

**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: 05/05/1955

Regional 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.**

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

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

**AVAILABLE NUTRIENTS****A. HERD INFORMATION**

|                         | Milk Cows | Dry Cows | Bred Heifers<br>(15-24 mo.) | Heifers (7-14<br>mo. to breeding) | Calves<br>(4-6 mo.) | Calves<br>(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

|  |
|--|
| 0 gallons applied                                |
| +                            0 gallons exported  |
| -                            0 gallons imported  |
| =                            0 gallons generated |

Total phosphorus generated: \_\_\_\_\_ lbs

Total potassium generated: \_\_\_\_\_ lbs

Total salt generated: \_\_\_\_\_ lbs

**D. FRESH WATER SOURCES**

| Source Description | Type         |
|--------------------|--------------|
| Dairy Dom          | Ground water |
| W Dom              | Ground water |

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

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

**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.*

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

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

**APPLICATION AREA****A. LIST OF LAND APPLICATION AREAS**

| 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<br>0053-0180-002S-0000<br>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<br>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.*

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

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

**NUTRIENT BUDGET**

**A. LAND APPLICATIONS**

*No application area crops entered.*

**B. NUTRIENT BUDGET**

*No application area crops entered.*

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

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

**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: 23L0770Sample date: 12/12/2023 Source of analysis: Lab analysis

|       | Total N<br>(mg/L) | NH4-N<br>(mg/L) | Nitrate-N<br>(mg/L) | Calcium<br>(mg/L) | Magnesium<br>(mg/L) | Sodium<br>(mg/L) | Bicarbonate<br>(mg/L) | Carbonate<br>(mg/L) | Sulfate<br>(mg/L) | Chloride<br>(mg/L) | EC<br>(µmhos/cm) | TDS<br>(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: 23L0770Sample date: 12/13/2023 Source of analysis: Lab analysis

|       | Total N<br>(mg/L) | NH4-N<br>(mg/L) | Nitrate-N<br>(mg/L) | Calcium<br>(mg/L) | Magnesium<br>(mg/L) | Sodium<br>(mg/L) | Bicarbonate<br>(mg/L) | Carbonate<br>(mg/L) | Sulfate<br>(mg/L) | Chloride<br>(mg/L) | EC<br>(µmhos/cm) | TDS<br>(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**

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

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

*No plant tissue analyses entered.*

**F. SUBSURFACE (TILE) DRAINAGE ANALYSES**

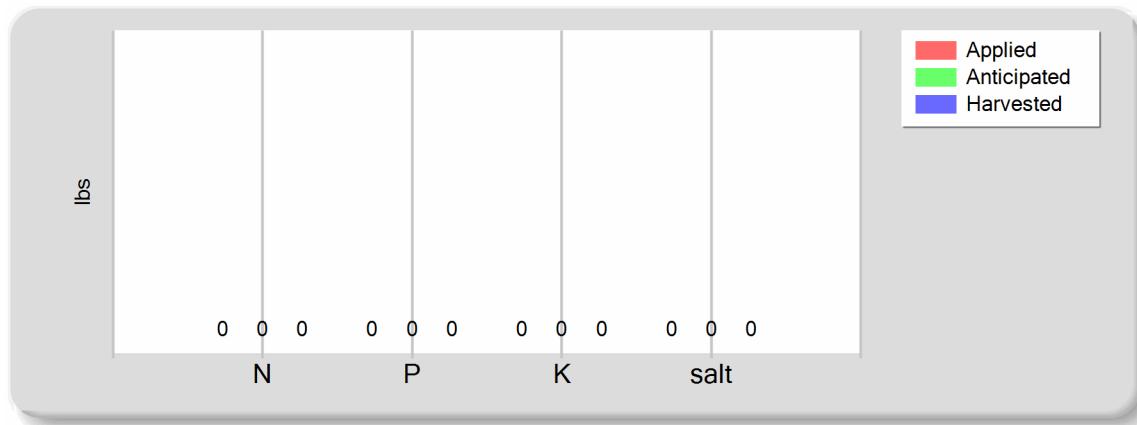
*No subsurface (tile) drainage analyses entered.*

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

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

**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**

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

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

**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

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

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

**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 \_\_\_\_\_

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

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

**ADDITIONAL NOTES**

**A. NOTES**

No crops were grown in 2023.

All irrigation wells had power turned off.

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

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

**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

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

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

**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.

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

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CERTIFICATION

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SIGNATURE OF OWNER OF FACILITY

Peter Nathan DeJong

PRINT OR TYPE NAME

7-3-24

DATE



Same

SIGNATURE OF OPERATOR OF FACILITY

SAME AS OWNER

PRINT OR TYPE NAME

7-3-24

DATE

# Report of Dairy Well Water Analysis

Grain Mill Group  
22154 Road 20  
Tulare CA 93274  
00-0025564 22

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:

E-mail: martyverhoeven@gmail.com  
Copy To: nathandejong85@gmail.com

|   | Date Sampled | Time Sampled | EC <small>μmhos/cm</small> | EC <small>mmhos/cm</small> | NO <sub>3</sub> -N <small>mg/L</small> | NH <sub>4</sub> -N <small>mg/L</small> | Field NH <sub>4</sub> -N <small>mg/L</small> | Total NH <sub>4</sub> -N <small>mg/L</small> | TDS <small>mg/L</small> | CO <sub>3</sub> as CaCO <sub>3</sub> <small>mg/L</small> |     | HCO <sub>3</sub> as CaCO <sub>3</sub> <small>mg/L</small> |      | Cl <small>mg/L</small> | SO <sub>4</sub> <small>mg/L</small> | Ca <small>mg/L</small> | Mg <small>mg/L</small> | Na <small>mg/L</small> | pH at 25°C |
|---|--------------|--------------|----------------------------|----------------------------|--|--|--|--|-------------------------|--|-----|---|------|------------------------|-------------------------------------|------------------------|------------------------|------------------------|------------|
|   |              |              |                            |                            |  |  |  |  |                         |  |     |   |      |                        |                                     |                        |                        |                        |            |
| 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 NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By:

*Scott M Friedland*

Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02



36

12/13/23 07:00

23L0770

## WATER WORK REQUEST

Acct No.  
Bill To: 25564Cons  
08/27/23

Purchase Order No.

Results Needed By

Client **Grain Mill Group**  
 Address 22154 Road 20  
 City, State, Zip Tulare, CA 93274  
 Email: nathandejong85@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                        | <b>2</b>                              | No. Bottles                         | <b>2</b> |
| Water Type:                           |                                       |                                     |          |
| <input type="checkbox"/> Ag Water     | <input type="checkbox"/> Drinking     | <input type="checkbox"/> Wastewater |          |
| <input type="checkbox"/> Supply Water | <input type="checkbox"/> Ground Water | <input type="checkbox"/> Mon. Well  |          |
|                                       | <input type="checkbox"/> Other        |                                     |          |

## Analysis and Bottles Required: (Please Indicate Analysis)

- DWW1: (EC, pH, NO<sub>3</sub>-N, NH<sub>4</sub>-N Field Test)  
 (1) 1 L plastic, unpreserved (white)
- DWW2: (DWW1 Plus SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>, Cl, Ca, Mg, Na, TDS)  
 (1) 1 L plastic, unpreserved (white)
- DCW1: (EC, NO<sub>3</sub>-N, TDS)  
 (1) 1 L plastic, unpreserved (white)
- DPW1: (EC, pH, NO<sub>3</sub>-N, NH<sub>4</sub>-N, TKN, TDS, TP, TK )  
 (1) 1 L plastic, unpreserved (white)
- DPW2: (DPW1 Plus Ca, Mg, Na, HCO<sub>3</sub>, CO<sub>3</sub>, SO<sub>4</sub>, Cl)  
 (1) 1 L plastic, unpreserved (white)

 Other

| Date Sampled | Time Sampled | Field NH4-N (mg/L) | Received Temp °C |
|--------------|--------------|--------------------|------------------|
| 12/12/23     | 3:20         | 0                  | 16.0 16.1        |
| 12/12/23     | 3:15         | 9.8                | 10.5             |

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>edt</i> | <i>oar</i> | 12/12/23             | 12/12/23 3:50pm          |
| Second  | <i>ym</i>  | <i>oar</i> | 12/12/23             | 3:50pm                   |
| Third   |            |            |                      |                          |
| Fourth  | <i>gav</i> | <i>oar</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 net 30 days; overdue accounts will be charged a daily late 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 attorneys' fees of DellaValle Laboratory.

## Invoicing Information:

## Price List 2023

| Shipping     |          |     |
|--------------|----------|-----|
| Sampling Hrs | \$ _____ | In  |
| Miles        | \$ _____ | Out |
| Consulting   |          |     |

Signature \_\_\_\_\_

Sample received in cooler with ice?

| | Yes | | No

last update 2020