

**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:** Dry River Dairy

Physical address of dairy:

|                                      |                    |                  |                   |
|--------------------------------------|--------------------|------------------|-------------------|
| 12718 Avenue 25<br>Number and Street | Chowchilla<br>City | Madera<br>County | 93610<br>Zip Code |
|--------------------------------------|--------------------|------------------|-------------------|

Street and nearest cross street (if no address): \_\_\_\_\_

Date facility was originally placed in operation: 01/01/2022Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

|                     |                     |                     |                     |                     |                     |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 0025-0140-0004-0000 | 0025-0140-0007-0000 | 0025-0150-0011-0000 | 0025-0150-0012-0000 | 0025-0150-0013-0000 | 0025-0150-0014-0000 |
| 0025-0150-0015-0000 | 0025-0150-0016-0000 |                     |                     |                     |                     |

**B. OPERATORS**

Ribeiro, Domingos

|  |                    |                |                   |
|--|--------------------|----------------|-------------------|
| Operator name: <u>Ribeiro, Domingos</u>              | Telephone no.:     | (559) 479-0940 |                   |
|  | Landline           | Cellular       |                   |
| 12718 Avenue 25<br>Mailing Address Number and Street | Chowchilla<br>City | CA<br>State    | 93610<br>Zip Code |

Ribeiro, Nellie

|  |                    |                |                   |
|--|--------------------|----------------|-------------------|
| Operator name: <u>Ribeiro, Nellie</u>                | Telephone no.:     | (559) 479-0942 |                   |
|  | Landline           | Cellular       |                   |
| 12718 Avenue 25<br>Mailing Address Number and Street | Chowchilla<br>City | CA<br>State    | 93610<br>Zip Code |

Soares, Ashley

|  |                    |                |                   |
|--|--------------------|----------------|-------------------|
| Operator name: <u>Soares, Ashley</u>                 | Telephone no.:     | (559) 479-0941 |                   |
|  | Landline           | Cellular       |                   |
| 12718 Avenue 25<br>Mailing Address Number and Street | Chowchilla<br>City | CA<br>State    | 93610<br>Zip Code |

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Soares, Leo

|                                   |                |                |
|-----------------------------------|----------------|----------------|
| Operator name: Soares, Leo        | Telephone no.: | (559) 647-4004 |
|                                   | Landline       | Cellular       |
| 12718 Avenue 25                   | Chowchilla     | CA             |
| Mailing Address Number and Street | City           | State          |
|                                   |                | Zip Code       |

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

Ribeiro, Domingos

|                                     |                |                |
|-------------------------------------|----------------|----------------|
| Legal owner name: Ribeiro, Domingos | Telephone no.: | (559) 479-0940 |
|                                     | Landline       | Cellular       |
| 12718 Avenue 25                     | Chowchilla     | CA             |
| Mailing Address Number and Street   | City           | State          |
|                                     |                | Zip Code       |

Ribeiro, Nellie

|                                   |                |                |
|-----------------------------------|----------------|----------------|
| Legal owner name: Ribeiro, Nellie | Telephone no.: | (559) 479-0942 |
|                                   | Landline       | Cellular       |
| 12718 Avenue 25                   | Chowchilla     | CA             |
| Mailing Address Number and Street | City           | State          |
|                                   |                | Zip Code       |

Soares, Ashley

|                                   |                |                |
|-----------------------------------|----------------|----------------|
| Legal owner name: Soares, Ashley  | Telephone no.: | (559) 479-0941 |
|                                   | Landline       | Cellular       |
| 12718 Avenue 25                   | Chowchilla     | CA             |
| Mailing Address Number and Street | City           | State          |
|                                   |                | Zip Code       |

Soares, Leo

|                                   |                |                |
|-----------------------------------|----------------|----------------|
| Legal owner name: Soares, Leo     | Telephone no.: | (559) 647-4004 |
|                                   | Landline       | Cellular       |
| 12718 Avenue 25                   | Chowchilla     | CA             |
| Mailing Address Number and Street | City           | State          |
|                                   |                | 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<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         | 85       | 345                         | 285                               | 100                 | 130                 |
| Number under roof       | 960       | 0        | 0                           | 0                                 | 0                   | 0                   |
| Maximum number          | 970       | 90       | 350                         | 300                               | 105                 | 140                 |
| Average number          | 965       | 80       | 350                         | 280                               | 100                 | 125                 |
| Avg live weight (lbs)   | 1,400     | 1,400    | 890                         | 600                               |                     |                     |

Predominant milk cow breed: Holstein

Average milk production: 85 pounds per cow per day

**B. MANURE GENERATED**

Total manure excreted by the herd: 34,487.19 tons per reporting period

Total nitrogen from manure: 431,737.60 lbs per reporting period

After ammonia losses (30% loss applied): 302,216.32 lbs per reporting period

Total phosphorus from manure: 71,732.70 lbs per reporting period

Total potassium from manure: 194,316.48 lbs per reporting period

Total salt from manure: 472,766.25 lbs per reporting period

**C. PROCESS WASTEWATER GENERATED**

Process wastewater generated: 6,192,000 gallons

Total nitrogen generated: 25,491.00 lbs

$$\begin{array}{r} 6,192,000 \text{ gallons applied} \\ + 0 \text{ gallons exported} \\ - 0 \text{ gallons imported} \\ = 6,192,000 \text{ gallons generated} \end{array}$$

Total phosphorus generated: 5,026.63 lbs

Total potassium generated: 40,473.78 lbs

Total salt generated: 203,588.63 lbs

**D. FRESH WATER SOURCES**

| Source Description | Type          |
|--------------------|---------------|
| Bethel Canal       | Surface water |
| Eastman Canal      | Surface 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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**APPLICATION AREA**

**A. LIST OF LAND APPLICATION AREAS**

| Field name  | Controlled acres | Cropable acres | Total harvests | Type of waste applied | Parcel number  |
|---|------------------|----------------|----------------|-----------------------|--|
| Field 1   | 28               | 28             | 2              | both                  | 0025-0140-0007-0000  |
| Field 2   | 40               | 40             | 2              | both                  | 0025-0140-0004-0000<br>0025-0140-0007-0000   |
| Field 3   | 67               | 36             | 2              | both                  | 0025-0140-0007-0000  |
| Field 4   | 117              | 117            | 2              | both                  | 0025-0150-0011-0000<br>0025-0150-0012-0000<br>0025-0150-0013-0000<br>0025-0150-0014-0000<br>0025-0150-0015-0000<br>0025-0150-0016-0000 |
| Totals for areas that were used for application     | 252              | 221            | 8              |                       |  |
| Totals for areas that were not used for application |                  |                |                |                       |  |
| Land application area totals                        | 252              | 221            | 8              |                       |  |

**B. CROPS AND HARVESTS**

Field 1

Field name: Field 1

10/21/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 28      Plant date: 10/21/2022

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 04/21/2023   | 411.00 ton | Dry-weight      |                     | 77.0         | 23,600.00 | 5,400.00  | 33,000.00 |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 18.00             | 198.00             | 30.60              | 149.40             | 0.00            |
| Total actual harvest content | 14.68             | 159.35             | 36.46              | 222.82             | 0.00            |

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**Field 1**

05/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 28      Plant date: 05/01/2023

| Harvest date                 | Yield             | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|------------------------------|-------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 08/21/2023                   | 828.00 <i>ton</i> | Dry-weight      |                     | 73.0         | 16,400.00 | 3,400.00  | 19,300.00 |              | 0.00    |
|                              |                   |                 |                     |              |           |           |           |              |         |
| Anticipated harvest content  |                   |                 |                     |              |           |           |           |              |         |
| Total actual harvest content |                   |                 |                     |              |           |           |           |              |         |

**Field 2**

Field name: Field 2

10/21/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 40      Plant date: 10/21/2022

| Harvest date                 | Yield             | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|------------------------------|-------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 04/21/2023                   | 778.00 <i>ton</i> | Dry-weight      |                     | 76.0         | 18,400.00 | 4,700.00  | 30,800.00 |              | 0.00    |
|                              |                   |                 |                     |              |           |           |           |              |         |
| Anticipated harvest content  |                   |                 |                     |              |           |           |           |              |         |
| Total actual harvest content |                   |                 |                     |              |           |           |           |              |         |

05/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 40      Plant date: 05/01/2023

| Harvest date                 | Yield               | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|------------------------------|---------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 08/20/2023                   | 1,527.00 <i>ton</i> | Dry-weight      |                     | 73.0         | 15,200.00 | 2,900.00  | 17,600.00 |              | 0.00    |
|                              |                     |                 |                     |              |           |           |           |              |         |
| Anticipated harvest content  |                     |                 |                     |              |           |           |           |              |         |
| Total actual harvest content |                     |                 |                     |              |           |           |           |              |         |

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**Field 3**

Field name: Field 3

10/21/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 36      Plant date: 10/21/2022

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 04/21/2023   | 487.00 ton | Dry-weight      |                     | 62.0         | 18,400.00 | 4,200.00  | 30,050.00 |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 18.00             | 198.00             | 30.60              | 149.40             | 0.00            |
| Total actual harvest content | 13.53             | 189.17             | 43.18              | 308.95             | 0.00            |

05/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 36      Plant date: 05/01/2023

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 08/19/2023   | 945.00 ton | Dry-weight      |                     | 75.0         | 14,900.00 | 3,000.00  | 16,800.00 |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 30.00             | 240.00             | 45.00              | 198.00             | 0.00            |
| Total actual harvest content | 26.25             | 195.56             | 39.38              | 220.50             | 0.00            |

**Field 4**

Field name: Field 4

11/14/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 117      Plant date: 11/14/2022

| Harvest date | Yield        | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|--------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 05/26/2023   | 2,321.00 ton | Dry-weight      |                     | 55.0         | 19,000.00 | 2,900.00  | 20,800.00 |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 18.00             | 198.00             | 30.60              | 149.40             | 0.00            |
| Total actual harvest content | 19.84             | 339.22             | 51.78              | 371.36             | 0.00            |

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**Field 4**

06/15/2023: Corn, silage

Crop: Corn, silage      Acres planted: 117      Plant date: 06/15/2023

| Harvest date | Yield               | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|---------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/13/2023   | 3,097.00 <i>ton</i> | Dry-weight      |                     | 64.0         | 13,700.00 | 2,500.00  | 16,700.00 |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 30.00             | 240.00             | 45.00              | 198.00             | 0.00            |
| Total actual harvest content | 26.47             | 261.10             | 47.65              | 318.28             | 0.00            |

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**NUTRIENT BUDGET****A. LAND APPLICATIONS**

Field 1 - 10/21/2022: Wheat, silage, soft dough

Field name: Field 1

Crop: Wheat, silage, soft dough

Plant date: 10/21/2022

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |                  | Precipitation 24 hours following |                |
|--------------------------|----------------------|------------------------------|----------------------------------|------------------|----------------------------------|----------------|
| 01/27/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |                  | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 46.13                        | 9.70                             | 73.04            | 338.19                           | 288,000.00 gal |
| Application event totals |                      | 46.13                        | 9.70                             | 73.04            | 338.19                           |                |
| 03/04/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 46.13                        | 9.70                             | 73.04            | 338.19                           | 288,000.00 gal |
| Application event totals |                      | 46.13                        | 9.70                             | 73.04            | 338.19                           |                |

Field 1 - 05/01/2023: Corn, silage

Field name: Field 1

Crop: Corn, silage

Plant date: 05/01/2023

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |                  | Precipitation 24 hours following |                  |
|--------------------------|----------------------|------------------------------|----------------------------------|------------------|----------------------------------|------------------|
| 05/26/2023               | Plow/disc            | No precipitation             | No precipitation                 |                  | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount           |
| Manure                   | Corral solids        | 45.64                        | 12.86                            | 43.50            | 0.00                             | 30.00 ton        |
| Application event totals |                      | 45.64                        | 12.86                            | 43.50            | 0.00                             |                  |
| 06/22/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.12                         | 0.00                             | 0.00             | 116.23                           | 3,900,000.00 gal |
| Application event totals |                      | 0.12                         | 0.00                             | 0.00             | 116.23                           |                  |

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**Field 1 - 05/01/2023: Corn, silage**

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |                  |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|------------------|
| 06/22/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Lagoon                   | Process wastewater   | 39.87                        | 7.47                             | 63.43        | 338.19                           | 288,000.00 gal   |
| Application event totals |                      | 39.87                        | 7.47                             | 63.43        | 338.19                           |                  |
| 07/06/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.12                         | 0.00                             | 0.00         | 116.23                           | 3,900,000.00 gal |
| Application event totals |                      | 0.12                         | 0.00                             | 0.00         | 116.23                           |                  |
| 07/24/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.12                         | 0.00                             | 0.00         | 116.23                           | 3,900,000.00 gal |
| Application event totals |                      | 0.12                         | 0.00                             | 0.00         | 116.23                           |                  |
| 07/24/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Lagoon                   | Process wastewater   | 39.87                        | 7.47                             | 63.43        | 338.19                           | 288,000.00 gal   |
| Application event totals |                      | 39.87                        | 7.47                             | 63.43        | 338.19                           |                  |
| 08/10/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.12                         | 0.00                             | 0.00         | 116.23                           | 3,900,000.00 gal |
| Application event totals |                      | 0.12                         | 0.00                             | 0.00         | 116.23                           |                  |

**Field 2 - 10/21/2022: Wheat, silage, soft dough**

Field name: Field 2

Crop: Wheat, silage, soft dough

Plant date: 10/21/2022

| Application date | Application method | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
|------------------|--------------------|------------------------------|----------------------------------|----------------------------------|
|------------------|--------------------|------------------------------|----------------------------------|----------------------------------|

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**Field 2 - 10/21/2022: Wheat, silage, soft dough**

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |                  | Precipitation 24 hours following |                |
|--------------------------|----------------------|------------------------------|----------------------------------|------------------|----------------------------------|----------------|
| 01/29/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |                  | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 32.29                        | 6.79                             | 51.13            | 236.73                           | 288,000.00 gal |
| Application event totals |                      | 32.29                        | 6.79                             | 51.13            | 236.73                           |                |
| 03/06/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 32.29                        | 6.79                             | 51.13            | 236.73                           | 288,000.00 gal |
| Application event totals |                      | 32.29                        | 6.79                             | 51.13            | 236.73                           |                |

**Field 2 - 05/01/2023: Corn, silage**

| Field name:              | Field 2              |                              |              |                                  |                 |                                  |  |
|--------------------------|----------------------|------------------------------|--------------|----------------------------------|-----------------|----------------------------------|--|
| Crop:                    | Corn, silage         |                              |              |                                  |                 |                                  |  |
| Application date         | Application method   | Precipitation 24 hours prior |              | Precipitation during application |                 | Precipitation 24 hours following |  |
| 05/26/2023               | Plow/disc            | No precipitation             |              | No precipitation                 |                 | No precipitation                 |  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                           |  |
| Manure                   | Corral solids        | 46.86                        | 13.20        | 44.66                            | 0.00            | 44.00 ton                        |  |
| Application event totals |                      | 46.86                        | 13.20        | 44.66                            | 0.00            |                                  |  |
| 06/19/2023               | Surface (irrigation) | No precipitation             |              | No precipitation                 |                 | No precipitation                 |  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                           |  |
| Eastman Canal            | Surface water        | 0.19                         | 0.00         | 0.00                             | 187.76          | 9,000,000.00 gal                 |  |
| Application event totals |                      | 0.19                         | 0.00         | 0.00                             | 187.76          |                                  |  |
| 06/19/2023               | Surface (irrigation) | No precipitation             |              | No precipitation                 |                 | No precipitation                 |  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                           |  |
| Lagoon                   | Process wastewater   | 27.91                        | 5.23         | 44.40                            | 236.73          | 288,000.00 gal                   |  |
| Application event totals |                      | 27.91                        | 5.23         | 44.40                            | 236.73          |                                  |  |

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**Field 2 - 05/01/2023: Corn, silage**

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |                  |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|------------------|
| 07/03/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.19                         | 0.00                             | 0.00         | 187.76                           | 9,000,000.00 gal |
| Application event totals |                      | 0.19                         | 0.00                             | 0.00         | 187.76                           |                  |
| 07/21/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.19                         | 0.00                             | 0.00         | 187.76                           | 9,000,000.00 gal |
| Application event totals |                      | 0.19                         | 0.00                             | 0.00         | 187.76                           |                  |
| 07/21/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Lagoon                   | Process wastewater   | 27.91                        | 5.23                             | 44.40        | 236.73                           | 288,000.00 gal   |
| Application event totals |                      | 27.91                        | 5.23                             | 44.40        | 236.73                           |                  |
| 08/07/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.19                         | 0.00                             | 0.00         | 187.76                           | 9,000,000.00 gal |
| Application event totals |                      | 0.19                         | 0.00                             | 0.00         | 187.76                           |                  |

**Field 3 - 10/21/2022: Wheat, silage, soft dough**

Field name: Field 3

Crop: Wheat, silage, soft dough

Plant date: 10/21/2022

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |                |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|----------------|
| 01/25/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 35.88                        | 7.54                             | 56.81        | 263.03                           | 288,000.00 gal |
| Application event totals |                      | 35.88                        | 7.54                             | 56.81        | 263.03                           |                |

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

Field 3 - 10/21/2022: Wheat, silage, soft dough

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|
| 03/02/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  |
| Lagoon                   | Process wastewater   | 35.88                        | 7.54                             | 56.81        | 263.03                           |
| Application event totals |                      | 35.88                        | 7.54                             | 56.81        | 263.03                           |
|                          |                      |                              |                                  |              | Amount                           |
|                          |                      |                              |                                  |              | 288,000.00 gal                   |

Field 3 - 05/01/2023: Corn, silage

Field name: Field 3

Crop: Corn, silage

Plant date: 05/01/2023

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|
| 05/26/2023               | Plow/disc            | No precipitation             | No precipitation                 |              | No precipitation                 |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  |
| Manure                   | Corral solids        | 47.33                        | 13.33                            | 45.11        | 0.00                             |
| Application event totals |                      | 47.33                        | 13.33                            | 45.11        | 0.00                             |
| 06/17/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  |
| Eastman Canal            | Surface water        | 0.13                         | 0.00                             | 0.00         | 125.18                           |
| Application event totals |                      | 0.13                         | 0.00                             | 0.00         | 125.18                           |
| 06/17/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  |
| Lagoon                   | Process wastewater   | 31.01                        | 5.81                             | 49.34        | 263.03                           |
| Application event totals |                      | 31.01                        | 5.81                             | 49.34        | 263.03                           |
| 07/01/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  |
| Eastman Canal            | Surface water        | 0.13                         | 0.00                             | 0.00         | 125.18                           |
| Application event totals |                      | 0.13                         | 0.00                             | 0.00         | 125.18                           |

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

**Field 3 - 05/01/2023: Corn, silage**

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |                  |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|------------------|
| 07/19/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.13                         | 0.00                             | 0.00         | 125.18                           | 5,400,000.00 gal |
| Application event totals |                      | 0.13                         | 0.00                             | 0.00         | 125.18                           |                  |
| 07/19/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Lagoon                   | Process wastewater   | 31.01                        | 5.81                             | 49.34        | 263.03                           | 288,000.00 gal   |
| Application event totals |                      | 31.01                        | 5.81                             | 49.34        | 263.03                           |                  |
| 08/05/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                  |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount           |
| Eastman Canal            | Surface water        | 0.13                         | 0.00                             | 0.00         | 125.18                           | 5,400,000.00 gal |
| Application event totals |                      | 0.13                         | 0.00                             | 0.00         | 125.18                           |                  |

**Field 4 - 11/14/2022: Wheat, silage, soft dough**

Field name: Field 4

Crop: Wheat, silage, soft dough

Plant date: 11/14/2022

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              | Precipitation 24 hours following |                |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|----------------------------------|----------------|
| 02/21/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 27.60                        | 5.80                             | 43.70        | 202.33                           | 720,000.00 gal |
| Application event totals |                      | 27.60                        | 5.80                             | 43.70        | 202.33                           |                |
| 04/08/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |              | No precipitation                 |                |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount         |
| Lagoon                   | Process wastewater   | 28.62                        | 5.36                             | 45.54        | 242.80                           | 864,000.00 gal |
| Application event totals |                      | 28.62                        | 5.36                             | 45.54        | 242.80                           |                |

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

Field 4 - 06/15/2023: Corn, silage

Field name: Field 4

Crop: Corn, silage

Plant date: 06/15/2023

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |                  | Precipitation 24 hours following |                   |
|--------------------------|----------------------|------------------------------|----------------------------------|------------------|----------------------------------|-------------------|
| 05/26/2023               | Plow/disc            | No precipitation             | No precipitation                 |                  | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Manure                   | Corral solids        | 83.02                        | 23.38                            | 79.12            | 0.00                             | 228.00 ton        |
| Application event totals |                      | 83.02                        | 23.38                            | 79.12            | 0.00                             |                   |
| 07/08/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |
| 07/08/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Lagoon                   | Process wastewater   | 28.62                        | 5.36                             | 45.54            | 242.80                           | 864,000.00 gal    |
| Application event totals |                      | 28.62                        | 5.36                             | 45.54            | 242.80                           |                   |
| 07/25/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |
| 08/12/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |
| 08/12/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Lagoon                   | Process wastewater   | 9.54                         | 1.79                             | 15.18            | 80.93                            | 288,000.00 gal    |
| Application event totals |                      | 9.54                         | 1.79                             | 15.18            | 80.93                            |                   |

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

Field 4 - 06/15/2023: Corn, silage

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |                  | Precipitation 24 hours following |                   |
|--------------------------|----------------------|------------------------------|----------------------------------|------------------|----------------------------------|-------------------|
| 08/29/2023               | Surface (irrigation) | No precipitation             | No precipitation                 |                  | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |
| 09/15/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |
| 09/28/2023               | Surface (irrigation) | No precipitation             | No precipitation                 | No precipitation | No precipitation                 |                   |
| Source description       | Material type        | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre)                  | Amount            |
| Bethel Canal             | Surface water        | 0.29                         | 0.00                             | 0.00             | 87.94                            | 20,550,000.00 gal |
| Application event totals |                      | 0.29                         | 0.00                             | 0.00             | 87.94                            |                   |

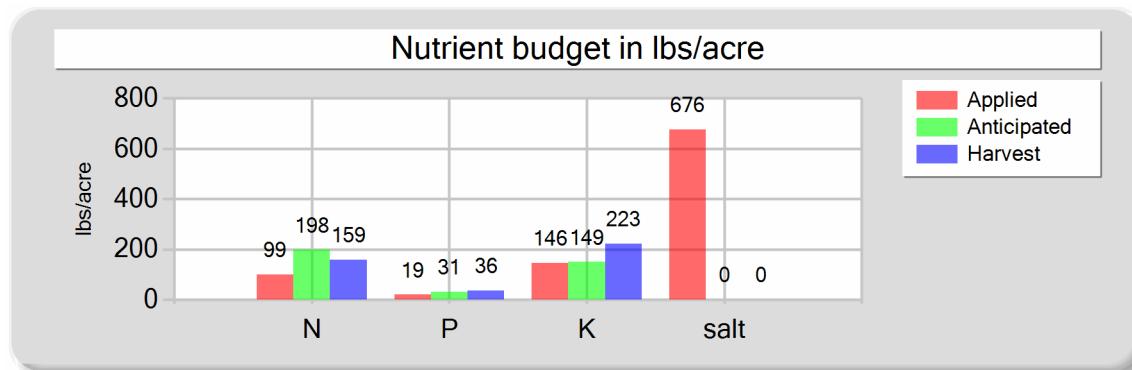
**Annual Report - General Order No. R5-2007-0035**

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

**B. NUTRIENT BUDGET**

Field 1 - 10/21/2022: Wheat, silage, soft dough

|                     |                                 |                        |
|---------------------|---------------------------------|------------------------|
| Field name: Field 1 | Crop: Wheat, silage, soft dough | Plant date: 10/21/2022 |
|---------------------|---------------------------------|------------------------|



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|
| 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                | 92.25              | 19.40              | 146.09             | 676.37                |
| Fresh water                       | 0.00               | 0.00               | 0.00               | 0.00                  |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |
| <b>Total nutrients applied</b>    | <b>99.25</b>       | <b>19.40</b>       | <b>146.09</b>      | <b>676.37</b>         |
| Anticipated crop nutrient removal | 198.00             | 30.60              | 149.40             | 0.00                  |
| Actual crop nutrient removal      | 159.35             | 36.46              | 222.82             | 0.00                  |
| Nutrient balance                  | -60.10             | -17.06             | -76.73             | 676.37                |
| Applied to removed ratio          | 0.62               | 0.53               | 0.66               | 0.00                  |

|                             |                    |
|-----------------------------|--------------------|
| Fresh water applied         | 0.00 gallons       |
|                             | 0.00 acre-inches   |
|                             | 0.00 inches/acre   |
| Process wastewater applied  | 576,000.00 gallons |
|                             | 21.21 acre-inches  |
|                             | 0.76 inches/acre   |
| Total harvests for the crop | 1 harvests         |

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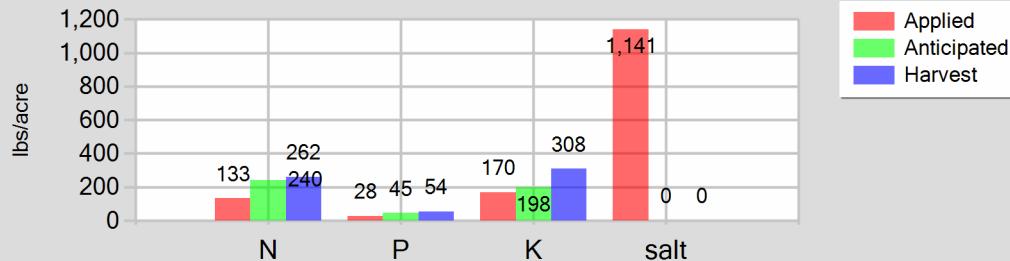
Field 1 - 05/01/2023: Corn, silage

Field name: Field 1

Crop: Corn, silage

Plant date: 05/01/2023

**Nutrient budget in lbs/acre**



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) | Fresh water applied   |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|-----------------------|
| Existing soil nutrient content    | 0.00               | 0.00               | 0.00               | 0.00                  | 15,600,000.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 574.49 acre-inches    |
| Commercial fertilizer / Other     | 0.00               | 0.00               | 0.00               | 0.00                  | 20.52 inches/acre     |
| Dry manure                        | 45.64              | 12.86              | 43.50              | 0.00                  |                       |
| Process wastewater                | 79.74              | 14.94              | 126.86             | 676.37                | 576,000.00 gallons    |
| Fresh water                       | 0.46               | 0.00               | 0.00               | 464.94                | 21.21 acre-inches     |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  | 0.76 inches/acre      |
| Total nutrients applied           | 132.85             | 27.79              | 170.36             | 1,141.31              |                       |
| Anticipated crop nutrient removal | 240.00             | 45.00              | 198.00             | 0.00                  |                       |
| Actual crop nutrient removal      | 261.88             | 54.29              | 308.19             | 0.00                  |                       |
| Nutrient balance                  | -129.04            | -26.50             | -137.83            | 1,141.31              |                       |
| Applied to removed ratio          | 0.51               | 0.51               | 0.55               | 0.00                  |                       |
| Total harvests for the crop       |                    |                    |                    |                       | 1 harvests            |

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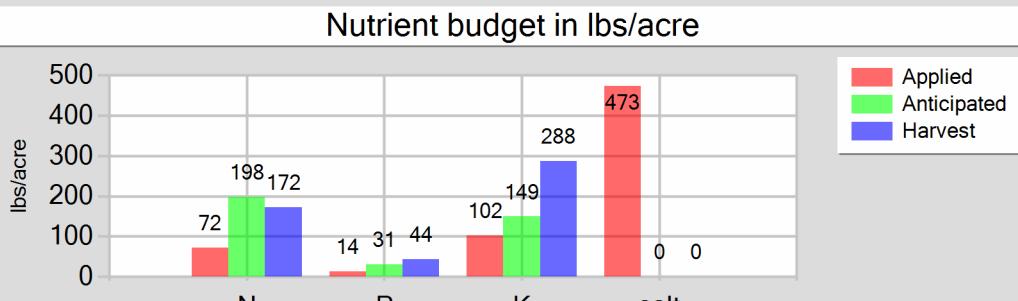
Reporting period 01/01/2023 to 12/31/2023.

Field 2 - 10/21/2022: Wheat, silage, soft dough

Field name: Field 2

Crop: Wheat, silage, soft dough

Plant date: 10/21/2022



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) | Fresh water applied   |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|---|
| Existing soil nutrient content    | 0.00               | 0.00               | 0.00               | 0.00                  | 0.00 gallons<br>0.00 acre-inches<br>0.00 inches/acre                                      |
| 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                | 64.58              | 13.58              | 102.26             | 473.46                | Process wastewater applied<br>576,000.00 gallons<br>21.21 acre-inches<br>0.53 inches/acre |
| Fresh water                       | 0.00               | 0.00               | 0.00               | 0.00                  |   |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |   |
| Total nutrients applied           | 71.58              | 13.58              | 102.26             | 473.46                |   |
| Anticipated crop nutrient removal | 198.00             | 30.60              | 149.40             | 0.00                  |   |
| Actual crop nutrient removal      | 171.78             | 43.88              | 287.55             | 0.00                  |   |
| Nutrient balance                  | -100.20            | -30.30             | -185.29            | 473.46                |   |
| Applied to removed ratio          | 0.42               | 0.31               | 0.36               | 0.00                  | Total harvests for the crop<br>1 harvests   |

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

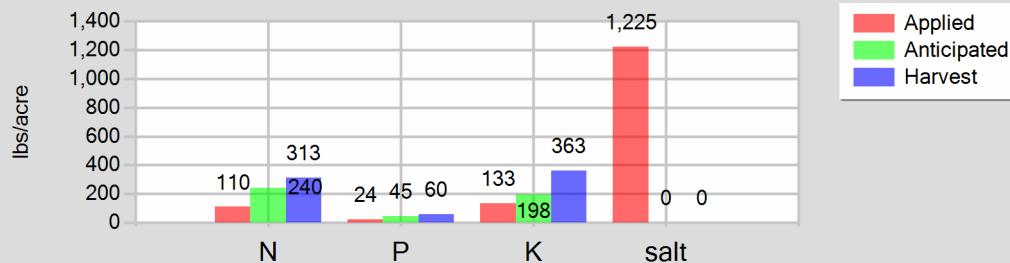
Field 2 - 05/01/2023: Corn, silage

Field name: Field 2

Crop: Corn, silage

Plant date: 05/01/2023

**Nutrient budget in lbs/acre**



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) | Fresh water applied         |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|-----------------------------|
| Existing soil nutrient content    | 0.00               | 0.00               | 0.00               | 0.00                  | 36,000,000.00 gallons       |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,325.76 acre-inches        |
| Commercial fertilizer / Other     | 0.00               | 0.00               | 0.00               | 0.00                  | 33.14 inches/acre           |
| Dry manure                        | 46.86              | 13.20              | 44.66              | 0.00                  |                             |
| Process wastewater                | 55.82              | 10.45              | 88.80              | 473.46                |                             |
| Fresh water                       | 0.75               | 0.00               | 0.00               | 751.05                |                             |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |                             |
| Total nutrients applied           | 110.43             | 23.65              | 133.46             | 1,224.51              | Process wastewater applied  |
| Anticipated crop nutrient removal | 240.00             | 45.00              | 198.00             | 0.00                  | 576,000.00 gallons          |
| Actual crop nutrient removal      | 313.34             | 59.78              | 362.82             | 0.00                  | 21.21 acre-inches           |
| Nutrient balance                  | -202.91            | -36.13             | -229.35            | 1,224.51              | 0.53 inches/acre            |
| Applied to removed ratio          | 0.35               | 0.40               | 0.37               | 0.00                  | Total harvests for the crop |
|                                   |                    |                    |                    |                       | 1 harvests                  |

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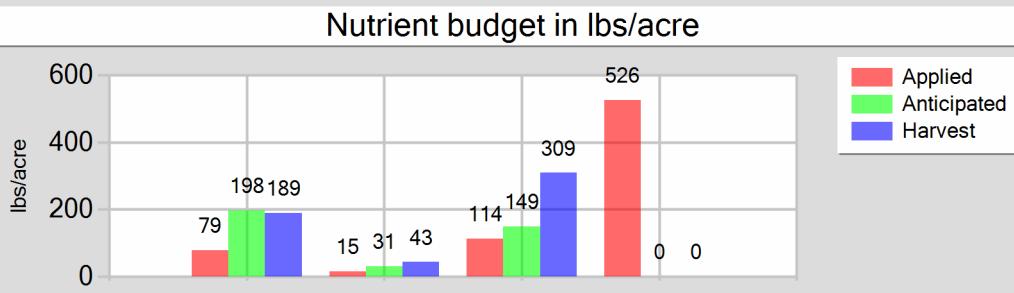
Reporting period 01/01/2023 to 12/31/2023.

Field 3 - 10/21/2022: Wheat, silage, soft dough

Field name: Field 3

Crop: Wheat, silage, soft dough

Plant date: 10/21/2022



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|
| 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                | 71.75              | 15.09              | 113.63             | 526.07                |
| Fresh water                       | 0.00               | 0.00               | 0.00               | 0.00                  |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |
| Total nutrients applied           | 78.75              | 15.09              | 113.63             | 526.07                |
| Anticipated crop nutrient removal | 198.00             | 30.60              | 149.40             | 0.00                  |
| Actual crop nutrient removal      | 189.17             | 43.18              | 308.95             | 0.00                  |
| Nutrient balance                  | -110.42            | -28.09             | -195.32            | 526.07                |
| Applied to removed ratio          | 0.42               | 0.35               | 0.37               | 0.00                  |

**Fresh water applied**

|                  |
|------------------|
| 0.00 gallons     |
| 0.00 acre-inches |
| 0.00 inches/acre |

**Process wastewater applied**

|                    |
|--------------------|
| 576,000.00 gallons |
| 21.21 acre-inches  |
| 0.59 inches/acre   |

**Total harvests for the crop**

|            |
|------------|
| 1 harvests |
|------------|

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

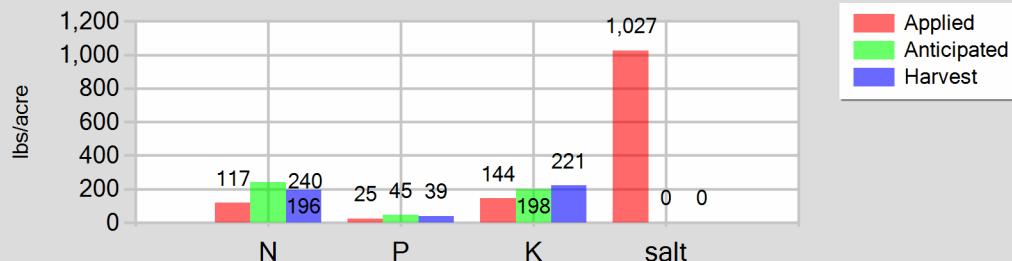
Field 3 - 05/01/2023: Corn, silage

Field name: Field 3

Crop: Corn, silage

Plant date: 05/01/2023

**Nutrient budget in lbs/acre**



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|
| 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                        | 47.33              | 13.33              | 45.11              | 0.00                  |
| Process wastewater                | 62.02              | 11.62              | 98.67              | 526.07                |
| Fresh water                       | 0.50               | 0.00               | 0.00               | 500.70                |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |
| Total nutrients applied           | 116.85             | 24.95              | 143.78             | 1,026.77              |
| Anticipated crop nutrient removal | 240.00             | 45.00              | 198.00             | 0.00                  |
| Actual crop nutrient removal      | 195.56             | 39.38              | 220.50             | 0.00                  |
| Nutrient balance                  | -78.71             | -14.43             | -76.72             | 1,026.77              |
| Applied to removed ratio          | 0.60               | 0.63               | 0.65               | 0.00                  |

**Fresh water applied**

21,600,000.00 gallons  
795.45 acre-inches  
22.10 inches/acre

**Process wastewater applied**

576,000.00 gallons  
21.21 acre-inches  
0.59 inches/acre

**Total harvests for the crop**

1 harvests

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

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

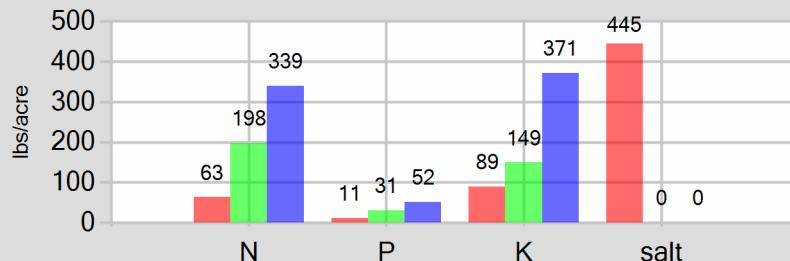
Field 4 - 11/14/2022: Wheat, silage, soft dough

Field name: Field 4

Crop: Wheat, silage, soft dough

Plant date: 11/14/2022

**Nutrient budget in lbs/acre**



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) | Fresh water applied   |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|---|
| Existing soil nutrient content    | 0.00               | 0.00               | 0.00               | 0.00                  | 0.00 gallons<br>0.00 acre-inches<br>0.00 inches/acre          |
| 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                | 56.22              | 11.16              | 89.24              | 445.14                | 1,584,000.00 gallons<br>58.33 acre-inches<br>0.50 inches/acre |
| Fresh water                       | 0.00               | 0.00               | 0.00               | 0.00                  |   |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |   |
| Total nutrients applied           | 63.22              | 11.16              | 89.24              | 445.14                |   |
| Anticipated crop nutrient removal | 198.00             | 30.60              | 149.40             | 0.00                  |   |
| Actual crop nutrient removal      | 339.22             | 51.78              | 371.36             | 0.00                  |   |
| Nutrient balance                  | -276.00            | -40.61             | -282.12            | 445.14                |   |
| Applied to removed ratio          | 0.19               | 0.22               | 0.24               | 0.00                  |   |
| Total harvests for the crop       |                    |                    |                    |                       | 1 harvests  |

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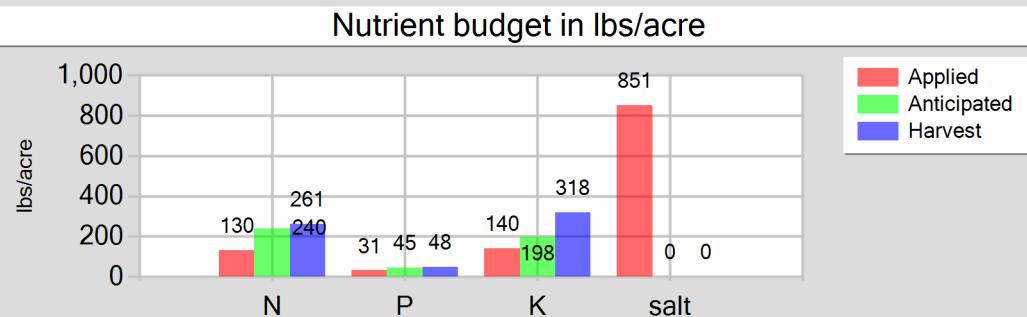
Reporting period 01/01/2023 to 12/31/2023.

Field 4 - 06/15/2023: Corn, silage

Field name: Field 4

Crop: Corn, silage

Plant date: 06/15/2023



|                                   | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Total salt (lbs/acre) |
|-----------------------------------|--------------------|--------------------|--------------------|-----------------------|
| 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                        | 83.02              | 23.38              | 79.12              | 0.00                  |
| Process wastewater                | 38.17              | 7.15               | 60.72              | 323.73                |
| Fresh water                       | 1.76               | 0.00               | 0.00               | 527.66                |
| Atmospheric deposition            | 7.00               | 0.00               | 0.00               | 0.00                  |
| Total nutrients applied           | 129.94             | 30.53              | 139.84             | 851.40                |
| Anticipated crop nutrient removal | 240.00             | 45.00              | 198.00             | 0.00                  |
| Actual crop nutrient removal      | 261.10             | 47.65              | 318.28             | 0.00                  |
| Nutrient balance                  | -131.16            | -17.11             | -178.44            | 851.40                |
| Applied to removed ratio          | 0.50               | 0.64               | 0.44               | 0.00                  |

**Fresh water applied**

123,300,000.00 gallons  
4,540.72 acre-inches  
38.81 inches/acre

**Process wastewater applied**

1,152,000.00 gallons  
42.42 acre-inches  
0.36 inches/acre

**Total harvests for the crop**

1 harvests

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

**NUTRIENT ANALYSES****A. MANURE ANALYSES****Manure**

Sample and source description: Manure

Sample date: 04/25/2023 Material type: Corral solids

Source of analysis: Lab analysis

Method of reporting: As-is

Moisture: 30.7 %

|       | Total N<br>(mg/kg) | Total P<br>(mg/kg) | Total K<br>(mg/kg) | Calcium<br>(mg/kg) | Magnesium<br>(mg/kg) | Sodium<br>(mg/kg) | Sulfur<br>(mg/kg) | Chloride<br>(mg/kg) | Total salt<br>(mg/kg) | TFS<br>(%) |
|-------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| Value | 21,300.00          | 6,000.00           | 20,300.00          |                    |                      |                   |                   |                     |                       |            |
| DL    | 100.00             | 100.00             | 30.00              |                    |                      |                   |                   |                     |                       |            |

**Manure**

Sample and source description: Manure

Sample date: 10/13/2023 Material type: Corral solids

Source of analysis: Lab analysis

Method of reporting: As-is

Moisture: 23.9 %

|       | Total N<br>(mg/kg) | Total P<br>(mg/kg) | Total K<br>(mg/kg) | Calcium<br>(mg/kg) | Magnesium<br>(mg/kg) | Sodium<br>(mg/kg) | Sulfur<br>(mg/kg) | Chloride<br>(mg/kg) | Total salt<br>(mg/kg) | TFS<br>(%) |
|-------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| Value | 16,900.00          | 4,500.00           | 14,000.00          |                    |                      |                   |                   |                     |                       |            |
| DL    | 100.00             | 100.00             | 30.00              |                    |                      |                   |                   |                     |                       |            |

**B. PROCESS WASTEWATER ANALYSES****Lagoon**

Sample and source description: Lagoon

Sample date: 03/30/2023 Material type: Process wastewater

Source of analysis: Lab analysis

pH: 7.40

|       | Kjeldahl-N<br>(mg/L) | NH4-N<br>(mg/L) | NH3-N<br>(mg/L) | Nitrate-N<br>(mg/L) | Total P<br>(mg/L) | Total K<br>(mg/L) | Calcium<br>(mg/L) | Magnes.<br>(mg/L) | Sodium<br>(mg/L) | Bicarb.<br>(mg/L) | Carb.<br>(mg/L) | Sulfate<br>(mg/L) | Chloride<br>(mg/L) | EC<br>(µmhos/cm) | TDS<br>(mg/L) |
|-------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| Value | 536.00               | 403.00          |                 | 1.40                | 113.00            | 851.00            |                   |                   |                  |                   |                 |                   |                    | 8,160.00         | 3,940         |
| DL    | 0.70                 | 0.20            |                 | 0.01                | 0.02              | 0.20              |                   |                   |                  |                   |                 |                   |                    | 1.00             | 10            |

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**Lagoon**Sample and source description: LagoonSample date: 06/30/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.40

|       | Kjeldahl-N<br>(mg/L) | NH4-N<br>(mg/L) | NH3-N<br>(mg/L) | Nitrate-N<br>(mg/L) | Total P<br>(mg/L) | Total K<br>(mg/L) | Calcium<br>(mg/L) | Magnes.<br>(mg/L) | Sodium<br>(mg/L) | Bicarb.<br>(mg/L) | Carb.<br>(mg/L) | Sulfate<br>(mg/L) | Chloride<br>(mg/L) | EC<br>(µmhos/cm) | TDS<br>(mg/L) |
|-------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| Value | 464.00               | 322.00          |                 | 0.50                | 87.00             | 739.00            |                   |                   |                  |                   |                 |                   |                    | 7,280.00         | 3,940         |
| DL    | 0.70                 | 0.20            |                 | 0.01                | 0.02              | 0.20              |                   |                   |                  |                   |                 |                   |                    | 1.00             | 10            |

**Lagoon**Sample and source description: LagoonSample date: 10/13/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.30

|       | Kjeldahl-N<br>(mg/L) | NH4-N<br>(mg/L) | NH3-N<br>(mg/L) | Nitrate-N<br>(mg/L) | Total P<br>(mg/L) | Total K<br>(mg/L) | Calcium<br>(mg/L) | Magnes.<br>(mg/L) | Sodium<br>(mg/L) | Bicarb.<br>(mg/L) | Carb.<br>(mg/L) | Sulfate<br>(mg/L) | Chloride<br>(mg/L) | EC<br>(µmhos/cm) | TDS<br>(mg/L) |
|-------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| Value | 249.00               | 188.00          |                 | 0.60                | 64.00             | 355.00            |                   |                   |                  |                   |                 |                   |                    | 4,480.00         | 2,550         |
| DL    | 0.70                 | 0.20            |                 | 0.01                | 0.02              | 0.20              |                   |                   |                  |                   |                 |                   |                    | 1.00             | 10            |

**C. FRESH WATER ANALYSES****Bethel Canal****Bethel Canal**Sample description: Bethel CanalSample date: 06/30/2023 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 | 0.20              |                 | 0.20                |                   |                     |                  |                       |                     |                   |                    | 52.30            | 60            |
| DL    | 0.01              |                 | 0.01                |                   |                     |                  |                       |                     |                   |                    | 1.00             | 10            |

**Eastman Canal**

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**Eastman Canal****Eastman Canal**Sample description: Eastman CanalSample date: 06/30/2023 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           |              | 0.10             |                |                  |               |                    |                  |                |                 | 52.70         | 100        |
| DL    | 0.01           |              | 0.01             |                |                  |               |                    |                  |                |                 | 1.00          | 10         |

**D. SOIL ANALYSES***No soil analyses entered.***E. PLANT TISSUE ANALYSES****Field 1 - 10/21/2022: Wheat, silage, soft dough****Field 1**Sample and source description: Field 1Sample date: 04/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 77.0 %

|       | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|-------|-----------------|-----------------|-----------------|--------------------|---------|
| Value | 23,600.00       | 5,400.00        | 33,000.00       |                    |         |
| DL    | 100.00          | 100.00          | 100.00          |                    |         |

**Field 1 - 05/01/2023: Corn, silage**

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

Field 1 - 05/01/2023: Corn, silage

Field 1

Sample and source description: Field 1

Sample date: 08/21/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 73.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 16,400.00       | 3,400.00        | 19,300.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 2 - 10/21/2022: Wheat, silage, soft dough

Field 2

Sample and source description: Field 2

Sample date: 04/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 76.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 18,400.00       | 4,700.00        | 30,800.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 2 - 05/01/2023: Corn, silage

Field 2

Sample and source description: Field 2

Sample date: 08/21/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 73.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 15,200.00       | 2,900.00        | 17,600.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

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Field 3 - 10/21/2022: Wheat, silage, soft dough

Field 3

Sample and source description: Field 3

Sample date: 04/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 62.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 18,400.00       | 4,200.00        | 30,050.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 3 - 05/01/2023: Corn, silage

Field 3

Sample and source description: Field 3

Sample date: 08/21/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 75.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 14,900.00       | 3,000.00        | 16,800.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 4 - 11/14/2022: Wheat, silage, soft dough

Field 4 East

Sample and source description: Field 4 East

Sample date: 05/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 55.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 19,000.00       | 2,900.00        | 20,800.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

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Field 4 - 11/14/2022: Wheat, silage, soft dough

Field 4 West

Sample and source description: Field 4 West

Sample date: 05/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 56.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 18,600.00       | 3,500.00        | 21,700.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 4 - 06/15/2023: Corn, silage

Field 4 East

Sample and source description: Field 4 East

Sample date: 10/12/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 64.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 13,700.00       | 2,500.00        | 16,700.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

Field 4 West

Sample and source description: Field 4 West

Sample date: 10/12/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 66.0 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 13,500.00       | 2,000.00        | 14,800.00       |                    |         |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    |         |

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

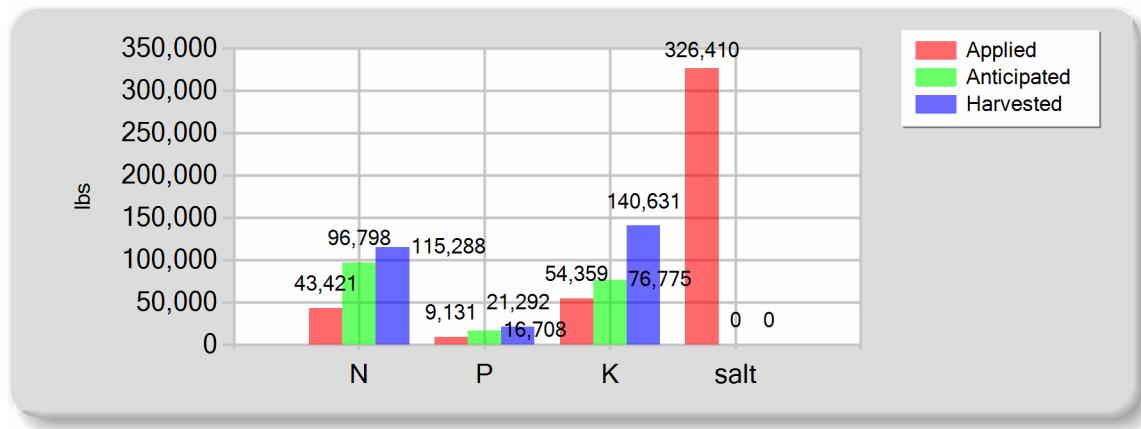
No subsurface (tile) drainage analyses entered.

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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                        | 14,569.20         | 4,104.00          | 13,885.20         | 0.00              |
| Process wastewater                | 25,491.00         | 5,026.63          | 40,473.78         | 203,588.63        |
| Fresh water                       | 266.87            | 0.00              | 0.00              | 122,821.71        |
| Atmospheric deposition            | 3,094.00          | 0.00              | 0.00              | 0.00              |
| <b>Total nutrients applied</b>    | <b>43,421.07</b>  | <b>9,130.63</b>   | <b>54,358.98</b>  | <b>326,410.34</b> |
| Anticipated crop nutrient removal | 96,798.00         | 16,707.60         | 76,775.40         | 0.00              |
| Actual crop nutrient removal      | 115,287.86        | 21,292.00         | 140,630.51        | 0.00              |
| <b>Nutrient balance</b>           | <b>-71,866.79</b> | <b>-12,161.37</b> | <b>-86,271.53</b> | <b>326,410.34</b> |
| Applied to removed ratio          | 0.38              | 0.43              | 0.39              | 0.00              |

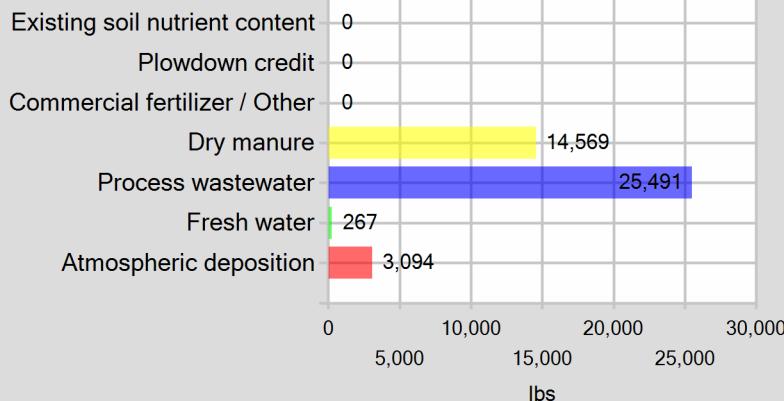
**B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL**

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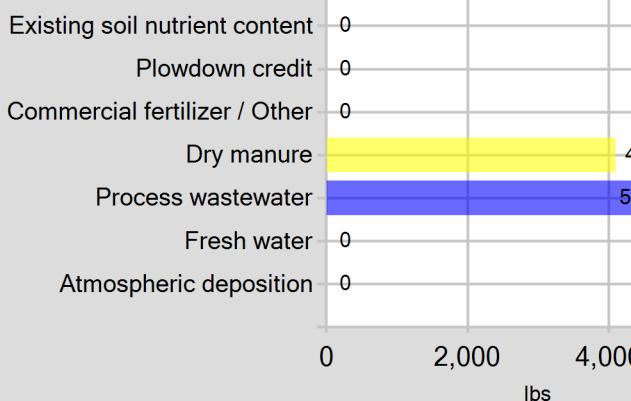
Reporting period 01/01/2023 to 12/31/2023.

C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE

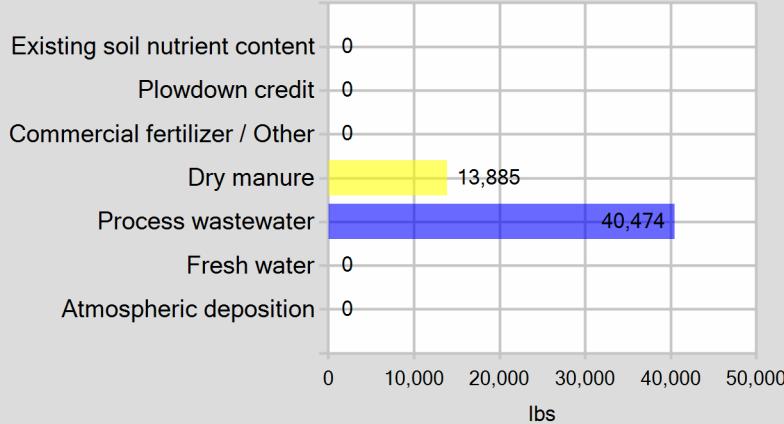
Pounds of nitrogen applied



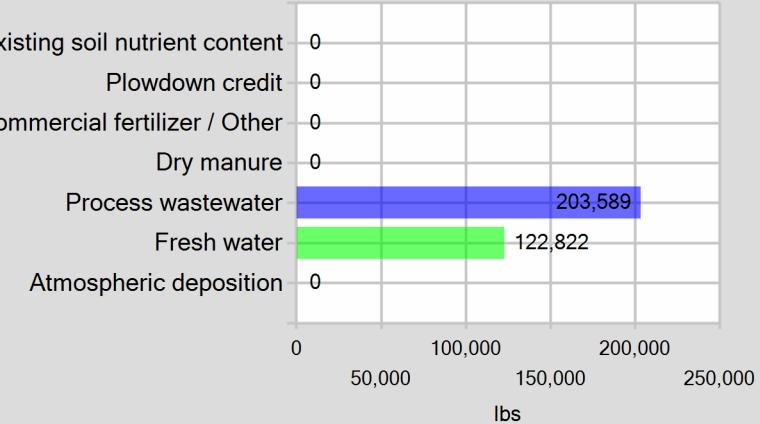
Pounds of phosphorus applied



Pounds of potassium applied



Pounds of salt applied



**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 notes entered for this annual report.*

**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.*

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SIGNATURE OF OWNER OF FACILITY

Leo Soares

PRINT OR TYPE NAME

---

SIGNATURE OF OPERATOR OF FACILITY

SAME AS OWNER

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**

*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**

Leo Soares

PRINT OR TYPE NAME

6-28-2024

DATE

**SIGNATURE OF OPERATOR OF FACILITY**

SAME AS OWNER

PRINT OR TYPE NAME

6-28-2024

DATE