Nutrient Management Plan.

No land application area to surface water discharges occurred during the reporting period.

NUTRIENT MANAGEMENT PLAN AND EXPORT AGREEMENT STATEMENTS

A. NUTRIENT MANAGEMENT PLAN STATEMENTS

Was the facility's NMP updated in the reporting period? Yes

Was the facility's NMP developed by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order? Yes

Was the facility's NMP approved by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order? Yes

B. EXPORT AGREEMENT STATEMENT

Are there any written agreements with third parties to receive manure or process wastewater that are new or were revised within the reporting period? No

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ADDITIONAL NOTES

A. NOTES

No crops were grown in 2023.

All irrigation wells had power turned off.

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CERTIFICATION

A. 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.

SIGNATURE OF OWNER OF FACILITY

SIGNATURE OF OPERATOR OF FACILITY

Peter Nathan DeJong

SAME AS OWNER

PRINT OR TYPE NAME

PRINT OR TYPE NAME

DATE

DATE

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ATTACHMENTS

A. REQUIRED ATTACHMENTS

The following lists the required documents that should be attached to the Annual Report when submitted .

Annual Dairy Facility Assessment

Provide an Annual Dairy Facility Assessment (an update to the Preliminary Dairy Facility Assessment in Attachment A) for each reporting period. On the PDFa Final page, click on the ADFA Report button to generate an ADFA report after updating information as needed .

Manure/Process Wastewater Tracking Manifests

Provide copies of all manure/process wastewater tracking manifests for the reporting period, signed by both the owner/operator and the hauler.

Corrective Actions Documents

Provide records documenting any corrective actions taken to correct deficiencies noted as a result of the inspections required in the Monitoring Requirements of the General Order. Deficiencies not corrected in 30 days must be accompanied by an explanation of the factors preventing immediate correction.

Groundwater Monitoring

Dischargers that monitor supply wells or subsurface (tile) drainage systems, or that have monitoring well systems must submit monitoring results as directed in the General Order, Groundwater Reporting Section starting on page MRP-13.

Storm Water Monitoring

Dischargers that are required to monitor storm water more frequently than required in the General Order must submit monitoring results as directed in the General Order, Storm Water Reporting Section on page MRP-14.

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CERTIFICATION

A. 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.

SIGNATURE OF OWNER OF FACILITY

Peter Nathan DeJong

PRINT OR TYPE NAME

DATE

SIGNATURE OF OPERATOR OF FACILITY

SAME AS OWNER

PRINT OR TYPE NAME

DATE

Report of Dairy Well Water Analysis

Grain Mill Group

22154 Road 20

Tulare

00-0025564

CA

93274

22

E-mail: martyverhoeven@gmail.com

Copy To: nathandejong85@gmail.com

Lab No.: 23L0770

Sampled By: Marty V.

Requested By: Marty Verhoeven

Submitted Date: 12/13/23

Reported Date: 12/21/23

Project: Grain Mill West

Crop ID:

		Date Sampled	Time Sampled	EC µmhos/cm	EC mmhos/cm	NO ₃ -N mg/L	Field NH ₄ -N mg/L	Total NH ₄ -N mg/L	TDS mg/L	CO ₃ as CaCO ₃ mg/L	HCO ₃ as CaCO ₃ mg/L	Cl mg/L	SO ₄ mg/L	Ca mg/L	Mg mg/L	Na mg/L	pH at 25°C unit
1	Dairy Dom	12/12/23	15:20	1270	1.27	ND	ND		650	14	140	133	23.2	9.4	ND	226	8.8
2	W. Dom	12/12/23	15:15	1720	1.72	0.1	*		862	ND	198	151	97.0	32.7	0.7	287	8.2

* = Field NH₄-N not Taken.

ND = None Detected

Approved By:

Scott M. Friedland

Laboratory Director/Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02



12/13/23 07:00

23L0770

JG

?

WATER WORK REQUEST 30

Bill To: Aest No. 25564

Cons

22 12/12/23

Purchase Order No.

Results Needed By

Client **Grain Mill Group**
Address **22154 Road 20**
City, State, Zip **Tulare, CA 93274**
Email: **nathandjong85@gmail.com**

Copy to: **martyverhoeven@gmail.com**Requested by/Cell: **Marty Verhoeven**Facility: **Grain Mill West**Date sampled **12/12/23**Sampled by **Marty V.**☒ QA/QC Document☒ Copy of Chain☐ RWQCB

DESCRIPTION OF SAMPLES

1.	Dairy Dom	Sampled From:
2.	W. Dom	Sampled From:
3.		Sampled From:
4.		Sampled From:
5.		Sampled From:
6.		Sampled From:
7.		Sampled From:
8.		Sampled From:
9.		Sampled From:
10.		Sampled From:

DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728

www.dellavallelab.com 559 233-6129 • 800 228-9896 • Fax 559 268-8174

No. of Samples **2**No. Bottles **2**

Water Type:

☐ Ag Water☐ Supply Water☐ Drinking☐ Ground Water☐ Other☐ Wastewater☐ Mon. Well

Analysis and Bottles Required: (Please Indicate Analysis)

☐ DWW1: (EC, pH, NO₃-N, NH₄-N Field Test)

(1) 1 L plastic, unpreserved (white)

☒ DWW2: (DWW1 Plus SO₄, CO₃, HCO₃, Cl, Ca, Mg, Na, TDS)

(1) 1 L plastic, unpreserved (white)

☐ DCW1: (EC, NO₃-N, TDS)

(1) 1 L plastic, unpreserved (white)

☐ DPW1: (EC, pH, NO₃-N, NH₄-N, TKN, TDS, TP, TK)

(1) 1 L plastic, unpreserved (white)

☐ DPW2: (DPW1 Plus Ca, Mg, Na, HCO₃, CO₃, SO₄, Cl)

(1) 1 L plastic, unpreserved (white)

☐ Other

Date Sampled	Time Sampled	Field NH ₄ -N (mg/L)	Received Temp °C
--------------	--------------	---------------------------------	------------------

12/12/23 3:20

0

16.4

12/12/23 3:15

19.8

IR Thermometer SN: 200560723
Correction Factor: 0°C
Calibration Due: 03/06/2024
Location: Laboratory

IR Thermometer SN: 221511276
Correction Factor: 0°C
Calibration Due: 03/06/2024
Location: Hanford

CHAIN OF CUSTODY

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	<i>[Signature]</i>	<i>[Signature]</i>	12/12/23	12/12/23 3:50pm
Second	<i>[Signature]</i>	<i>[Signature]</i>	12/12/23 3:50pm	
Third				
Fourth	<i>[Signature]</i>	<i>[Signature]</i>	12/13 07:00	

I guarantee that as the client, or on behalf of the client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable attorney's fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged. Terms are not 30 days, overdue accounts will be charged a dated damage fee of 2% per month (annually 24%) or \$5.00 per month whichever is greater. If payment is not made when due and a legitimate dispute exists concerning the product or services of Dellavalle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternative to Litigation, Inc. (cal). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration through cal under its Rules and Procedures. The parties will equally bear the costs of mediation arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, reasonable attorney's fees of Dellavalle Laboratory.

Invoicing Information:

Price List 2023

Sampling Hrs _____ Miles _____ Consulting _____

Shipping

\$ _____ In _____
\$ _____ Out _____

Amt Paid

Rec By

Check No.

Date

Signature _____

Sample received in cooler with ice?

| Yes | No

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