

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: Costa View Dairy North

Physical address of dairy:

9499 Avenue 20

Number and Street

Chowchilla

City

Madera

County

93610

Zip Code

Street and nearest cross street (if no address):

Date facility was originally placed in operation: 01/01/1950

Regional Water Quality Control Board Basin Plan designation: San Joaquin River Basin

County Assessor Parcel Number(s) for dairy facility:

0021-0090-0005-0000

B. OPERATORS

Pietrowski, Larry

Operator name: Pietrowski, Larry

Telephone no.: (559) 706-2051

Landline

Cellular

9499 Avenue 20

Mailing Address Number and Street

Chowchilla

City

CA

State

93610

Zip Code

This operator is responsible for paying permit fees.

C. OWNERS

Costa View Farms

Legal owner name: Costa View Farms

Telephone no.: (559) 675-3131

Landline

Cellular

9499 Avenue 20

Mailing Address Number and Street

Chowchilla

City

CA

State

93610

Zip Code

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|   |  |                |                |
|---|--|----------------|----------------|
| Pietrowski, Larry                                 |  |                |                |
| Legal owner name: Pietrowski, Larry               |  | Telephone no.: | (559) 706-2051 |
|   |  | Landline       | Cellular       |
| 9499 Avenue 20                                    |  | CA             | 93610          |
| Mailing Address Number and Street                 |  | State          | Zip Code       |
| Chowchilla  |  |                |                |
| City  |  |                |                |
| 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         | 0        | 1,045                       | 145                               | 0                   | 0                   |
| Number under roof       | 0         | 300      | 0                           | 0                                 | 0                   | 0                   |
| Maximum number          | 0         | 315      | 1,050                       | 150                               | 0                   | 0                   |
| Average number          | 0         | 300      | 1,045                       | 145                               | 0                   | 0                   |
| Avg live weight (lbs)   | 0         | 1,400    | 900                         | 650                               |                     |                     |

Predominant milk cow breed: Holstein  
Average milk production: 1 pounds per cow per day

B. MANURE GENERATED

Total manure excreted by the herd: 16,252.67 tons per reporting period  
Total nitrogen from manure: 167,681.00 lbs per reporting period After ammonia losses (30% loss applied): 117,376.70 lbs per reporting period  
Total phosphorus from manure: 26,338.40 lbs per reporting period  
Total potassium from manure: 1.00 lbs per reporting period  
Total salt from manure: 68,985.00 lbs per reporting period

C. PROCESS WASTEWATER GENERATED

Process wastewater generated:                     gallons  
Total nitrogen generated:                     lbs  
Total phosphorus generated:                     lbs  
Total potassium generated:                     lbs  
Total salt generated:                     lbs

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

D. FRESH WATER SOURCES

| Source Description | Type         |
|--------------------|--------------|
| 14 Reservoir       | Ground water |
| IW 2               | Ground water |
| IW 5               | Ground water |
| IW 8               | Ground water |
| IW 9               | Ground water |

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| Source Description | Type          |
|--------------------|---------------|
| MID Canal          | Surface water |

**E. SUBSURFACE (TILE) DRAINAGE SOURCES***No subsurface (tile) drainage sources entered.***F. NUTRIENT IMPORTS**

| Date       | Material type / Description | Quantity     | Reporting basis | Moist. (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|------------|-----------------------------|--------------|-----------------|------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023 | Compost<br><i>Compost</i>   | 3,004.80 ton | Dry-weight      | 26.8       | 13,400.00 | 5,700.00  | 26,700.00 |              | 0.00    |

*No process wastewater nutrient imports entered.*

| Date       | Material type / Description                  | Quantity  | Reporting basis | Moisture (%) | N (%)     | P (%)    | K (%)    | Salt (%) |
|------------|--|-----------|-----------------|--------------|-----------|----------|----------|----------|
| 05/19/2023 | Solid commercial fertilizer<br><i>CAN 17</i> | 48.44 ton | As-is           | 0.1          | 17.000000 | 0.000000 | 0.000000 | 0.000000 |
| 05/23/2023 | Solid commercial fertilizer<br><i>8-8-8</i>  | 25.41 ton | As-is           | 0.1          | 8.000000  | 8.000000 | 8.000000 | 0.000000 |
| 07/23/2023 | Solid commercial fertilizer<br><i>CAN 17</i> | 60.67 ton | As-is           | 0.1          | 17.000000 | 0.000000 | 0.000000 | 0.000000 |

| Material type                   | Total N (lbs) | Total P (lbs) | Total K (lbs) | Total salt (lbs) |
|---------------------------------|---------------|---------------|---------------|------------------|
| Commercial fertilizer / Other   | 41,163.00     | 4,065.60      | 4,065.60      | 0.00             |
| Dry manure                      | 58,946.96     | 25,074.46     | 117,454.03    | 0.00             |
| Process wastewater              | 0.00          | 0.00          | 0.00          | 0.00             |
| Total imports for all materials | 100,109.96    | 29,140.06     | 121,519.63    | 0.00             |

**G. NUTRIENT EXPORTS**

| Date       | Material type | Quantity     | Reporting basis | Moisture (%) | Density (lbs/cu ft) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|------------|---------------|--------------|-----------------|--------------|---------------------|-----------|-----------|-----------|--------------|---------|
| 08/03/2023 | Corral solids | 4,384.00 ton | Dry-weight      | 25.7         |                     | 11,300.00 | 4,100.00  | 24,500.00 |              | 0.00    |

*No liquid nutrient exports entered.*

| Material type                   | Total N (lbs) | Total P (lbs) | Total K (lbs) | Total salt (lbs) |
|---------------------------------|---------------|---------------|---------------|------------------|
| Dry manure                      | 73,615.25     | 26,709.96     | 159,608.29    | 0.00             |
| Process wastewater              | 0.00          | 0.00          | 0.00          | 0.00             |
| Total exports for all materials | 73,615.25     | 26,709.96     | 159,608.29    | 0.00             |

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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                              |
|---|------------------|----------------|----------------|-----------------------|--|
| 1   | 79               | 79             | 1              | none                  | X021-X090-X005-XXXX                        |
| 10  | 41               | 41             | 1              | manure                | X021-X120-X002-XXXX                        |
| 11  | 21               | 21             | 1              | manure                | X021-X120-X002-XXXX                        |
| 12  | 30               | 30             | 1              | manure                | X021-X120-X002-XXXX                        |
| 13  | 63               | 63             | 1              | manure                | X021-X120-X002-XXXX                        |
| 14&15   | 76               | 76             | 1              | manure                | X021-X090-X002-XXXX                        |
| 2   | 57               | 57             | 1              | none                  | X021-X090-X005-XXXX                        |
| 3&4   | 34               | 34             | 1              | manure                | X021-X090-X005-XXXX                        |
| 5   | 19               | 19             | 1              | manure                | X021-X090-X005-XXXX                        |
| 6A  | 55               | 55             | 1              | manure                | X021-X090-X005-XXXX                        |
| 6B  | 27               | 27             | 1              | manure                | X021-X090-X005-XXXX                        |
| 7   | 27               | 27             | 1              | manure                | X021-X012-X006-XXXX                        |
| 8   | 11               | 11             | 1              | manure                | X021-X012-X006-XXXX                        |
| 9   | 35               | 35             | 1              | manure                | X021-X012-X008-XXXX<br>X021-X012-X009-XXXX |
| Totals for areas that were used for application     | 439              | 439            | 12             |                       |  |
| Totals for areas that were not used for application | 136              | 136            | 2              |                       |  |
| Land application area totals                        | 575              | 575            | 14             |                       |  |

B. CROPS AND HARVESTS

1

Field name: 1

02/01/2023: Almond, in shell

Crop: Almond, in shellAcres planted: 79Plant date: 02/01/2023

| Harvest date | Yield    | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|----------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 12/31/2023   | 0.10 ton | As-is           |                     | 0.1          | 0.00      | 0.00      | 0.00      |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 0.00              | 0.00               | 0.00               | 0.00               | 0.00            |

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10

Field name: 10

01/01/2001: Almond, in shell

Crop: Almond, in shell Acres planted: 41 Plant date: 01/01/2001

| Harvest date | Yield             | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|-------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 173.81 <i>ton</i> | As-is           |                     | 9.4          | 17,600.00 | 1,300.00  | 22,600.00 |              | 20.01   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.24              | 149.22             | 11.02              | 191.61             | 1,537.08        |

11

Field name: 11

01/01/2002: Almond, in shell

Crop: Almond, in shell Acres planted: 21 Plant date: 01/01/2002

| Harvest date | Yield            | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 92.25 <i>ton</i> | As-is           |                     | 9.4          | 17,600.00 | 1,300.00  | 22,600.00 |              | 20.01   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.39              | 154.63             | 11.42              | 198.56             | 1,592.77        |

12

Field name: 12

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12

01/01/1995: Almond, in shell

Crop: Almond, in shell Acres planted: 30 Plant date: 01/01/1995

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 132.59 ton | As-is           |                     | 9.8          | 18,000.00 | 1,700.00  | 23,100.00 |              | 15.51   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.42              | 159.11             | 15.03              | 204.19             | 1,236.62        |

13

Field name: 13

01/01/2003: Almond, in shell

Crop: Almond, in shell Acres planted: 63 Plant date: 01/01/2003

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 205.19 ton | As-is           |                     | 9.7          | 20,700.00 | 1,100.00  | 23,200.00 |              | 19.99   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 3.26              | 134.84             | 7.17               | 151.12             | 1,175.83        |

14&amp;15

Field name: 14&15

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14&amp;15

05/02/2019: Almond, in shell

Crop: Almond, in shell Acres planted: 76 Plant date: 05/02/2019

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 196.89 ton | As-is           |                     | 9.2          | 23,900.00 | 2,500.00  | 28,900.00 |              | 16.77   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 2.59              | 123.83             | 12.95              | 149.74             | 788.97          |

2

Field name: 2

02/01/2023: Almond, in shell

Crop: Almond, in shell Acres planted: 57 Plant date: 02/01/2023

| Harvest date | Yield    | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|----------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 12/31/2023   | 0.10 ton | As-is           |                     | 0.1          | 0.00      | 0.00      | 0.00      |              | 0.00    |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 0.00              | 0.00               | 0.00               | 0.00               | 0.00            |

3&amp;4

Field name: 3&4



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11/01/2011: Almond, in shell

Crop: Almond, in shell Acres planted: 34 Plant date: 11/01/2011

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 161.55 ton | As-is           |                     | 9.4          | 26,700.00 | 2,600.00  | 25,700.00 |              | 15.34   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.75              | 253.73             | 24.71              | 244.23             | 1,320.72        |

**5**Field name: 5

04/27/2019: Almond, in shell

Crop: Almond, in shell Acres planted: 19 Plant date: 04/27/2019

| Harvest date | Yield     | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|-----------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 69.99 ton | As-is           |                     | 9.2          | 23,900.00 | 2,500.00  | 28,900.00 |              | 16.77   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 3.68              | 176.08             | 18.42              | 212.92             | 1,121.84        |

**6A**Field name: 6A

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6A

01/01/2017: Almond, in shell

Crop: Almond, in shell Acres planted: 55 Plant date: 01/01/2017

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 260.28 ton | As-is           |                     | 9.3          | 25,300.00 | 3,600.00  | 36,700.00 |              | 14.64   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.73              | 239.46             | 34.07              | 347.36             | 1,256.77        |

6B

Field name: 6B

04/25/2019: Almond, in shell

Crop: Almond, in shell Acres planted: 27 Plant date: 04/25/2019

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 113.63 ton | As-is           |                     | 9.2          | 26,700.00 | 3,500.00  | 50,000.00 |              | 19.02   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 4.21              | 224.73             | 29.46              | 420.85             | 1,453.64        |

7

Field name: 7

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7

01/01/2014: Almond, in shell

Crop: Almond, in shell Acres planted: 27 Plant date: 01/01/2014

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 100.53 ton | As-is           |                     | 8.6          | 28,000.00 | 2,900.00  | 34,000.00 |              | 18.08   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 3.72              | 208.51             | 21.60              | 253.19             | 1,230.57        |

8

Field name: 8

01/01/2019: Almond, in shell

Crop: Almond, in shell Acres planted: 11 Plant date: 01/01/2019

| Harvest date | Yield     | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|-----------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 31.35 ton | As-is           |                     | 9.3          | 33,700.00 | 3,100.00  | 33,000.00 |              | 15.01   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 2.85              | 192.09             | 17.67              | 188.10             | 776.00          |

9

Field name: 9

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9

04/13/2018: Almond, in shell

Crop: Almond, in shell Acres planted: 35 Plant date: 04/13/2018

| Harvest date | Yield      | Reporting basis | Density (lbs/cu ft) | Moisture (%) | N (mg/kg) | P (mg/kg) | K (mg/kg) | Salt (mg/kg) | TFS (%) |
|--------------|------------|-----------------|---------------------|--------------|-----------|-----------|-----------|--------------|---------|
| 10/31/2023   | 136.43 ton | As-is           |                     | 8.3          | 29,900.00 | 2,500.00  | 33,900.00 |              | 19.87   |

|                              | Yield (tons/acre) | Total N (lbs/acre) | Total P (lbs/acre) | Total K (lbs/acre) | Salt (lbs/acre) |
|------------------------------|-------------------|--------------------|--------------------|--------------------|-----------------|
| Anticipated harvest content  | 4.00              | 152.80             | 16.80              | 146.40             | 0.00            |
| Total actual harvest content | 3.90              | 233.10             | 19.49              | 264.28             | 1,420.49        |

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

1 - 02/01/2023: Almond, in shell

Field name: 1

Crop: Almond, in shell

Plant date: 02/01/2023

| Application date         | Application method   | Precipitation 24 hours prior |              | Precipitation during application |              |                 | Precipitation 24 hours following |  |
|--------------------------|----------------------|------------------------------|--------------|----------------------------------|--------------|-----------------|----------------------------------|--|
| 04/03/2023               | 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                           |  |
| MID Canal                |                      | Surface water                | 6.93         | 0.00                             | 0.00         | 450.15          | 65,560,320.00 <i>gal</i>         |  |
| Application event totals |                      |                              | 6.93         | 0.00                             | 0.00         | 450.15          |                                  |  |
|                          |                      |                              |              |                                  |              |                 |                                  |  |
| 05/23/2023               | Sidedress            | No precipitation             |              | No precipitation                 |              |                 | No precipitation                 |  |
|                          |                      |                              |              |                                  |              |                 |                                  |  |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |  |
| 8-8-8                    |                      | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |  |
| Application event totals |                      |                              | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |  |
|                          |                      |                              |              |                                  |              |                 |                                  |  |
| 07/23/2023               | Sidedress            | No precipitation             |              | No precipitation                 |              |                 | No precipitation                 |  |
|                          |                      |                              |              |                                  |              |                 |                                  |  |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |  |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |  |
| Application event totals |                      |                              | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |  |

10 - 01/01/2001: Almond, in shell

Field name: 10

Crop: Almond, in shell

Plant date: 01/01/2001

| Application date | Application method    | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
|------------------|-----------------------|------------------------------|----------------------------------|----------------------------------|
| 11/01/2022       | Broadcast/incorporate | No precipitation             | No precipitation                 | No precipitation                 |

| Source description       | Material type | N (lbs/acre) | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre) | Amount            |
|--------------------------|---------------|--------------|--------------|--------------|-----------------|-------------------|
| Compost                  | Compost       | 115.02       | 48.93        | 229.18       | 0.00            | 240.39 <i>ton</i> |
| Application event totals |               | 115.02       | 48.93        | 229.18       | 0.00            |                   |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***10 - 01/01/2001: Almond, in shell**

| Application date         | Application method   | Precipitation 24 hours prior |              | Precipitation during application |              |                 | Precipitation 24 hours following |
|--------------------------|----------------------|------------------------------|--------------|----------------------------------|--------------|-----------------|----------------------------------|
| 04/07/2023               | 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                           |
| IW 5                     |                      | Ground water                 | 0.88         | 0.00                             | 0.00         | 305.25          | 4,309,500.00 <i>gal</i>          |
| Application event totals |                      |                              | 0.88         | 0.00                             | 0.00         | 305.25          |                                  |
| 05/05/2023               | Surface (irrigation) | Light rain                   |              | No precipitation                 |              |                 | No precipitation                 |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |
| IW 5                     |                      | Ground water                 | 1.31         | 0.00                             | 0.00         | 457.07          | 6,453,000.00 <i>gal</i>          |
| Application event totals |                      |                              | 1.31         | 0.00                             | 0.00         | 457.07          |                                  |
| 05/19/2023               | Sidedress            | No precipitation             |              | No precipitation                 |              |                 | No precipitation                 |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |
| Application event totals |                      |                              | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |
| 06/09/2023               | 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                           |
| IW 5                     |                      | Ground water                 | 2.16         | 0.00                             | 0.00         | 753.07          | 10,632,000.00 <i>gal</i>         |
| Application event totals |                      |                              | 2.16         | 0.00                             | 0.00         | 753.07          |                                  |
| 07/07/2023               | 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                           |
| IW 5                     |                      | Ground water                 | 1.87         | 0.00                             | 0.00         | 649.91          | 9,175,500.00 <i>gal</i>          |
| Application event totals |                      |                              | 1.87         | 0.00                             | 0.00         | 649.91          |                                  |
| 07/23/2023               | Sidedress            | No precipitation             |              | No precipitation                 |              |                 | No precipitation                 |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |
| Application event totals |                      |                              | 30.00        | 0.00                             | 0.00         | 0.00            |                                  |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***10 - 01/01/2001: Almond, in shell**

| Application date         | Application method   |  | Precipitation 24 hours prior | Precipitation during application |                  |              | Precipitation 24 hours following |                         |  |
|--------------------------|----------------------|--|------------------------------|----------------------------------|------------------|--------------|----------------------------------|-------------------------|--|
| 08/11/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 1.68                             | 0.00             | 0.00         | 583.93                           | 8,244,000.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 1.68                             | 0.00             | 0.00         | 583.93                           |                         |  |
| 09/08/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 1.60                             | 0.00             | 0.00         | 557.69                           | 7,873,500.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 1.60                             | 0.00             | 0.00         | 557.69                           |                         |  |
| 10/06/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 0.74                             | 0.00             | 0.00         | 258.18                           | 3,645,000.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 0.74                             | 0.00             | 0.00         | 258.18                           |                         |  |

**11 - 01/01/2002: Almond, in shell**

Field name: 11

Crop: Almond, in shell

Plant date: 01/01/2002

|                          |                       |                              |              |                                  |              |                                  |                         |
|--------------------------|-----------------------|------------------------------|--------------|----------------------------------|--------------|----------------------------------|-------------------------|
| Application date         | Application method    | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |                         |
| 11/01/2022               | Broadcast/incorporate | No precipitation             |              | No precipitation                 |              | No precipitation                 |                         |
| Source description       |                       | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| Compost                  |                       | Compost                      | 115.19       | 49.00                            | 229.53       | 0.00                             | 123.31 <i>ton</i>       |
| Application event totals |                       |                              | 115.19       | 49.00                            | 229.53       | 0.00                             |                         |
| 04/09/2023               | 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                  |
| IW 5                     |                       | Ground water                 | 0.89         | 0.00                             | 0.00         | 308.04                           | 2,227,500.00 <i>gal</i> |
| Application event totals |                       |                              | 0.89         | 0.00                             | 0.00         | 308.04                           |                         |

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| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |              |                 |                         |
|--------------------------|----------------------|------------------------------|----------------------------------|----------------------------------|--------------|-----------------|-------------------------|
| 05/07/2023               | 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                  |
| IW 5                     |                      | Ground water                 | 1.33                             | 0.00                             | 0.00         | 461.33          | 3,336,000.00 <i>gal</i> |
| Application event totals |                      |                              | 1.33                             | 0.00                             | 0.00         | 461.33          |                         |
| 05/19/2023               | Sidedress            | No precipitation             | No precipitation                 | No precipitation                 |              |                 |                         |
| Source description       |                      | Material type                | N (lbs/acre)                     | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                  |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00                            | 0.00                             | 0.00         | 0.00            |                         |
| Application event totals |                      |                              | 30.00                            | 0.00                             | 0.00         | 0.00            |                         |
| 06/11/2023               | 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                  |
| IW 5                     |                      | Ground water                 | 2.18                             | 0.00                             | 0.00         | 760.03          | 5,496,000.00 <i>gal</i> |
| Application event totals |                      |                              | 2.18                             | 0.00                             | 0.00         | 760.03          |                         |
| 07/09/2023               | 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                  |
| IW 5                     |                      | Ground water                 | 1.88                             | 0.00                             | 0.00         | 655.90          | 4,743,000.00 <i>gal</i> |
| Application event totals |                      |                              | 1.88                             | 0.00                             | 0.00         | 655.90          |                         |
| 07/23/2023               | Sidedress            | No precipitation             | No precipitation                 | No precipitation                 |              |                 |                         |
| Source description       |                      | Material type                | N (lbs/acre)                     | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                  |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00                            | 0.00                             | 0.00         | 0.00            |                         |
| Application event totals |                      |                              | 30.00                            | 0.00                             | 0.00         | 0.00            |                         |
| 08/13/2023               | 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                  |
| IW 5                     |                      | Ground water                 | 1.69                             | 0.00                             | 0.00         | 589.32          | 4,261,500.00 <i>gal</i> |
| Application event totals |                      |                              | 1.69                             | 0.00                             | 0.00         | 589.32          |                         |



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| Application date | Application method       |               | Precipitation 24 hours prior |              | Precipitation during application |                 | Precipitation 24 hours following |  |
|------------------|--------------------------|---------------|------------------------------|--------------|----------------------------------|-----------------|----------------------------------|--|
| 09/10/2023       | 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                           |  |
|                  | IW 5                     | Ground water  | 1.62                         | 0.00         | 0.00                             | 562.77          | 4,069,500.00 <i>gal</i>          |  |
|                  | Application event totals |               | 1.62                         | 0.00         | 0.00                             | 562.77          |                                  |  |
| 10/08/2023       | 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                           |  |
|                  | IW 5                     | Ground water  | 0.75                         | 0.00         | 0.00                             | 260.54          | 1,884,000.00 <i>gal</i>          |  |
|                  | Application event totals |               | 0.75                         | 0.00         | 0.00                             | 260.54          |                                  |  |

**12 - 01/01/1995: Almond, in shell**Field name: 12Crop: Almond, in shellPlant date: 01/01/1995

| Application date         | Application method    |               | Precipitation 24 hours prior |              | Precipitation during application |                 |                         | Precipitation 24 hours following |  |
|--------------------------|-----------------------|---------------|------------------------------|--------------|----------------------------------|-----------------|-------------------------|----------------------------------|--|
| 11/01/2022               | Broadcast/incorporate |               | No precipitation             |              | No precipitation                 |                 |                         | No precipitation                 |  |
| Source description       |                       | Material type | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |                                  |  |
| Compost                  |                       | Compost       | 111.67                       | 47.50        | 222.51                           | 0.00            | 170.77 <i>ton</i>       |                                  |  |
| Application event totals |                       |               | 111.67                       | 47.50        | 222.51                           | 0.00            |                         |                                  |  |
| 04/10/2023               | 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                  |                                  |  |
| IW 5                     |                       | Ground water  | 0.87                         | 0.00         | 0.00                             | 304.06          | 3,141,000.00 <i>gal</i> |                                  |  |
| Application event totals |                       |               | 0.87                         | 0.00         | 0.00                             | 304.06          |                         |                                  |  |
| 05/08/2023               | 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                  |                                  |  |
| IW 5                     |                       | Ground water  | 1.31                         | 0.00         | 0.00                             | 455.36          | 4,704,000.00 <i>gal</i> |                                  |  |
| Application event totals |                       |               | 1.31                         | 0.00         | 0.00                             | 455.36          |                         |                                  |  |

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12 - 01/01/1995: Almond, in shell

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 05/19/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 30.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 30.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| 06/12/2023               | 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                  |
| IW 5                     | Ground water                 | 2.16                         | 0.00                             | 0.00                             | 750.12          | 7,749,000.00 <i>gal</i> |
| Application event totals |                              | 2.16                         | 0.00                             | 0.00                             | 750.12          |                         |
| 07/10/2023               | 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                  |
| IW 5                     | Ground water                 | 1.86                         | 0.00                             | 0.00                             | 647.31          | 6,687,000.00 <i>gal</i> |
| Application event totals |                              | 1.86                         | 0.00                             | 0.00                             | 647.31          |                         |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 30.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 30.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| 08/14/2023               | 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                  |
| IW 5                     | Ground water                 | 1.67                         | 0.00                             | 0.00                             | 581.68          | 6,009,000.00 <i>gal</i> |
| Application event totals |                              | 1.67                         | 0.00                             | 0.00                             | 581.68          |                         |
| 09/11/2023               | 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                  |
| IW 5                     | Ground water                 | 1.60                         | 0.00                             | 0.00                             | 555.40          | 5,737,500.00 <i>gal</i> |
| Application event totals |                              | 1.60                         | 0.00                             | 0.00                             | 555.40          |                         |

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|                  |                      |                              |                                  |                                  |
|------------------|----------------------|------------------------------|----------------------------------|----------------------------------|
| Application date | Application method   | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
| 10/09/2023       | 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                  |
| IW 5                     | Ground water  | 0.74         | 0.00         | 0.00         | 257.15          | 2,656,500.00 <i>gal</i> |
| Application event totals |               | 0.74         | 0.00         | 0.00         | 257.15          |                         |

**13 - 01/01/2003: Almond, in shell**

Field name: 13

Crop: Almond, in shell

Plant date: 01/01/2003

| Application date         | Application method    |  | Precipitation 24 hours prior | Precipitation during application |              |              | Precipitation 24 hours following |                         |
|--------------------------|-----------------------|--|------------------------------|----------------------------------|--------------|--------------|----------------------------------|-------------------------|
| 11/03/2022               | Broadcast/incorporate |  | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                       |  | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| Compost                  |                       |  | Compost                      | 109.65                           | 46.64        | 218.48       | 0.00                             | 352.13 <i>ton</i>       |
| Application event totals |                       |  |                              | 109.65                           | 46.64        | 218.48       | 0.00                             |                         |
| 04/11/2023               | 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                  |
| IW 5                     |                       |  | Ground water                 | 0.88                             | 0.00         | 0.00         | 304.72                           | 6,610,500.00 <i>gal</i> |
| Application event totals |                       |  |                              | 0.88                             | 0.00         | 0.00         | 304.72                           |                         |
| 05/09/2023               | 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                  |
| IW 5                     |                       |  | Ground water                 | 1.31                             | 0.00         | 0.00         | 456.28                           | 9,898,500.00 <i>gal</i> |
| Application event totals |                       |  |                              | 1.31                             | 0.00         | 0.00         | 456.28                           |                         |
| 05/19/2023               | Sidedress             |  | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                       |  | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| CAN 17                   |                       |  | Liquid commercial fertilizer | 30.00                            | 0.00         | 0.00         | 0.00                             |                         |
| Application event totals |                       |  |                              | 30.00                            | 0.00         | 0.00         | 0.00                             |                         |

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| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                          |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|--------------------------|
| 06/13/2023               | 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                   |
| IW 5                     | Ground water                 | 2.16                         | 0.00                             | 0.00                             | 751.81          | 16,309,500.00 <i>gal</i> |
| Application event totals |                              | 2.16                         | 0.00                             | 0.00                             | 751.81          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 07/11/2023               | 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                   |
| IW 5                     | Ground water                 | 1.86                         | 0.00                             | 0.00                             | 648.78          | 14,074,500.00 <i>gal</i> |
| Application event totals |                              | 1.86                         | 0.00                             | 0.00                             | 648.78          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                   |
| CAN 17                   | Liquid commercial fertilizer | 30.00                        | 0.00                             | 0.00                             | 0.00            |                          |
| Application event totals |                              | 30.00                        | 0.00                             | 0.00                             | 0.00            |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 08/15/2023               | 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                   |
| IW 5                     | Ground water                 | 1.68                         | 0.00                             | 0.00                             | 582.96          | 12,646,500.00 <i>gal</i> |
| Application event totals |                              | 1.68                         | 0.00                             | 0.00                             | 582.96          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 09/12/2023               | 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                   |
| IW 5                     | Ground water                 | 1.60                         | 0.00                             | 0.00                             | 556.68          | 12,076,500.00 <i>gal</i> |
| Application event totals |                              | 1.60                         | 0.00                             | 0.00                             | 556.68          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 10/10/2023               | 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                   |
| IW 5                     | Ground water                 | 0.74                         | 0.00                             | 0.00                             | 257.70          | 5,590,500.00 <i>gal</i>  |
| Application event totals |                              | 0.74                         | 0.00                             | 0.00                             | 257.70          |                          |

**14&15 - 05/02/2019: Almond, in shell**

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

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

14&amp;15 - 05/02/2019: Almond, in shell

Field name: 14&amp;15

Crop: Almond, in shell

Plant date: 05/02/2019

| Application date         | Application method    | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |                          |
|--------------------------|-----------------------|------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------------------------|
| 11/07/2022               | Broadcast/incorporate | No precipitation             |              | Light rain                       |              | No precipitation                 |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| Source description       |                       | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                   |
| Compost                  |                       | Compost                      | 107.43       | 45.70                            | 214.05       | 0.00                             | 416.18 <i>ton</i>        |
| Application event totals |                       |                              | 107.43       | 45.70                            | 214.05       | 0.00                             |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| 04/05/2023               | 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                   |
| 14 Reservoir             |                       | Ground water                 | 0.99         | 0.00                             | 0.00         | 276.92                           | 9,007,200.00 <i>gal</i>  |
| Application event totals |                       |                              | 0.99         | 0.00                             | 0.00         | 276.92                           |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| 05/03/2023               | Surface (irrigation)  | No precipitation             |              | Light rain                       |              | No precipitation                 |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| Source description       |                       | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                   |
| 14 Reservoir             |                       | Ground water                 | 1.48         | 0.00                             | 0.00         | 414.80                           | 13,491,600.00 <i>gal</i> |
| Application event totals |                       |                              | 1.48         | 0.00                             | 0.00         | 414.80                           |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| 05/19/2023               | Sidedress             | No precipitation             |              | No precipitation                 |              | No precipitation                 |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| Source description       |                       | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                   |
| CAN 17                   |                       | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00                             |                          |
| Application event totals |                       |                              | 30.00        | 0.00                             | 0.00         | 0.00                             |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| 06/07/2023               | 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                   |
| 14 Reservoir             |                       | Ground water                 | 2.44         | 0.00                             | 0.00         | 683.42                           | 22,228,800.00 <i>gal</i> |
| Application event totals |                       |                              | 2.44         | 0.00                             | 0.00         | 683.42                           |                          |
|                          |                       |                              |              |                                  |              |                                  |                          |
| 07/05/2023               | 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                   |
| 14 Reservoir             |                       | Ground water                 | 2.11         | 0.00                             | 0.00         | 589.97                           | 19,189,200.00 <i>gal</i> |
| Application event totals |                       |                              | 2.11         | 0.00                             | 0.00         | 589.97                           |                          |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***14&15 - 05/02/2019: Almond, in shell**

| Application date         | Application method   |  | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |                          |
|--------------------------|----------------------|--|------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------------------------|
| 07/23/2023               | Sidedress            |  | No precipitation             |              | No precipitation                 |              | No precipitation                 |                          |
| Source description       |                      |  | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                   |
| CAN 17                   |                      |  | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00                             |                          |
| Application event totals |                      |  |                              | 30.00        | 0.00                             | 0.00         | 0.00                             |                          |
| 08/09/2023               | 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                   |
| 14 Reservoir             |                      |  | Ground water                 | 1.89         | 0.00                             | 0.00         | 529.76                           | 17,230,800.00 <i>gal</i> |
| Application event totals |                      |  |                              | 1.89         | 0.00                             | 0.00         | 529.76                           |                          |
| 09/06/2023               | 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                   |
| 14 Reservoir             |                      |  | Ground water                 | 1.81         | 0.00                             | 0.00         | 505.96                           | 16,456,800.00 <i>gal</i> |
| Application event totals |                      |  |                              | 1.81         | 0.00                             | 0.00         | 505.96                           |                          |
| 10/04/2023               | 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                   |
| 14 Reservoir             |                      |  | Ground water                 | 0.84         | 0.00                             | 0.00         | 234.20                           | 7,617,600.00 <i>gal</i>  |
| Application event totals |                      |  |                              | 0.84         | 0.00                             | 0.00         | 234.20                           |                          |

**2 - 02/01/2023: Almond, in shell**

Field name: 2

Crop: Almond, in shell

Plant date: 02/01/2023

| Application date | Application method   | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
|------------------|----------------------|------------------------------|----------------------------------|----------------------------------|
| 04/05/2023       | 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                   |
|--------------------------|---------------|--------------|--------------|--------------|-----------------|--------------------------|
| MID Canal                | Surface water | 7.01         | 0.00         | 0.00         | 455.83          | 47,900,160.00 <i>gal</i> |
| Application event totals |               | 7.01         | 0.00         | 0.00         | 455.83          |                          |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***2 - 02/01/2023: Almond, in shell**

| Application date         | Application method | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |        |
|--------------------------|--------------------|------------------------------|--------------|----------------------------------|--------------|----------------------------------|--------|
| 05/23/2023               | Sidedress          | No precipitation             |              | No precipitation                 |              | No precipitation                 |        |
| Source description       |                    | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount |
| 8-8-8                    |                    | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00                             |        |
| Application event totals |                    |                              | 30.00        | 0.00                             | 0.00         | 0.00                             |        |
| 07/23/2023               | Sidedress          | No precipitation             |              | No precipitation                 |              | No precipitation                 |        |
| Source description       |                    | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount |
| CAN 17                   |                    | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00                             |        |
| Application event totals |                    |                              | 30.00        | 0.00                             | 0.00         | 0.00                             |        |

**3&4 - 11/01/2011: Almond, in shell**Field name: 3&4Crop: Almond, in shellPlant date: 11/01/2011

| Application date         | Application method    |               | Precipitation 24 hours prior |              | Precipitation during application |                 |                         | Precipitation 24 hours following |  |
|--------------------------|-----------------------|---------------|------------------------------|--------------|----------------------------------|-----------------|-------------------------|----------------------------------|--|
| 11/06/2022               | Broadcast/incorporate |               | No precipitation             |              | No precipitation                 |                 |                         | Light rain                       |  |
| Source description       |                       | Material type | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |                                  |  |
| Compost                  |                       | Compost       | 175.52                       | 74.66        | 349.73                           | 0.00            | 304.20 <i>ton</i>       |                                  |  |
| Application event totals |                       |               | 175.52                       | 74.66        | 349.73                           | 0.00            |                         |                                  |  |
| 04/07/2023               | 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                  |                                  |  |
| MID Canal                |                       | Surface water | 0.87                         | 0.00         | 0.00                             | 56.81           | 3,561,062.00 <i>gal</i> |                                  |  |
| Application event totals |                       |               | 0.87                         | 0.00         | 0.00                             | 56.81           |                         |                                  |  |
| 05/05/2023               | Surface (irrigation)  |               | Light rain                   |              | No precipitation                 |                 |                         | No precipitation                 |  |
| Source description       |                       | Material type | N (lbs/acre)                 | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |                                  |  |
| MID Canal                |                       | Surface water | 1.31                         | 0.00         | 0.00                             | 85.06           | 5,331,917.00 <i>gal</i> |                                  |  |
| Application event totals |                       |               | 1.31                         | 0.00         | 0.00                             | 85.06           |                         |                                  |  |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***3&4 - 11/01/2011: Almond, in shell**

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 05/19/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| 06/09/2023               | 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                  |
| MID Canal                | Surface water                | 2.16                         | 0.00                             | 0.00                             | 140.19          | 8,787,341.00 <i>gal</i> |
| Application event totals |                              | 2.16                         | 0.00                             | 0.00                             | 140.19          |                         |
| 07/07/2023               | 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                  |
| MID Canal                | Surface water                | 1.86                         | 0.00                             | 0.00                             | 121.00          | 7,584,192.00 <i>gal</i> |
| Application event totals |                              | 1.86                         | 0.00                             | 0.00                             | 121.00          |                         |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| 08/11/2023               | 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                  |
| MID Canal                | Surface water                | 1.67                         | 0.00                             | 0.00                             | 108.71          | 6,814,080.00 <i>gal</i> |
| Application event totals |                              | 1.67                         | 0.00                             | 0.00                             | 108.71          |                         |
| 09/08/2023               | 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                  |
| MID Canal                | Surface water                | 1.60                         | 0.00                             | 0.00                             | 103.80          | 6,506,035.00 <i>gal</i> |
| Application event totals |                              | 1.60                         | 0.00                             | 0.00                             | 103.80          |                         |



**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***3&4 - 11/01/2011: Almond, in shell**

|                  |                      |                              |                                  |                                  |
|------------------|----------------------|------------------------------|----------------------------------|----------------------------------|
| Application date | Application method   | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
| 10/06/2023       | 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                  |
| MID Canal                | Surface water | 0.74         | 0.00         | 0.00         | 48.06           | 3,012,710.00 <i>gal</i> |
| Application event totals |               | 0.74         | 0.00         | 0.00         | 48.06           |                         |

**5 - 04/27/2019: Almond, in shell**

Field name: 5

Crop: Almond, in shell

Plant date: 04/27/2019

| Application date         | Application method    |                              | Precipitation 24 hours prior | Precipitation during application |                  |                 | Precipitation 24 hours following |  |
|--------------------------|-----------------------|------------------------------|------------------------------|----------------------------------|------------------|-----------------|----------------------------------|--|
| 11/06/2022               | Broadcast/incorporate |                              | No precipitation             | No precipitation                 |                  |                 | Light rain                       |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| Source description       |                       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre) | Amount                           |  |
| Compost                  |                       | Compost                      | 140.50                       | 59.77                            | 279.96           | 0.00            | 136.08 <i>ton</i>                |  |
| Application event totals |                       |                              | 140.50                       | 59.77                            | 279.96           | 0.00            |                                  |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| 04/03/2023               | 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                           |  |
| 14 Reservoir             |                       | Ground water                 | 0.88                         | 0.00                             | 0.00             | 245.71          | 1,998,000.00 <i>gal</i>          |  |
| Application event totals |                       |                              | 0.88                         | 0.00                             | 0.00             | 245.71          |                                  |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| 05/01/2023               | Surface (irrigation)  |                              | No precipitation             |                                  | No precipitation |                 | No precipitation                 |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| Source description       |                       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre) | Amount                           |  |
| 14 Reservoir             |                       | Ground water                 | 1.31                         | 0.00                             | 0.00             | 367.90          | 2,991,600.00 <i>gal</i>          |  |
| Application event totals |                       |                              | 1.31                         | 0.00                             | 0.00             | 367.90          |                                  |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| 05/19/2023               | Sidedress             |                              | No precipitation             |                                  | No precipitation |                 | No precipitation                 |  |
|                          |                       |                              |                              |                                  |                  |                 |                                  |  |
| Source description       |                       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)     | Salt (lbs/acre) | Amount                           |  |
| CAN 17                   |                       | Liquid commercial fertilizer | 30.00                        | 0.00                             | 0.00             | 0.00            |                                  |  |
| Application event totals |                       |                              | 30.00                        | 0.00                             | 0.00             | 0.00            |                                  |  |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***5 - 04/27/2019: Almond, in shell**

| Application date         | Application method   | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |                         |
|--------------------------|----------------------|------------------------------|--------------|----------------------------------|--------------|----------------------------------|-------------------------|
| 06/05/2023               | 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                  |
| 14 Reservoir             |                      | Ground water                 | 2.17         | 0.00                             | 0.00         | 606.38                           | 4,930,800.00 <i>gal</i> |
| Application event totals |                      |                              | 2.17         | 0.00                             | 0.00         | 606.38                           |                         |
| 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                  |
| 14 Reservoir             |                      | Ground water                 | 1.87         | 0.00                             | 0.00         | 523.30                           | 4,255,200.00 <i>gal</i> |
| Application event totals |                      |                              | 1.87         | 0.00                             | 0.00         | 523.30                           |                         |
| 07/23/2023               | Sidedress            | No precipitation             |              | No precipitation                 |              | No precipitation                 |                         |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| CAN 17                   |                      | Liquid commercial fertilizer | 30.00        | 0.00                             | 0.00         | 0.00                             |                         |
| Application event totals |                      |                              | 30.00        | 0.00                             | 0.00         | 0.00                             |                         |
| 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                  |
| 14 Reservoir             |                      | Ground water                 | 1.68         | 0.00                             | 0.00         | 470.17                           | 3,823,200.00 <i>gal</i> |
| Application event totals |                      |                              | 1.68         | 0.00                             | 0.00         | 470.17                           |                         |
| 09/04/2023               | 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                  |
| 14 Reservoir             |                      | Ground water                 | 1.60         | 0.00                             | 0.00         | 448.92                           | 3,650,400.00 <i>gal</i> |
| Application event totals |                      |                              | 1.60         | 0.00                             | 0.00         | 448.92                           |                         |
| 10/02/2023               | Surface (irrigation) | No precipitation             |              | No precipitation                 |              | No precipitation                 |                         |
| Source description       |                      | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| 14 Reservoir             |                      | Ground water                 | 0.74         | 0.00                             | 0.00         | 207.93                           | 1,690,800.00 <i>gal</i> |
| Application event totals |                      |                              | 0.74         | 0.00                             | 0.00         | 207.93                           |                         |

**6A - 01/01/2017: Almond, in shell**

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.*

6A - 01/01/2017: Almond, in shell

Field name: 6ACrop: Almond, in shellPlant date: 01/01/2017

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                          |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|--------------------------|
| 11/04/2022               | Broadcast/incorporate        | No precipitation             | No precipitation                 | No precipitation                 |                 |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                   |
| Compost                  | Compost                      | 168.76                       | 71.79                            | 336.26                           | 0.00            | 473.14 <i>ton</i>        |
| Application event totals |                              | 168.76                       | 71.79                            | 336.26                           | 0.00            |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 04/03/2023               | 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                   |
| IW 5                     | Ground water                 | 0.88                         | 0.00                             | 0.00                             | 306.27          | 5,800,500.00 <i>gal</i>  |
| Application event totals |                              | 0.88                         | 0.00                             | 0.00                             | 306.27          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 05/01/2023               | Surface (irrigation)         | No precipitation             | No precipitation                 | No precipitation                 |                 |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                   |
| IW 5                     | Ground water                 | 1.32                         | 0.00                             | 0.00                             | 458.50          | 8,683,500.00 <i>gal</i>  |
| Application event totals |                              | 1.32                         | 0.00                             | 0.00                             | 458.50          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 05/19/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                   |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                          |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 06/05/2023               | 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                   |
| IW 5                     | Ground water                 | 2.17                         | 0.00                             | 0.00                             | 755.66          | 14,311,500.00 <i>gal</i> |
| Application event totals |                              | 2.17                         | 0.00                             | 0.00                             | 755.66          |                          |
|                          |                              |                              |                                  |                                  |                 |                          |
| 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                   |
| IW 5                     | Ground water                 | 1.87                         | 0.00                             | 0.00                             | 652.23          | 12,352,500.00 <i>gal</i> |
| Application event totals |                              | 1.87                         | 0.00                             | 0.00                             | 652.23          |                          |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***6A - 01/01/2017: Almond, in shell**

| Application date         | Application method   |                              | Precipitation 24 hours prior | Precipitation during application |              |                 | Precipitation 24 hours following |
|--------------------------|----------------------|------------------------------|------------------------------|----------------------------------|--------------|-----------------|----------------------------------|
| 07/23/2023               | Sidedress            |                              | No precipitation             | No precipitation                 |              |                 | No precipitation                 |
|                          |                      |                              |                              |                                  |              |                 |                                  |
| Source description       |                      | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |
| CAN 17                   |                      | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00         | 0.00            |                                  |
| Application event totals |                      |                              | 50.00                        | 0.00                             | 0.00         | 0.00            |                                  |
|                          |                      |                              |                              |                                  |              |                 |                                  |
| 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                           |
| IW 5                     |                      | Ground water                 | 1.68                         | 0.00                             | 0.00         | 586.01          | 11,098,500.00 <i>gal</i>         |
| Application event totals |                      |                              | 1.68                         | 0.00                             | 0.00         | 586.01          |                                  |
|                          |                      |                              |                              |                                  |              |                 |                                  |
| 09/04/2023               | 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                           |
| IW 5                     |                      | Ground water                 | 1.61                         | 0.00                             | 0.00         | 559.48          | 10,596,000.00 <i>gal</i>         |
| Application event totals |                      |                              | 1.61                         | 0.00                             | 0.00         | 559.48          |                                  |
|                          |                      |                              |                              |                                  |              |                 |                                  |
| 10/02/2023               | Surface (irrigation) |                              | No precipitation             | No precipitation                 |              |                 | No precipitation                 |
|                          |                      |                              |                              |                                  |              |                 |                                  |
| Source description       |                      | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre) | Amount                           |
| IW 5                     |                      | Ground water                 | 0.74                         | 0.00                             | 0.00         | 259.07          | 4,906,500.00 <i>gal</i>          |
| Application event totals |                      |                              | 0.74                         | 0.00                             | 0.00         | 259.07          |                                  |

**6B - 04/25/2019: Almond, in shell**Field name: **6B**Crop: **Almond, in shell**Plant date: **04/25/2019**

| Application date | Application method    | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
|------------------|-----------------------|------------------------------|----------------------------------|----------------------------------|
| 11/04/2022       | Broadcast/incorporate | No precipitation             | No precipitation                 | No precipitation                 |

| Source description       | Material type | N (lbs/acre) | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre) | Amount            |
|--------------------------|---------------|--------------|--------------|--------------|-----------------|-------------------|
| Compost                  | Compost       | 161.06       | 68.51        | 320.92       | 0.00            | 221.67 <i>ton</i> |
| Application event totals |               | 161.06       | 68.51        | 320.92       | 0.00            |                   |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.*

6B - 04/25/2019: Almond, in shell

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 04/05/2023               | 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                  |
| IW 5                     | Ground water                 | 0.87                         | 0.00                             | 0.00                             | 301.54          | 2,803,500.00 <i>gal</i> |
| Application event totals |                              | 0.87                         | 0.00                             | 0.00                             | 301.54          |                         |
| 05/03/2023               | Surface (irrigation)         | No precipitation             | Light rain                       | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| IW 5                     | Ground water                 | 1.30                         | 0.00                             | 0.00                             | 451.42          | 4,197,000.00 <i>gal</i> |
| Application event totals |                              | 1.30                         | 0.00                             | 0.00                             | 451.42          |                         |
| 05/19/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| 06/07/2023               | 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                  |
| IW 5                     | Ground water                 | 2.14                         | 0.00                             | 0.00                             | 743.92          | 6,916,500.00 <i>gal</i> |
| Application event totals |                              | 2.14                         | 0.00                             | 0.00                             | 743.92          |                         |
| 07/05/2023               | 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                  |
| IW 5                     | Ground water                 | 1.84                         | 0.00                             | 0.00                             | 641.96          | 5,968,500.00 <i>gal</i> |
| Application event totals |                              | 1.84                         | 0.00                             | 0.00                             | 641.96          |                         |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***6B - 04/25/2019: Almond, in shell**

| Application date         | Application method   |  | Precipitation 24 hours prior | Precipitation during application |                  |              | Precipitation 24 hours following |                         |  |
|--------------------------|----------------------|--|------------------------------|----------------------------------|------------------|--------------|----------------------------------|-------------------------|--|
| 08/09/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 1.66                             | 0.00             | 0.00         | 576.78                           | 5,362,500.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 1.66                             | 0.00             | 0.00         | 576.78                           |                         |  |
| 09/06/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 1.58                             | 0.00             | 0.00         | 550.80                           | 5,121,000.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 1.58                             | 0.00             | 0.00         | 550.80                           |                         |  |
| 10/04/2023               | 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                  |  |
| IW 5                     |                      |  | Ground water                 | 0.73                             | 0.00             | 0.00         | 255.07                           | 2,371,500.00 <i>gal</i> |  |
| Application event totals |                      |  |                              | 0.73                             | 0.00             | 0.00         | 255.07                           |                         |  |

**7 - 01/01/2014: Almond, in shell**Field name: 7Crop: Almond, in shellPlant date: 01/01/2014

|                          |                       |                              |              |                                  |              |                                  |                         |
|--------------------------|-----------------------|------------------------------|--------------|----------------------------------|--------------|----------------------------------|-------------------------|
| Application date         | Application method    | Precipitation 24 hours prior |              | Precipitation during application |              | Precipitation 24 hours following |                         |
| 10/31/2022               | Broadcast/incorporate | No precipitation             |              | No precipitation                 |              | No precipitation                 |                         |
| Source description       |                       | Material type                | N (lbs/acre) | P (lbs/acre)                     | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| Compost                  |                       | Compost                      | 142.29       | 60.53                            | 283.52       | 0.00                             | 195.84 <i>ton</i>       |
| Application event totals |                       |                              | 142.29       | 60.53                            | 283.52       | 0.00                             |                         |
| 04/03/2023               | 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                  |
| IW 5                     |                       | Ground water                 | 0.87         | 0.00                             | 0.00         | 304.44                           | 2,830,500.00 <i>gal</i> |
| Application event totals |                       |                              | 0.87         | 0.00                             | 0.00         | 304.44                           |                         |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***7 - 01/01/2014: Almond, in shell**

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 05/01/2023               | Surface (irrigation)         | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| IW 5                     | Ground water                 | 1.52                         | 0.00                             | 0.00                             | 528.05          | 4,909,500.00 <i>gal</i> |
| Application event totals |                              | 1.52                         | 0.00                             | 0.00                             | 528.05          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 05/19/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 06/05/2023               | 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                  |
| IW 5                     | Ground water                 | 2.13                         | 0.00                             | 0.00                             | 740.37          | 6,883,500.00 <i>gal</i> |
| Application event totals |                              | 2.13                         | 0.00                             | 0.00                             | 740.37          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 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                  |
| IW 9                     | Ground water                 | 9.76                         | 0.00                             | 0.00                             | 588.14          | 6,099,120.00 <i>gal</i> |
| Application event totals |                              | 9.76                         | 0.00                             | 0.00                             | 588.14          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 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                  |
| IW 9                     | Ground water                 | 8.77                         | 0.00                             | 0.00                             | 528.43          | 5,479,920.00 <i>gal</i> |
| Application event totals |                              | 8.77                         | 0.00                             | 0.00                             | 528.43          |                         |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***7 - 01/01/2014: Almond, in shell**

| Application date         | Application method   |  | Precipitation 24 hours prior |  | Precipitation during application |              | Precipitation 24 hours following |                 |                         |
|--------------------------|----------------------|--|------------------------------|--|----------------------------------|--------------|----------------------------------|-----------------|-------------------------|
| 09/04/2023               | 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                  |
| IW 9                     |                      |  | Ground water                 |  | 8.38                             | 0.00         | 0.00                             | 504.55          | 5,232,240.00 <i>gal</i> |
| Application event totals |                      |  |                              |  | 8.38                             | 0.00         | 0.00                             | 504.55          |                         |
| 10/02/2023               | Surface (irrigation) |  | No precipitation             |  | No precipitation                 |              | No precipitation                 |                 |                         |
| Source description       |                      |  | Material type                |  | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| IW 5                     |                      |  | Ground water                 |  | 0.84                             | 0.00         | 0.00                             | 293.47          | 2,728,500.00 <i>gal</i> |
| Application event totals |                      |  |                              |  | 0.84                             | 0.00         | 0.00                             | 293.47          |                         |

**8 - 01/01/2019: Almond, in shell**Field name: 8Crop: Almond, in shellPlant date: 01/01/2019

| Application date         | Application method    | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|-----------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 10/31/2022               | Broadcast/incorporate | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
|                          |                       |                              |                                  |                                  |                 |                         |
| Source description       | Material type         | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| Compost                  | Compost               | 133.35                       | 56.72                            | 265.70                           | 0.00            | 74.77 <i>ton</i>        |
| Application event totals |                       | 133.35                       | 56.72                            | 265.70                           | 0.00            |                         |
|                          |                       |                              |                                  |                                  |                 |                         |
| 04/04/2023               | 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                  |
| IW 5                     | Ground water          | 1.03                         | 0.00                             | 0.00                             | 359.18          | 1,360,500.00 <i>gal</i> |
| Application event totals |                       | 1.03                         | 0.00                             | 0.00                             | 359.18          |                         |
|                          |                       |                              |                                  |                                  |                 |                         |
| 05/03/2023               | Surface (irrigation)  | No precipitation             | Light rain                       | Light rain                       |                 |                         |
|                          |                       |                              |                                  |                                  |                 |                         |
| Source description       | Material type         | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| IW 5                     | Ground water          | 1.32                         | 0.00                             | 0.00                             | 458.18          | 1,735,500.00 <i>gal</i> |
| Application event totals |                       | 1.32                         | 0.00                             | 0.00                             | 458.18          |                         |



**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***8 - 01/01/2019: Almond, in shell**

| Application date         | Application method   | Precipitation 24 hours prior | Precipitation during application |              |              | Precipitation 24 hours following |                         |
|--------------------------|----------------------|------------------------------|----------------------------------|--------------|--------------|----------------------------------|-------------------------|
| 05/19/2023               | Sidedress            | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                      | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| CAN 17                   |                      | Liquid commercial fertilizer | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |
| Application event totals |                      |                              | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |
| 06/07/2023               | 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                  |
| IW 5                     |                      | Ground water                 | 1.98                             | 0.00         | 0.00         | 687.87                           | 2,605,500.00 <i>gal</i> |
| Application event totals |                      |                              | 1.98                             | 0.00         | 0.00         | 687.87                           |                         |
| 07/05/2023               | 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                  |
| IW 9                     |                      | Ground water                 | 9.11                             | 0.00         | 0.00         | 548.47                           | 2,317,200.00 <i>gal</i> |
| Application event totals |                      |                              | 9.11                             | 0.00         | 0.00         | 548.47                           |                         |
| 07/23/2023               | Sidedress            | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                      | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| CAN 17                   |                      | Liquid commercial fertilizer | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |
| Application event totals |                      |                              | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |
| 08/09/2023               | 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                  |
| IW 9                     |                      | Ground water                 | 8.18                             | 0.00         | 0.00         | 492.80                           | 2,082,000.00 <i>gal</i> |
| Application event totals |                      |                              | 8.18                             | 0.00         | 0.00         | 492.80                           |                         |
| 09/06/2023               | 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                  |
| IW 9                     |                      | Ground water                 | 7.81                             | 0.00         | 0.00         | 470.36                           | 1,987,200.00 <i>gal</i> |
| Application event totals |                      |                              | 7.81                             | 0.00         | 0.00         | 470.36                           |                         |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***8 - 01/01/2019: Almond, in shell**

|                  |                      |                              |                                  |                                  |
|------------------|----------------------|------------------------------|----------------------------------|----------------------------------|
| Application date | Application method   | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |
| 10/03/2023       | 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                  |
| IW 5                     | Ground water  | 0.87         | 0.00         | 0.00         | 303.74          | 1,150,500.00 <i>gal</i> |
| Application event totals |               | 0.87         | 0.00         | 0.00         | 303.74          |                         |

**9 - 04/13/2018: Almond, in shell**

Field name: 9

Crop: Almond, in shell

Plant date: 04/13/2018

| Application date         | Application method    |  | Precipitation 24 hours prior | Precipitation during application |              |              | Precipitation 24 hours following |                         |
|--------------------------|-----------------------|--|------------------------------|----------------------------------|--------------|--------------|----------------------------------|-------------------------|
| 10/31/2022               | Broadcast/incorporate |  | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                       |  | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| Compost                  |                       |  | Compost                      | 166.09                           | 70.65        | 330.94       | 0.00                             | 296.32 <i>ton</i>       |
| Application event totals |                       |  |                              | 166.09                           | 70.65        | 330.94       | 0.00                             |                         |
| 04/06/2023               | 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                  |
| IW 5                     |                       |  | Ground water                 | 0.88                             | 0.00         | 0.00         | 306.30                           | 3,691,500.00 <i>gal</i> |
| Application event totals |                       |  |                              | 0.88                             | 0.00         | 0.00         | 306.30                           |                         |
| 05/04/2023               | Surface (irrigation)  |  | Light rain                   | Light rain                       |              |              | No precipitation                 |                         |
| Source description       |                       |  | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| IW 5                     |                       |  | Ground water                 | 1.32                             | 0.00         | 0.00         | 458.51                           | 5,526,000.00 <i>gal</i> |
| Application event totals |                       |  |                              | 1.32                             | 0.00         | 0.00         | 458.51                           |                         |
| 05/19/2023               | Sidedress             |  | No precipitation             | No precipitation                 |              |              | No precipitation                 |                         |
| Source description       |                       |  | Material type                | N (lbs/acre)                     | P (lbs/acre) | K (lbs/acre) | Salt (lbs/acre)                  | Amount                  |
| CAN 17                   |                       |  | Liquid commercial fertilizer | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |
| Application event totals |                       |  |                              | 50.00                            | 0.00         | 0.00         | 0.00                             |                         |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***9 - 04/13/2018: Almond, in shell**

| Application date         | Application method           | Precipitation 24 hours prior | Precipitation during application | Precipitation 24 hours following |                 |                         |
|--------------------------|------------------------------|------------------------------|----------------------------------|----------------------------------|-----------------|-------------------------|
| 06/08/2023               | 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                  |
| IW 5                     | Ground water                 | 2.17                         | 0.00                             | 0.00                             | 755.59          | 9,106,500.00 <i>gal</i> |
| Application event totals |                              | 2.17                         | 0.00                             | 0.00                             | 755.59          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 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                  |
| IW 5                     | Ground water                 | 1.87                         | 0.00                             | 0.00                             | 652.17          | 7,860,000.00 <i>gal</i> |
| Application event totals |                              | 1.87                         | 0.00                             | 0.00                             | 652.17          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 07/23/2023               | Sidedress                    | No precipitation             | No precipitation                 | No precipitation                 |                 |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| Source description       | Material type                | N (lbs/acre)                 | P (lbs/acre)                     | K (lbs/acre)                     | Salt (lbs/acre) | Amount                  |
| CAN 17                   | Liquid commercial fertilizer | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
| Application event totals |                              | 50.00                        | 0.00                             | 0.00                             | 0.00            |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 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                  |
| IW 5                     | Ground water                 | 1.68                         | 0.00                             | 0.00                             | 585.96          | 7,062,000.00 <i>gal</i> |
| Application event totals |                              | 1.68                         | 0.00                             | 0.00                             | 585.96          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 09/07/2023               | 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                  |
| IW 5                     | Ground water                 | 1.61                         | 0.00                             | 0.00                             | 559.45          | 6,742,500.00 <i>gal</i> |
| Application event totals |                              | 1.61                         | 0.00                             | 0.00                             | 559.45          |                         |
|                          |                              |                              |                                  |                                  |                 |                         |
| 10/05/2023               | 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                  |
| IW 5                     | Ground water                 | 0.74                         | 0.00                             | 0.00                             | 259.00          | 3,121,500.00 <i>gal</i> |
| Application event totals |                              | 0.74                         | 0.00                             | 0.00                             | 259.00          |                         |

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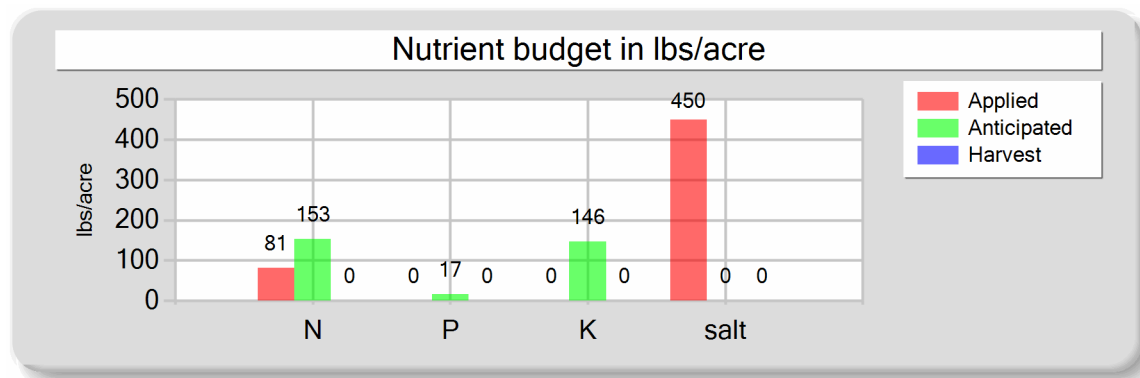
**B. NUTRIENT BUDGET**

1 - 02/01/2023: Almond, in shell

Field name: 1

Crop: Almond, in shell

Plant date: 02/01/2023



|                                   | 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                  | 65,560,320.00 <i>gallons</i> |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 2,414.36 <i>acre-inches</i>  |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 30.56 <i>inches/acre</i>     |
| Dry manure                        | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
| Fresh water                       | 6.93               | 0.00               | 0.00               | 450.15                |                              |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                              |
| Total nutrients applied           | 80.93              | 0.00               | 0.00               | 450.15                |                              |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                              |
| Actual crop nutrient removal      | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
| Nutrient balance                  | 80.93              | 0.00               | 0.00               | 450.15                |                              |
| Applied to removed ratio          | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
|                                   |                    |                    |                    |                       | Process wastewater applied   |
|                                   |                    |                    |                    |                       | 0.00 <i>gallons</i>          |
|                                   |                    |                    |                    |                       | 0.00 <i>acre-inches</i>      |
|                                   |                    |                    |                    |                       | 0.00 <i>inches/acre</i>      |
|                                   |                    |                    |                    |                       | Total harvests for the crop  |
|                                   |                    |                    |                    |                       | 1 <i>harvests</i>            |

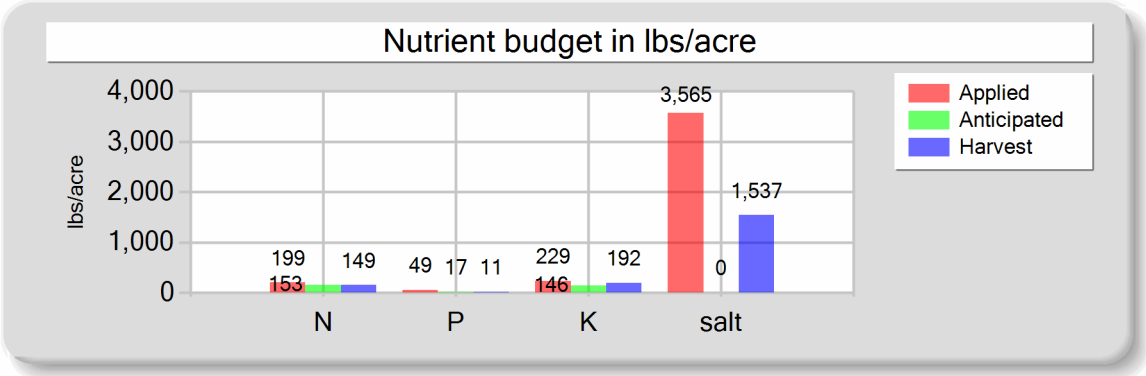
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Reporting period 01/01/2023 to 12/31/2023.

10 - 01/01/2001: Almond, in shell

Field name: 10

Crop: Almond, in shell

Plant date: 01/01/2001



|                                   | 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                  | 50,332,500.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,853.57 acre-inches  |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 45.21 inches/acre     |
| Dry manure                        | 115.02             | 48.93              | 229.18             | 0.00                  |                       |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                       |
| Fresh water                       | 10.24              | 0.00               | 0.00               | 3,565.09              |                       |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                       |
| Total nutrients applied           | 199.27             | 48.93              | 229.18             | 3,565.09              |                       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                       |
| Actual crop nutrient removal      | 149.22             | 11.02              | 191.61             | 1,537.08              |                       |
| Nutrient balance                  | 50.04              | 37.90              | 37.57              | 2,028.01              |                       |
| Applied to removed ratio          | 1.34               | 4.44               | 1.20               | 2.32                  |                       |

Process wastewater applied

0.00 gallons  
0.00 acre-inches  
0.00 inches/acre

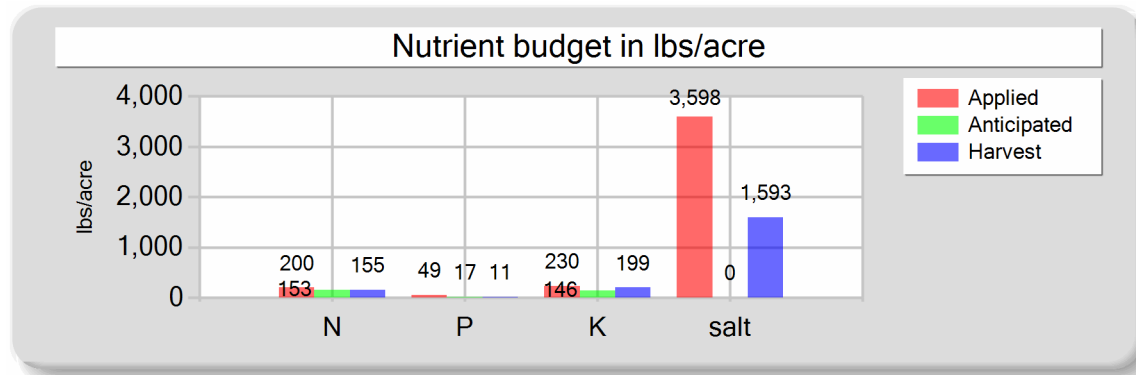
Total harvests for the crop

1 harvests

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

11 - 01/01/2002: Almond, in shell

Field name: 11Crop: Almond, in shellPlant date: 01/01/2002

|                                   | 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     | 60.00              | 0.00               | 0.00               | 0.00                  |
| Dry manure                        | 115.19             | 49.00              | 229.53             | 0.00                  |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |
| Fresh water                       | 10.34              | 0.00               | 0.00               | 3,597.92              |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |
| Total nutrients applied           | 199.53             | 49.00              | 229.53             | 3,597.92              |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |
| Actual crop nutrient removal      | 154.63             | 11.42              | 198.56             | 1,592.77              |
| Nutrient balance                  | 44.90              | 37.58              | 30.97              | 2,005.16              |
| Applied to removed ratio          | 1.29               | 4.29               | 1.16               | 2.26                  |

| Fresh water applied          |
|------------------------------|
| 26,017,500.00 <i>gallons</i> |
| 958.14 <i>acre-inches</i>    |
| 45.63 <i>inches/acre</i>     |

| Process wastewater applied |
|----------------------------|
| 0.00 <i>gallons</i>        |
| 0.00 <i>acre-inches</i>    |
| 0.00 <i>inches/acre</i>    |

| Total harvests for the crop |
|-----------------------------|
| 1 <i>harvests</i>           |

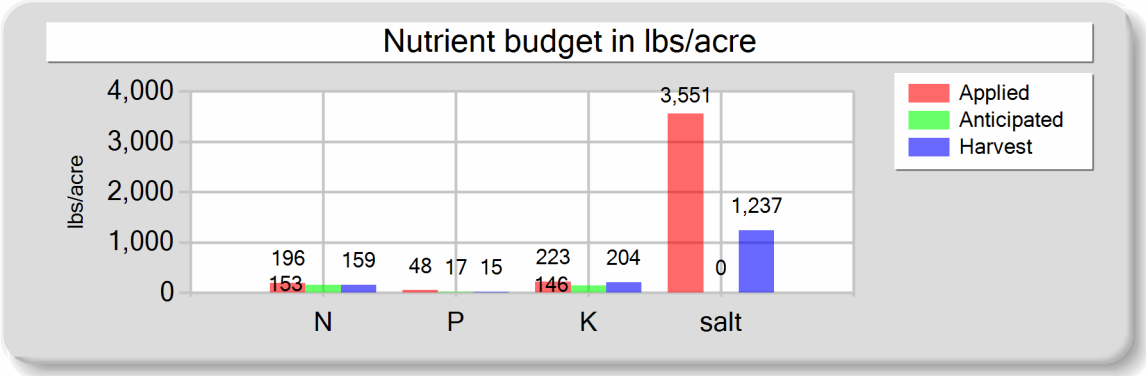
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Reporting period 01/01/2023 to 12/31/2023.

12 - 01/01/1995: Almond, in shell

Field name: 12

Crop: Almond, in shell

Plant date: 01/01/1995



|                                   | 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                  | 36,684,000.00 <i>gallons</i> |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,350.95 <i>acre-inches</i>  |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 45.03 <i>inches/acre</i>     |
| Dry manure                        | 111.67             | 47.50              | 222.51             | 0.00                  |                              |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
| Fresh water                       | 10.20              | 0.00               | 0.00               | 3,551.08              |                              |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                              |
| Total nutrients applied           | 195.87             | 47.50              | 222.51             | 3,551.08              |                              |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                              |
| Actual crop nutrient removal      | 159.11             | 15.03              | 204.19             | 1,236.62              |                              |
| Nutrient balance                  | 36.77              | 32.47              | 18.32              | 2,314.46              |                              |
| Applied to removed ratio          | 1.23               | 3.16               | 1.09               | 2.87                  |                              |

Process wastewater applied

0.00 *gallons*  
0.00 *acre-inches*  
0.00 *inches/acre*

Total harvests for the crop

1 *harvests*

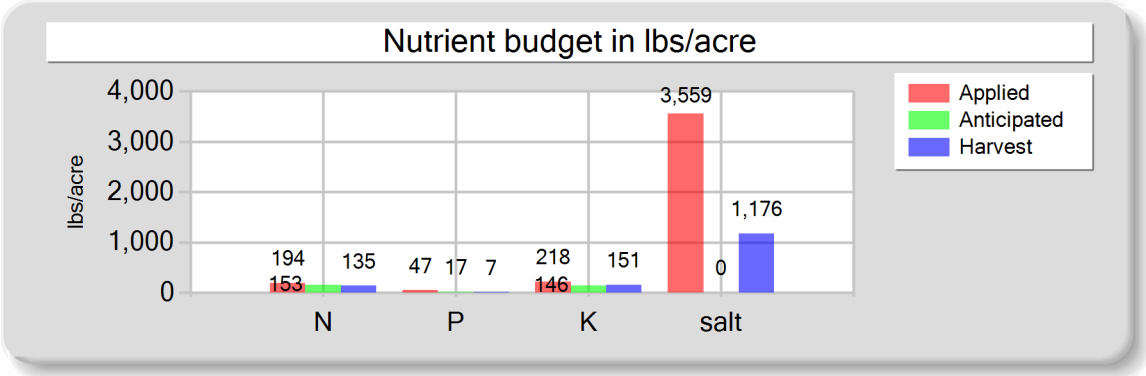
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13 - 01/01/2003: Almond, in shell

Field name: 13

Crop: Almond, in shell

Plant date: 01/01/2003



|                                   | 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                  | 77,206,500.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 2,843.25 acre-inches  |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 45.13 inches/acre     |
| Dry manure                        | 109.65             | 46.64              | 218.48             | 0.00                  |                       |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                       |
| Fresh water                       | 10.23              | 0.00               | 0.00               | 3,558.93              |                       |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                       |
| Total nutrients applied           | 193.88             | 46.64              | 218.48             | 3,558.93              |                       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                       |
| Actual crop nutrient removal      | 134.84             | 7.17               | 151.12             | 1,175.83              |                       |
| Nutrient balance                  | 59.04              | 39.48              | 67.36              | 2,383.09              |                       |
| Applied to removed ratio          | 1.44               | 6.51               | 1.45               | 3.03                  |                       |

Process wastewater applied

0.00 gallons

0.00 acre-inches

0.00 inches/acre

Total harvests for the crop

1 harvests



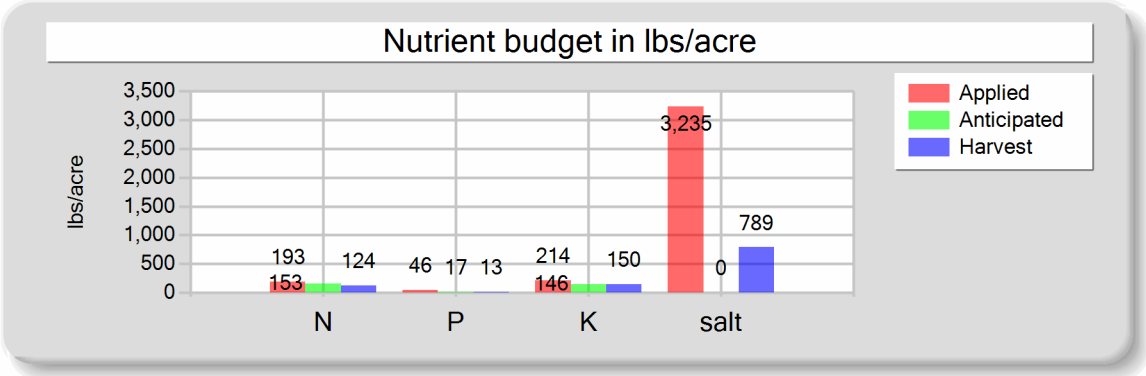
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14&15 - 05/02/2019: Almond, in shell

Field name: 14&15

Crop: Almond, in shell

Plant date: 05/02/2019



|                                   | 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                  | 105,222,000.00 <i>gallons</i> |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 3,874.97 <i>acre-inches</i>   |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 50.99 <i>inches/acre</i>      |
| Dry manure                        | 107.43             | 45.70              | 214.05             | 0.00                  |                               |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                               |
| Fresh water                       | 11.55              | 0.00               | 0.00               | 3,235.02              |                               |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                               |
| Total nutrients applied           | 192.98             | 45.70              | 214.05             | 3,235.02              |                               |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                               |
| Actual crop nutrient removal      | 123.83             | 12.95              | 149.74             | 788.97                |                               |
| Nutrient balance                  | 69.15              | 32.74              | 64.31              | 2,446.06              |                               |
| Applied to removed ratio          | 1.56               | 3.53               | 1.43               | 4.10                  |                               |

Process wastewater applied

0.00 *gallons*  
0.00 *acre-inches*  
0.00 *inches/acre*

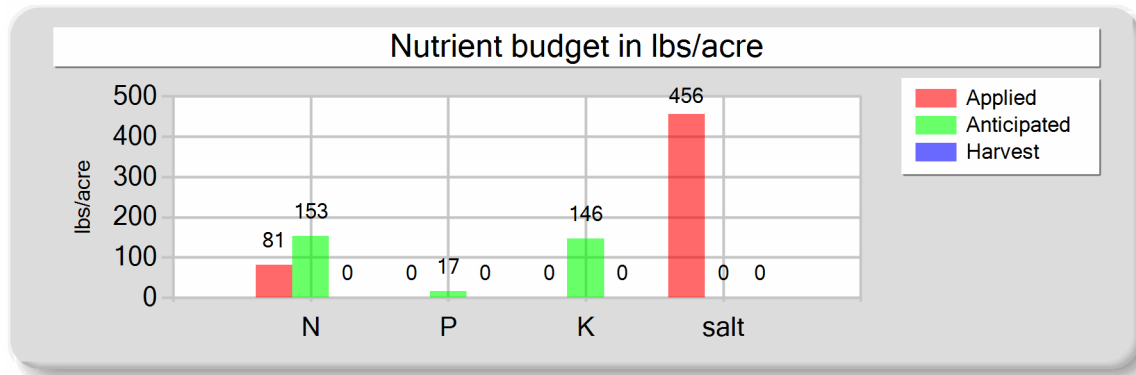
Total harvests for the crop

1 *harvests*

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2 - 02/01/2023: Almond, in shell

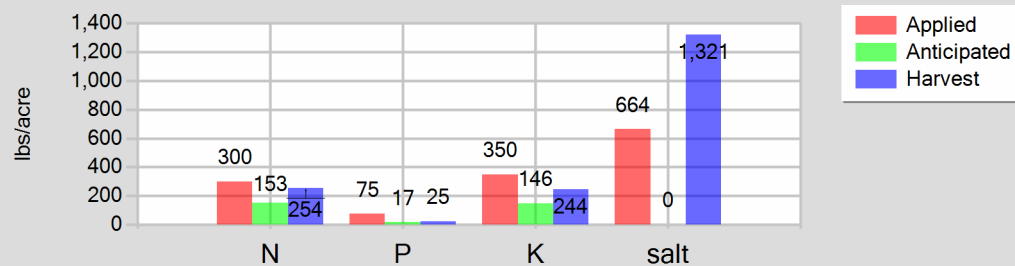
Field name: 2Crop: Almond, in shellPlant date: 02/01/2023

|                                   | 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                  | 47,900,160.00 <i>gallons</i>       |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,764.00 <i>acre-inches</i>        |
| Commercial fertilizer / Other     | 60.00              | 0.00               | 0.00               | 0.00                  | 30.95 <i>inches/acre</i>           |
| Dry manure                        | 0.00               | 0.00               | 0.00               | 0.00                  |                                    |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                                    |
| Fresh water                       | 7.01               | 0.00               | 0.00               | 455.83                |                                    |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                                    |
| Total nutrients applied           | 81.01              | 0.00               | 0.00               | 455.83                |                                    |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                                    |
| Actual crop nutrient removal      | 0.00               | 0.00               | 0.00               | 0.00                  |                                    |
| Nutrient balance                  | 81.01              | 0.00               | 0.00               | 455.83                |                                    |
| Applied to removed ratio          | 0.00               | 0.00               | 0.00               | 0.00                  |                                    |
|                                   |                    |                    |                    |                       | <b>Process wastewater applied</b>  |
|                                   |                    |                    |                    |                       | 0.00 <i>gallons</i>                |
|                                   |                    |                    |                    |                       | 0.00 <i>acre-inches</i>            |
|                                   |                    |                    |                    |                       | 0.00 <i>inches/acre</i>            |
|                                   |                    |                    |                    |                       | <b>Total harvests for the crop</b> |
|                                   |                    |                    |                    |                       | 1 <i>harvests</i>                  |

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

3&amp;4 - 11/01/2011: Almond, in shell

Field name: 3&4Crop: Almond, in shellPlant date: 11/01/2011**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     | 100.00             | 0.00               | 0.00               | 0.00                  |
| Dry manure                        | 175.52             | 74.66              | 349.73             | 0.00                  |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |
| Fresh water                       | 10.21              | 0.00               | 0.00               | 663.63                |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |
| Total nutrients applied           | 299.73             | 74.66              | 349.73             | 663.63                |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |
| Actual crop nutrient removal      | 253.73             | 24.71              | 244.23             | 1,320.72              |
| Nutrient balance                  | 46.00              | 49.95              | 105.50             | -657.09               |
| Applied to removed ratio          | 1.18               | 3.02               | 1.43               | 0.50                  |

| Fresh water applied          |
|------------------------------|
| 41,597,337.00 <i>gallons</i> |
| 1,531.89 <i>acre-inches</i>  |
| 45.06 <i>inches/acre</i>     |

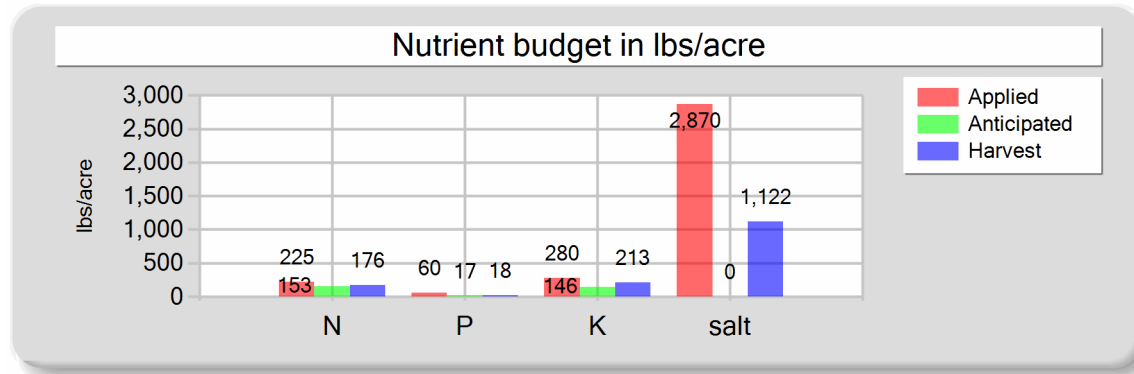
| Process wastewater applied |
|----------------------------|
| 0.00 <i>gallons</i>        |
| 0.00 <i>acre-inches</i>    |
| 0.00 <i>inches/acre</i>    |

| Total harvests for the crop |
|-----------------------------|
| 1 <i>harvests</i>           |

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5 - 04/27/2019: Almond, in shell

Field name: 5Crop: Almond, in shellPlant date: 04/27/2019

|                                   | 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     | 60.00              | 0.00               | 0.00               | 0.00                  |
| Dry manure                        | 140.50             | 59.77              | 279.96             | 0.00                  |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |
| Fresh water                       | 10.25              | 0.00               | 0.00               | 2,870.33              |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |
| <b>Total nutrients applied</b>    | <b>224.75</b>      | <b>59.77</b>       | <b>279.96</b>      | <b>2,870.33</b>       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |
| Actual crop nutrient removal      | 176.08             | 18.42              | 212.92             | 1,121.84              |
| <b>Nutrient balance</b>           | <b>48.67</b>       | <b>41.35</b>       | <b>67.04</b>       | <b>1,748.49</b>       |
| Applied to removed ratio          | 1.28               | 3.24               | 1.31               | 2.56                  |

| Fresh water applied          |
|------------------------------|
| 23,340,000.00 <i>gallons</i> |
| 859.53 <i>acre-inches</i>    |
| 45.24 <i>inches/acre</i>     |

| Process wastewater applied |
|----------------------------|
| 0.00 <i>gallons</i>        |
| 0.00 <i>acre-inches</i>    |
| 0.00 <i>inches/acre</i>    |

| Total harvests for the crop |
|-----------------------------|
| 1 <i>harvests</i>           |

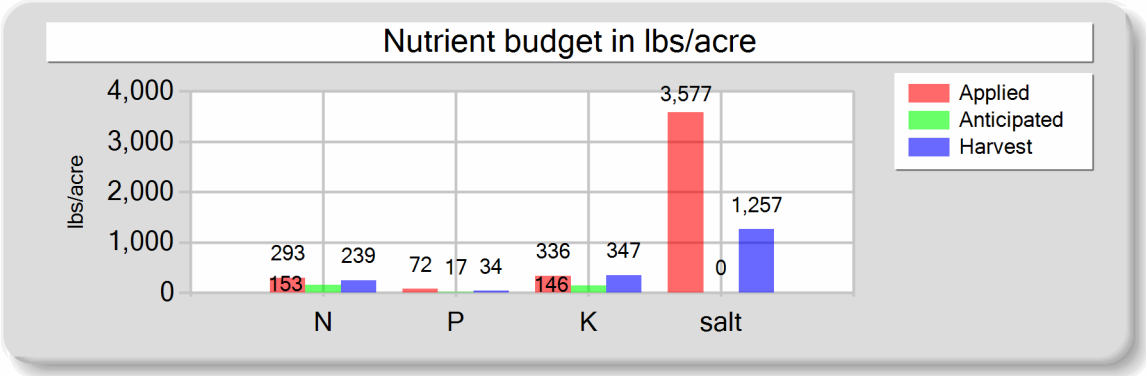
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Reporting period 01/01/2023 to 12/31/2023.

6A - 01/01/2017: Almond, in shell

Field name: 6A

Crop: Almond, in shell

Plant date: 01/01/2017



|                                   | 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                  | 67,749,000.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 2,494.97 acre-inches  |
| Commercial fertilizer / Other     | 100.00             | 0.00               | 0.00               | 0.00                  | 45.36 inches/acre     |
| Dry manure                        | 168.76             | 71.79              | 336.26             | 0.00                  |                       |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                       |
| Fresh water                       | 10.28              | 0.00               | 0.00               | 3,577.22              |                       |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                       |
| Total nutrients applied           | 293.04             | 71.79              | 336.26             | 3,577.22              |                       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                       |
| Actual crop nutrient removal      | 239.46             | 34.07              | 347.36             | 1,256.77              |                       |
| Nutrient balance                  | 53.58              | 37.71              | -11.09             | 2,320.45              |                       |
| Applied to removed ratio          | 1.22               | 2.11               | 0.97               | 2.85                  |                       |

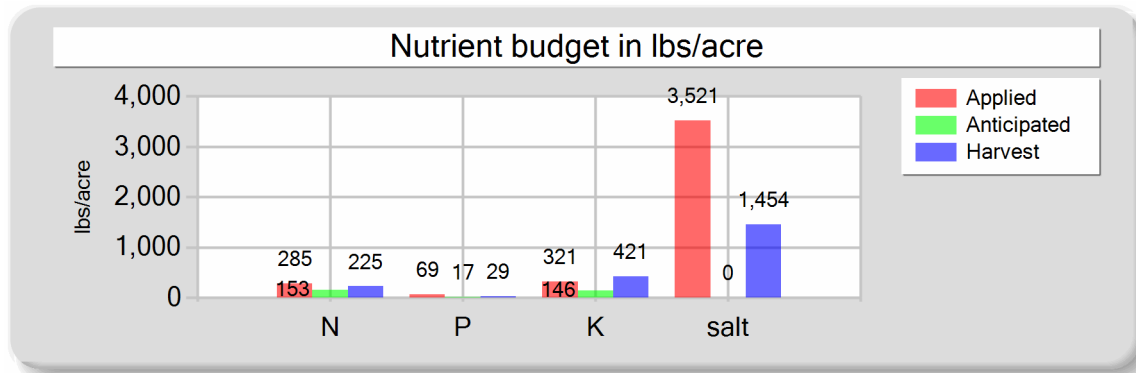
| Process wastewater applied |
|----------------------------|
| 0.00 gallons               |
| 0.00 acre-inches           |
| 0.00 inches/acre           |

| Total harvests for the crop |
|-----------------------------|
| 1 harvests                  |

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6B - 04/25/2019: Almond, in shell

Field name: 6BCrop: Almond, in shellPlant date: 04/25/2019

|                                   | 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                  | 32,740,500.00 <i>gallons</i>       |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,205.72 <i>acre-inches</i>        |
| Commercial fertilizer / Other     | 100.00             | 0.00               | 0.00               | 0.00                  | 44.66 <i>inches/acre</i>           |
| Dry manure                        | 161.06             | 68.51              | 320.92             | 0.00                  |                                    |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                                    |
| Fresh water                       | 10.12              | 0.00               | 0.00               | 3,521.50              |                                    |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                                    |
| Total nutrients applied           | 285.18             | 68.51              | 320.92             | 3,521.50              |                                    |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                                    |
| Actual crop nutrient removal      | 224.73             | 29.46              | 420.85             | 1,453.64              |                                    |
| Nutrient balance                  | 60.44              | 39.05              | -99.93             | 2,067.86              |                                    |
| Applied to removed ratio          | 1.27               | 2.33               | 0.76               | 2.42                  |                                    |
|                                   |                    |                    |                    |                       | <b>Process wastewater applied</b>  |
|                                   |                    |                    |                    |                       | 0.00 <i>gallons</i>                |
|                                   |                    |                    |                    |                       | 0.00 <i>acre-inches</i>            |
|                                   |                    |                    |                    |                       | 0.00 <i>inches/acre</i>            |
|                                   |                    |                    |                    |                       | <b>Total harvests for the crop</b> |
|                                   |                    |                    |                    |                       | 1 <i>harvests</i>                  |

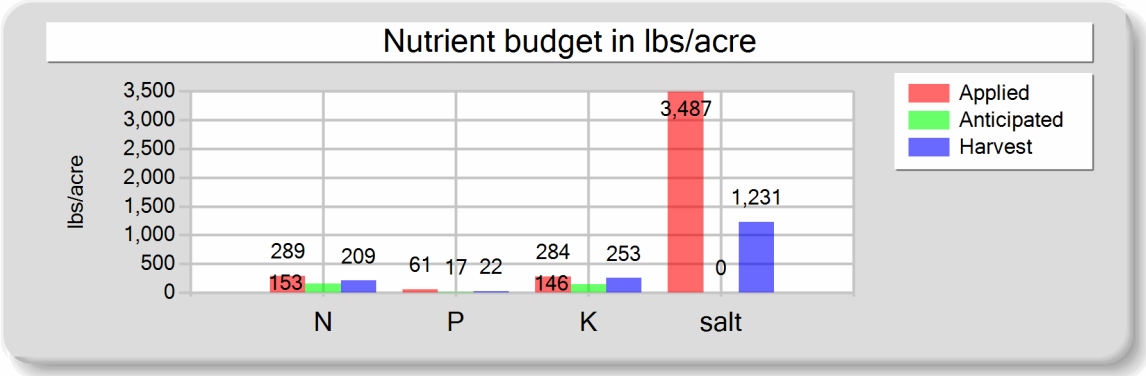
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Reporting period 01/01/2023 to 12/31/2023.

7 - 01/01/2014: Almond, in shell

Field name: 7

Crop: Almond, in shell

Plant date: 01/01/2014



|                                   | 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                  | 34,163,280.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,258.12 acre-inches  |
| Commercial fertilizer / Other     | 100.00             | 0.00               | 0.00               | 0.00                  | 46.60 inches/acre     |
| Dry manure                        | 142.29             | 60.53              | 283.52             | 0.00                  |                       |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                       |
| Fresh water                       | 32.28              | 0.00               | 0.00               | 3,487.47              |                       |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                       |
| Total nutrients applied           | 288.57             | 60.53              | 283.52             | 3,487.47              |                       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                       |
| Actual crop nutrient removal      | 208.51             | 21.60              | 253.19             | 1,230.57              |                       |
| Nutrient balance                  | 80.06              | 38.93              | 30.34              | 2,256.90              |                       |
| Applied to removed ratio          | 1.38               | 2.80               | 1.12               | 2.83                  |                       |

Process wastewater applied

0.00 gallons  
0.00 acre-inches  
0.00 inches/acre

Total harvests for the crop

1 harvests

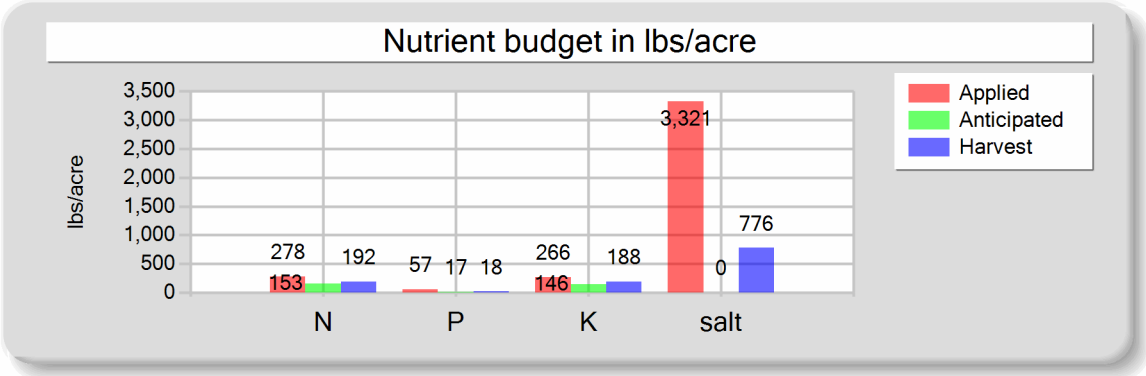
Annual Report - General Order No. R5-2007-0035  
Reporting period 01/01/2023 to 12/31/2023.

8 - 01/01/2019: Almond, in shell

Field name: 8

Crop: Almond, in shell

Plant date: 01/01/2019



|                                   | 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                  | 13,238,400.00 <i>gallons</i> |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 487.53 <i>acre-inches</i>    |
| Commercial fertilizer / Other     | 100.00             | 0.00               | 0.00               | 0.00                  | 44.32 <i>inches/acre</i>     |
| Dry manure                        | 133.35             | 56.72              | 265.70             | 0.00                  |                              |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                              |
| Fresh water                       | 30.30              | 0.00               | 0.00               | 3,320.59              |                              |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                              |
| Total nutrients applied           | 277.64             | 56.72              | 265.70             | 3,320.59              |                              |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                              |
| Actual crop nutrient removal      | 192.09             | 17.67              | 188.10             | 776.00                |                              |
| Nutrient balance                  | 85.55              | 39.05              | 77.60              | 2,544.59              |                              |
| Applied to removed ratio          | 1.45               | 3.21               | 1.41               | 4.28                  |                              |

Process wastewater applied

0.00 *gallons*  
0.00 *acre-inches*  
0.00 *inches/acre*

Total harvests for the crop

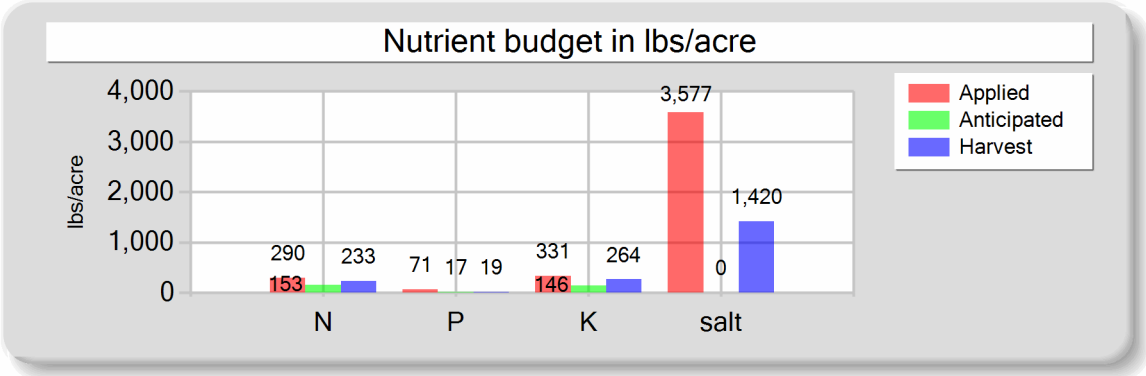
1 *harvests*



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9 - 04/13/2018: Almond, in shell

Field name: 9 Crop: Almond, in shell Plant date: 04/13/2018



|                                   | 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                  | 43,110,000.00 gallons |
| Plowdown credit                   | 0.00               | 0.00               | 0.00               | 0.00                  | 1,587.59 acre-inches  |
| Commercial fertilizer / Other     | 100.00             | 0.00               | 0.00               | 0.00                  | 45.36 inches/acre     |
| Dry manure                        | 166.09             | 70.65              | 330.94             | 0.00                  |                       |
| Process wastewater                | 0.00               | 0.00               | 0.00               | 0.00                  |                       |
| Fresh water                       | 10.28              | 0.00               | 0.00               | 3,576.97              |                       |
| Atmospheric deposition            | 14.00              | 0.00               | 0.00               | 0.00                  |                       |
| Total nutrients applied           | 290.37             | 70.65              | 330.94             | 3,576.97              |                       |
| Anticipated crop nutrient removal | 152.80             | 16.80              | 146.40             | 0.00                  |                       |
| Actual crop nutrient removal      | 233.10             | 19.49              | 264.28             | 1,420.49              |                       |
| Nutrient balance                  | 57.27              | 51.16              | 66.65              | 2,156.48              |                       |
| Applied to removed ratio          | 1.25               | 3.62               | 1.25               | 2.52                  |                       |

| Process wastewater applied |
|----------------------------|
| 0.00 gallons               |
| 0.00 acre-inches           |
| 0.00 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.

**NUTRIENT ANALYSES****A. MANURE ANALYSES****CVF Compost #1**Sample and source description: CVF Compost #1Sample date: 07/28/2022 Material type: Compost Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 26.8 %

|              | 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>(%) |
|--------------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| <b>Value</b> | 13,400.00          | 5,700.00           | 26,700.00          |                    |                      |                   |                   |                     |                       |            |
| <b>DL</b>    | 100.00             | 100.00             | 100.00             |                    |                      |                   |                   |                     |                       |            |

**Corral Solids DM1**Sample and source description: Corral Solids DM1Sample date: 04/17/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 25.7 %

|              | 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>(%) |
|--------------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| <b>Value</b> | 11,300.00          | 4,100.00           | 24,500.00          |                    |                      |                   |                   |                     |                       |            |
| <b>DL</b>    | 100.00             | 100.00             | 100.00             |                    |                      |                   |                   |                     |                       |            |

**Drying Solids DM2**Sample and source description: Drying Solids DM2Sample date: 04/17/2023 Material type: Separator solids Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 44.7 %

|              | 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>(%) |
|--------------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| <b>Value</b> | 13,900.00          | 6,800.00           | 29,800.00          | 15,800.00          | 8,100.00             | 4,400.00          | 4,400.00          | 300.00              |                       | 66.20      |
| <b>DL</b>    | 100.00             | 100.00             | 100.00             | 100.00             | 100.00               | 100.00            | 100.00            | 100.00              |                       | 0.01       |

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***Corral Solids**Sample and source description: Corral SolidsSample date: 10/10/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: As-isMoisture: 27.8 %

|              | 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>(%) |
|--------------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| <b>Value</b> | 14,400.00          | 5,100.00           | 34,000.00          |                    |                      |                   |                   |                     |                       |            |
| <b>DL</b>    | 100.00             | 100.00             | 100.00             |                    |                      |                   |                   |                     |                       |            |

**Separated Solids**Sample and source description: Separated SolidsSample date: 10/10/2023 Material type: Separator solids Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 66.9 %

|              | 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>(%) |
|--------------|--------------------|--------------------|--------------------|--------------------|----------------------|-------------------|-------------------|---------------------|-----------------------|------------|
| <b>Value</b> | 17,900.00          | 5,900.00           | 37,800.00          |                    |                      |                   |                   |                     |                       |            |
| <b>DL</b>    | 100.00             | 100.00             | 100.00             |                    |                      |                   |                   |                     |                       |            |

**B. PROCESS WASTEWATER ANALYSES****WW 1st Q SW Corner WWS #1**Sample and source description: WW 1st Q SW Corner WWS #1Sample date: 02/13/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.90

|              | Kjeldahl-N<br>(mg/L) | NH <sub>4</sub> -N<br>(mg/L) | NH <sub>3</sub> -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) |
|--------------|----------------------|------------------------------|------------------------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 174.00               | 123.00                       | 0.00                         | 1.50                | 82.90             | 997.00            | 164.00            | 66.90             | 187.00           | 1,940.00          | 0.00            | 5.40              | 721.00             | 6,380.00         | 4,700         |
| <b>DL</b>    | 1.00                 | 0.50                         | 0.50                         | 0.10                | 0.10              | 0.50              | 0.10              | 0.10              | 1.00             | 5.00              | 1.00            | 0.50              | 0.20               | 10.00            | 10            |

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|              | 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) |
|--------------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 455.00               | 283.00          | 0.00            | 1.00                | 176.00            | 1,800.00          |                   |                   |                  |                   |                 |                   |                    | 11,000.00        | 7,800         |
| <b>DL</b>    | 1.00                 | 0.50            | 0.50            | 0.10                | 0.10              | 0.50              |                   |                   |                  |                   |                 |                   |                    | 10.00            | 10            |

**WW 3rd Q- SW Corner WWS #1**Sample and source description: WW 3rd Q- SW Corner WWS #1Sample date: 09/05/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.70

|              | 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) |
|--------------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 1,070.00             | 349.00          | 0.00            | 1.30                | 710.00            | 2,040.00          |                   |                   |                  |                   |                 |                   |                    | 10,300.00        | 5,950         |
| <b>DL</b>    | 1.00                 | 0.50            | 0.50            | 0.10                | 0.10              | 0.50              |                   |                   |                  |                   |                 |                   |                    | 10.00            | 10            |

**Q4- SW Corner WWS #1**Sample and source description: Q4- SW Corner WWS #1Sample date: 10/25/2023 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) |
|--------------|----------------------|-----------------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-----------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 128.00               | 95.00           | 0.00            | 0.10                | 48.80             | 248.00            |                   |                   |                  |                   |                 |                   |                    | 2,290.00         | 1,570         |
| <b>DL</b>    | 1.00                 | 0.50            | 0.50            | 0.10                | 0.10              | 0.50              |                   |                   |                  |                   |                 |                   |                    | 10.00            | 10            |

**C. FRESH WATER ANALYSES****14 Reservoir**

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***14 Reservoir****Reservoir**Sample description: ReservoirSample date: 07/25/2023 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) |
|--------------|-------------------|-----------------|---------------------|-------------------|---------------------|------------------|-----------------------|---------------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 1.00              |                 | 0.40                |                   |                     |                  |                       |                     |                   |                    | 426.00           | 280           |
| <b>DL</b>    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

**IW 2****Ag Supply Well**Sample description: Ag Supply WellSample date: 07/25/2023 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) |
|--------------|-------------------|-----------------|---------------------|-------------------|---------------------|------------------|-----------------------|---------------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 19.30             |                 | 19.30               |                   |                     |                  |                       |                     |                   |                    | 839.00           | 432           |
| <b>DL</b>    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

**IW 5****Ag Supply Well**Sample description: Ag Supply WellSample date: 07/25/2023 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) |
|--------------|-------------------|-----------------|---------------------|-------------------|---------------------|------------------|-----------------------|---------------------|-------------------|--------------------|------------------|---------------|
| <b>Value</b> | 1.00              |                 | 0.60                |                   |                     |                  |                       |                     |                   |                    | 547.00           | 348           |
| <b>DL</b>    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

**IW 8**

Annual Report - General Order No. R5-2007-0035  
Reporting period 01/01/2023 to 12/31/2023.

IW 8

Ag Supply Well

Sample description: Ag Supply Well

Sample date: 07/25/2023      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 | 1.30              |                 | 1.30                |                   |                     |                  |                       |                     |                   |                    | 447.00           | 295           |
| DL    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

IW 9

Ag Supply Well

Sample description: Ag Supply Well

Sample date: 07/25/2023      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 | 5.18              |                 | 5.00                |                   |                     |                  |                       |                     |                   |                    | 512.00           | 312           |
| DL    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

MID Canal

Surface Water

Sample description: Surface Water

Sample date: 07/25/2023      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 | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 36.60            | 65            |
| DL    | 1.00              |                 | 0.10                |                   |                     |                  |                       |                     |                   |                    | 10.00            | 10            |

D. SOIL ANALYSES

Annual Report - General Order No. R5-2007-0035  
Reporting period 01/01/2023 to 12/31/2023.

No soil analyses entered.

E. PLANT TISSUE ANALYSES

10 - 01/01/2001: Almond, in shell

Almonds

Sample and source description: Almonds

Sample date: 11/20/2023    Source of analysis: Lab analysis    Method of reporting: As-is

Moisture: 9.4 %

|       | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|-------|-----------------|-----------------|-----------------|--------------------|---------|
| Value | 17,600.00       | 1,300.00        | 22,600.00       |                    | 20.01   |
| DL    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

11 - 01/01/2002: Almond, in shell

Almonds

Sample and source description: Almonds

Sample date: 11/20/2023    Source of analysis: Lab analysis    Method of reporting: As-is

Moisture: 9.4 %

|       | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|-------|-----------------|-----------------|-----------------|--------------------|---------|
| Value | 17,600.00       | 1,300.00        | 22,600.00       |                    | 20.01   |
| DL    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

12 - 01/01/1995: Almond, in shell

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.*

12 - 01/01/1995: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.8 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 18,000.00       | 1,700.00        | 23,100.00       |                    | 15.51   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

13 - 01/01/2003: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.7 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 20,700.00       | 1,100.00        | 23,200.00       |                    | 19.99   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

14&amp;15 - 05/02/2019: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.2 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 23,900.00       | 2,500.00        | 28,900.00       |                    | 16.77   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |



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3&amp;4 - 11/01/2011: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.4 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 26,700.00       | 2,600.00        | 25,700.00       |                    | 15.34   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

5 - 04/27/2019: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.2 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 23,900.00       | 2,500.00        | 28,900.00       |                    | 16.77   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

6A - 01/01/2017: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.3 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 25,300.00       | 3,600.00        | 36,700.00       |                    | 14.64   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

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6B - 04/25/2019: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.2 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 26,700.00       | 3,500.00        | 50,000.00       |                    | 19.02   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

7 - 01/01/2014: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 8.6 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 28,000.00       | 2,900.00        | 34,000.00       |                    | 18.08   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

8 - 01/01/2019: Almond, in shell

**Almonds**Sample and source description: AlmondsSample date: 11/20/2023 Source of analysis: Lab analysis Method of reporting: As-isMoisture: 9.3 %

|              | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|--------------|-----------------|-----------------|-----------------|--------------------|---------|
| <b>Value</b> | 33,700.00       | 3,100.00        | 33,000.00       |                    | 15.01   |
| <b>DL</b>    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

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

9 - 04/13/2018: Almond, in shell

Almonds

Sample and source description: Almonds

Sample date: 11/20/2023    Source of analysis: Lab analysis    Method of reporting: As-is

Moisture: 8.3 %

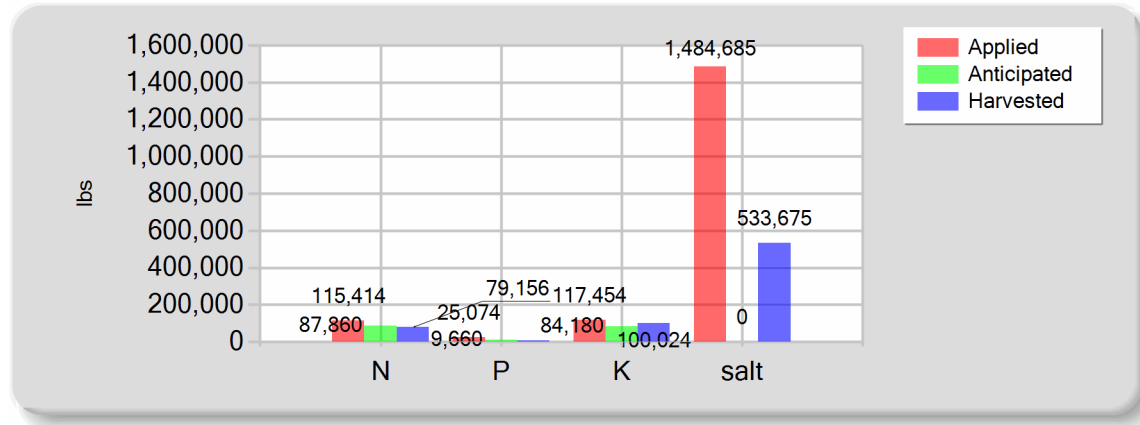
|       | Total N (mg/kg) | Total P (mg/kg) | Total K (mg/kg) | Total salt (mg/kg) | TFS (%) |
|-------|-----------------|-----------------|-----------------|--------------------|---------|
| Value | 29,900.00       | 2,500.00        | 33,900.00       |                    | 19.87   |
| DL    | 100.00          | 100.00          | 100.00          |                    | 0.01    |

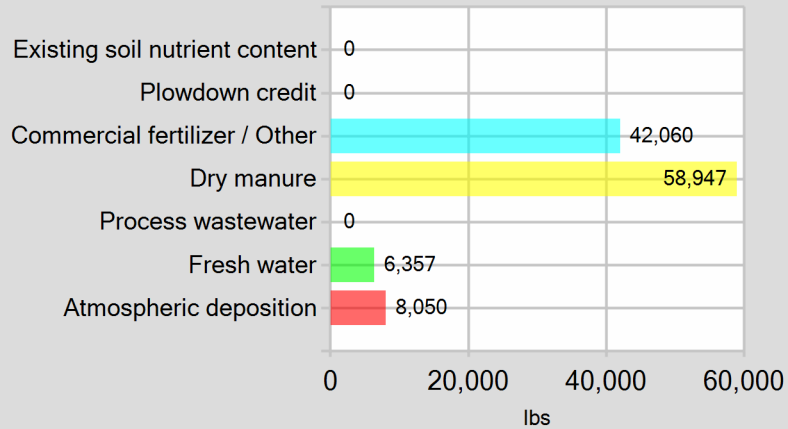
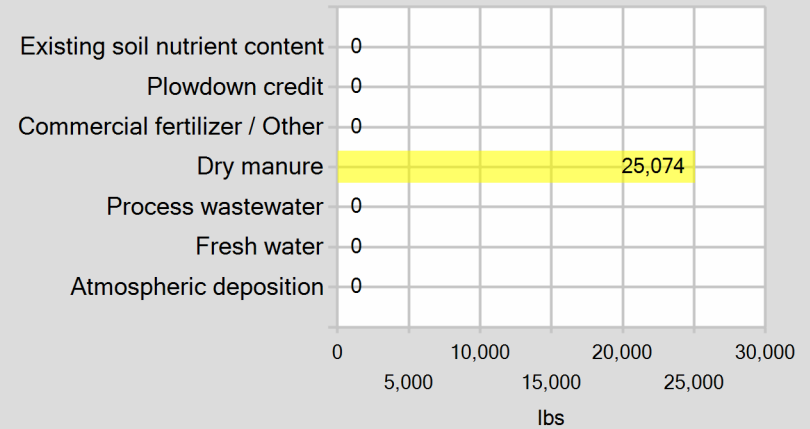
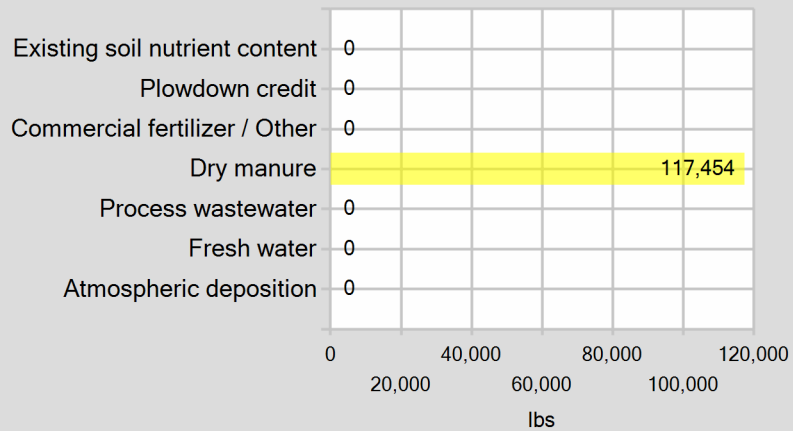
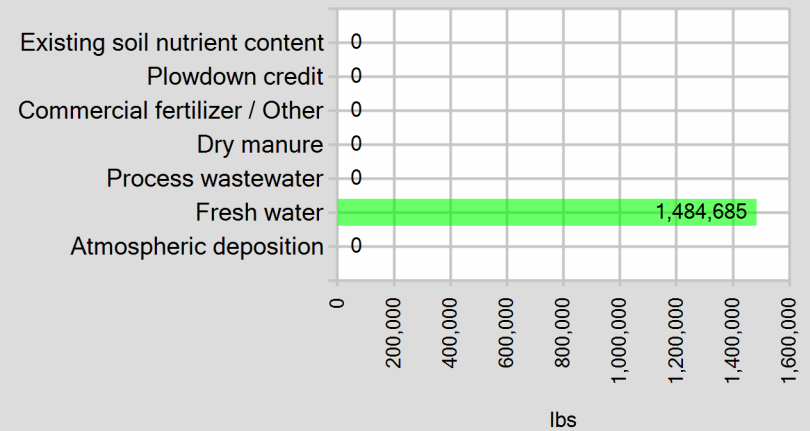
F. SUBSURFACE (TILE) DRAINAGE ANALYSES

No subsurface (tile) drainage analyses entered.

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE****A. SUMMARY OF NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE**

|                                   | Total N (lbs) | Total P (lbs) | Total K (lbs) | Total salt (lbs) |
|-----------------------------------|---------------|---------------|---------------|------------------|
| Existing soil nutrient content    | 0.00          | 0.00          | 0.00          | 0.00             |
| Plowdown credit                   | 0.00          | 0.00          | 0.00          | 0.00             |
| Commercial fertilizer / Other     | 42,060.00     | 0.00          | 0.00          | 0.00             |
| Dry manure                        | 58,946.96     | 25,074.46     | 117,454.03    | 0.00             |
| Process wastewater                | 0.00          | 0.00          | 0.00          | 0.00             |
| Fresh water                       | 6,357.45      | 0.00          | 0.00          | 1,484,684.87     |
| Atmospheric deposition            | 8,050.00      | 0.00          | 0.00          | 0.00             |
| Total nutrients applied           | 115,414.42    | 25,074.46     | 117,454.03    | 1,484,684.87     |
| Anticipated crop nutrient removal | 87,860.00     | 9,660.00      | 84,180.00     | 0.00             |
| Actual crop nutrient removal      | 79,156.25     | 7,897.46      | 100,024.37    | 533,675.01       |
| Nutrient balance                  | 36,258.17     | 17,177.00     | 17,429.66     | 951,009.86       |
| Applied to removed ratio          | 1.46          | 3.18          | 1.17          | 2.78             |

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

**Annual Report - General Order No. R5-2007-0035***Reporting period 01/01/2023 to 12/31/2023.***C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE****Pounds of nitrogen applied****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?   | No  |
| 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**

Precipitation utilized during winter months to meet forage freshwater requirements.

Irrigation wells #3, 4, 6, & 7 were non-operational in 2023. All wells will be sampled once the wells become operational and/or used during the cropping season. Heavy rains during the winter season allowed for a greater amount of surface water allocation to grow crops.

Fields 13 Almonds & 14&15 Almonds had lower than anticipated removal rates due to lower than anticipated %N or low tonnage. This resulted in a field ratio that slightly exceeded the target limit.

Fields 3&4 Corn, 6A Corn, 6B Corn, 9 Corn had higher than anticipated removal rates. This was due to higher than expected %N and/or yield. The %N removed, which is based on analysis derived through a certified laboratory, exceeded the anticipated values for this crop. Appropriate management practices resulted in decent yields and/or higher than expected nutrient removal rates.

Nutrients applied to permanent crops, such as trees and vines, are used for tree growth, vine development and fruit production (grapes, nuts, etc.). Comparing nutrient applications to nutrient content of harvested material for permanent crops is not appropriate and will result in high field ratios. A more accurate reporting methodology will need to be developed in order to account for nutrients retained in the permanent crops. All applications will continue to be monitored closely to ensure that over application of nutrients does not occur.

Fields 1 & 2 Almonds received no wastewater or solid manure in 2023. All nutrients applied to Almond fields were contributed through freshwater applications and commercial fertilizer only.

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.

DocuSigned by:

Larry Pietrowski

SIGNATURE OF OWNER OF FACILITY

SIGNATURE OF OPERATOR OF FACILITY

Larry Pietrowski

SAME AS OWNER

PRINT OR TYPE NAME  
6/19/2024

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.

**Manure / Process Wastewater Tracking Manifest  
For  
Existing Milk Cow Dairies**

General Order No. R5-2007-0035, Attachment D

**INSTRUCTIONS**

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

**OPERATOR INFORMATION**

Name of Operator: Larry Pietrowski

Name of Dairy Facility: Costa View Dairy North

Facility Address:

|                       |                   |               |              |
|-----------------------|-------------------|---------------|--------------|
| <u>9499 Avenue 20</u> | <u>Chowchilla</u> | <u>Madera</u> | <u>93610</u> |
| Number and Street     | City              | County        | Zip Code     |

|                                       |                         |                       |
|---------------------------------------|-------------------------|-----------------------|
| Contact Person Name and Phone Number: | <u>Larry Pietrowski</u> | <u>(559) 706-2051</u> |
|                                       | Name                    | Phone Number          |

**MANURE HAULER INFORMATION**

Name of Hauling Company/Person: Kenneth R Stone Spreading Services

Address of Hauling Company/Person:

|                      |               |           |              |
|----------------------|---------------|-----------|--------------|
| <u>5175 Shaw AVE</u> | <u>Winton</u> | <u>CA</u> | <u>95388</u> |
| Number and Street    | City          | State     | Zip Code     |

|                 |                   |                       |
|-----------------|-------------------|-----------------------|
| Contact Person: | <u>Paul Stone</u> | <u>(209) 756-1491</u> |
|                 | Name              | Phone Number          |

**DESTINATION INFORMATION**

Composting Facility / Broker / Farmer / Other (identify): Composting Facility

Contact information of Composting Facility, Broker, Farmer, or Other (as identified above):

|   |                       |
|---|-----------------------|
| <u>Kenneth R Stone Spreading Services</u> | <u>(209) 756-1491</u> |
| Name                                      | Phone Number          |

|                      |               |           |              |
|----------------------|---------------|-----------|--------------|
| <u>5175 Shaw AVE</u> | <u>Winton</u> | <u>CA</u> | <u>95388</u> |
| Address              | City          | State     | Zip Code     |

Destination Address or Assessor's Parcel Number:

|                      |               |              |
|----------------------|---------------|--------------|
| <u>5175 Shaw AVE</u> | <u>Winton</u> | <u>95388</u> |
| Address              | City          | Zip Code     |

|  |               |
|--|---------------|
| <u>Street and nearest cross street (if no address)</u> | <u>Merced</u> |
|  | County        |

|                                 |                                 |
|---------------------------------|---------------------------------|
| <u>Assessor's Parcel Number</u> | <u>Assessor's Parcel Number</u> |
|                                 | County                          |

Last date hauled: 08/03/2023

Manure / Process Wastewater Tracking Manifest  
For  
Existing Milk Cow Dairies  
General Order No. R5-2007-0035, Attachment D

MANURE AMOUNT HAULED

Enter the amount of manure hauled in tons, manure solids content, and the method used to calculate the amount:

Manure: 4,384.00 tons  
Manure Solids Content: 74.3 %

Method used to determine amount of manure:

Number of loads multiplied by load weight.

CERTIFICATION

I declare under penalty of law that I personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true , accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

|  |           |
|--|-----------|
| <div>DocuSigned by:<br/>Larry Pietrowski</div> | 6/19/2024 |
| Operator Signature                             | Date      |
| <div>DocuSigned by:<br/>Paul Stones</div>      | 6/19/2024 |
| Hauler Signature                               | Date      |



Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

### Samples in this Report

| Lab ID     | Sample            | Matrix   | Sampled By | Crop                                | Date Sampled     |
|------------|-------------------|----------|------------|-------------------------------------|------------------|
| 23G1837-01 | CVDN IW #2        | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 14:00 |
| 23G1837-02 | CVDN IW #5        | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 13:53 |
| 23G1837-03 | CVDN IW #8        | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 14:07 |
| 23G1837-04 | CVDN IW #9        | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 13:44 |
| 23G1837-05 | CVDN Mid Canal    | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 13:50 |
| 23G1837-06 | CVDN 14 Reservoir | Ag Water | F & R Ag   | Irrigation<br>Wells/Reservoir/Canal | 07/25/2023 14:04 |

Default Cooler      Temperature on Receipt °C: -1.3  
Containers Intact  
COC/Labels Agree  
Preservation Confirmed  
Received On Ice

### Notes and Definitions

| Item   | Definition  |
|--------|---|
| H      | Hold Time Exceeded                                    |
| MCL    | Drinking Water Maximum Contaminant Level              |
| ND     | Analyte NOT DETECTED at or above the reporting limit. |
| NES    | Not Enough Sample                                     |
| *      | Not Taken   |
| RPD    | Relative Percent Difference                           |
| %REC   | Percent Recovery                                      |
| Source | Sample that was matrix spiked or duplicated.          |

Laboratory Director/Technical Manager

ELAP Certification #1595  
A2LA Certification #6440.02

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

## Sample Results

**Sample: CVDN IW #2**  
**23G1837-01 (Water)**

Sampled: 7/25/2023 14:00

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.84</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:10     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>839</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:10     | SM 2510 B     |       | BEG0958 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>19.3</b> | mg/L     | 0.1             | 1   | 10     | 07/25/23 21:54     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>7.6</b>  | units    | 1.0             | 1   |        | 07/28/23 14:10     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>432</b>  | mg/L     | 10.0            | 1   |        | 07/31/23 15:24     | SM 2540 C     |       | BEG0950 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:10     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:45     | SM 4500-NH3 C |       | BEG1108 |
| <b>Total Nitrogen</b>                | <b>19.3</b> | mg/L     | 1.00            | 1   |        | 08/01/23 08:45     | SM 4500-NH3 C |       | BEG1108 |

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9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
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### Sample Results (Continued)

**Sample: CVDN IW #5**  
**23G1837-02 (Water)**

Sampled: 7/25/2023 13:53

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.55</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:11     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>547</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:11     | SM 2510 B     |       | BEG0958 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>0.6</b>  | mg/L     | 0.1             | 1   | 10     | 07/25/23 22:14     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>7.8</b>  | units    | 1.0             | 1   |        | 07/28/23 14:11     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>348</b>  | mg/L     | 10.0            | 1   |        | 07/28/23 17:41     | SM 2540 C     |       | BEG0951 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:11     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:47     | SM 4500-NH3 C |       | BEG1108 |
| Total Nitrogen                       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:47     | SM 4500-NH3 C |       | BEG1108 |

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### Sample Results (Continued)

**Sample: CVDN IW #8**  
**23G1837-03 (Water)**

Sampled: 7/25/2023 14:07

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.45</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:13     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>447</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:13     | SM 2510 B     |       | BEG0958 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>1.3</b>  | mg/L     | 0.1             | 1   | 10     | 07/25/23 22:34     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>7.7</b>  | units    | 1.0             | 1   |        | 07/28/23 14:13     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>295</b>  | mg/L     | 10.0            | 1   |        | 07/28/23 17:41     | SM 2540 C     |       | BEG0951 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:13     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:48     | SM 4500-NH3 C |       | BEG1108 |
| <b>Total Nitrogen</b>                | <b>1.30</b> | mg/L     | 1.00            | 1   |        | 08/01/23 08:48     | SM 4500-NH3 C |       | BEG1108 |

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Account# 00-0016563  
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Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

### Sample Results (Continued)

**Sample: CVDN IW #9**  
**23G1837-04 (Water)**

Sampled: 7/25/2023 13:44

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.51</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:14     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>512</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:14     | SM 2510 B     |       | BEG0958 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>5.0</b>  | mg/L     | 0.1             | 1   | 10     | 07/26/23 01:17     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>7.6</b>  | units    | 1.0             | 1   |        | 07/28/23 14:14     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>312</b>  | mg/L     | 10.0            | 1   |        | 07/28/23 17:41     | SM 2540 C     |       | BEG0951 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:14     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:49     | SM 4500-NH3 C |       | BEG1108 |
| <b>Total Nitrogen</b>                | <b>5.18</b> | mg/L     | 1.00            | 1   |        | 08/01/23 08:49     | SM 4500-NH3 C |       | BEG1108 |

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Reported: 08/02/2023 15:04

### Sample Results (Continued)

**Sample: CVDN Mid Canal**  
**23G1837-05 (Water)**

Sampled: 7/25/2023 13:50

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.04</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:16     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>36.6</b> | umhos/cm | 10.0            | 1   |        | 07/28/23 14:16     | SM 2510 B     |       | BEG0958 |
| Nitrate Nitrogen as NO3N             | ND          | mg/L     | 0.1             | 1   | 10     | 07/26/23 01:37     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>7.8</b>  | units    | 1.0             | 1   |        | 07/28/23 14:16     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>65.0</b> | mg/L     | 10.0            | 1   |        | 07/28/23 17:41     | SM 2540 C     |       | BEG0951 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:16     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:51     | SM 4500-NH3 C |       | BEG1108 |
| Total Nitrogen                       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:51     | SM 4500-NH3 C |       | BEG1108 |

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Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
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### Sample Results (Continued)

**Sample: CVDN 14 Reservoir  
23G1837-06 (Water)**

Sampled: 7/25/2023 14:04

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method        | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|---------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.43</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:17     | SM 2510 B     |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>426</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:17     | SM 2510 B     |       | BEG0958 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>0.4</b>  | mg/L     | 0.1             | 1   | 10     | 07/26/23 01:57     | EPA 300.0     |       | BEG0910 |
| <b>pH</b>                            | <b>8.8</b>  | units    | 1.0             | 1   |        | 07/28/23 14:17     | SM 4500-H+    | H     | BEG0958 |
| <b>Total Filterable Solids (TDS)</b> | <b>280</b>  | mg/L     | 10.0            | 1   |        | 07/28/23 17:41     | SM 2540 C     |       | BEG0951 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:17     | SM 2510 B     |       | BEG0958 |
| Kjeldahl Nitrogen (TKN), Total       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:52     | SM 4500-NH3 C |       | BEG1108 |
| Total Nitrogen                       | ND          | mg/L     | 1.00            | 1   |        | 08/01/23 08:52     | SM 4500-NH3 C |       | BEG1108 |

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Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

## Quality Control

| Analyte                           | Result Qual | Reporting Limit           | Units | Spike Level                             | Source Result | %REC | %REC Limits | RPD   | RPD Limit |
|-----------------------------------|-------------|---------------------------|-------|---|---------------|------|-------------|-------|-----------|
| <b>Batch: BEG0910</b>             |             |                           |       |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK1)</b>       |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK2)</b>       |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK3)</b>       |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>LCS (BEG0910-BS1)</b>          |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 5.2         | 0.1                       | mg/L  | 5.000                                   |               | 104  | 90-110      |       |           |
| <b>LCS (BEG0910-BS2)</b>          |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 5.2         | 0.1                       | mg/L  | 5.000                                   |               | 104  | 90-110      |       |           |
| <b>Duplicate (BEG0910-DUP1)</b>   |             | <b>Source: 23G1827-02</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 2.1         | 0.1                       | mg/L  |   | 2.1           |      |             | 0.517 | 10        |
| <b>Duplicate (BEG0910-DUP2)</b>   |             | <b>Source: 23G1843-03</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 0.4         | 0.1                       | mg/L  |   | 0.4           |      |             | 0.911 | 10        |
| <b>Matrix Spike (BEG0910-MS1)</b> |             | <b>Source: 23G1827-02</b> |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 7.4         | 0.1                       | mg/L  | 5.000                                   | 2.1           | 106  | 90-110      |       |           |
| <b>Matrix Spike (BEG0910-MS2)</b> |             | <b>Source: 23G1843-03</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 5.7         | 0.1                       | mg/L  | 5.000                                   | 0.4           | 105  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM1)</b>   |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 10.2        |                           | mg/L  | 10.00                                   |               | 102  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM2)</b>   |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 10.3        |                           | mg/L  | 10.00                                   |               | 103  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM3)</b>   |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO3N          | 10.3        |                           | mg/L  | 10.00                                   |               | 103  | 90-110      |       |           |

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Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

### Quality Control (Continued)

| Analyte                       | Result Qual | Reporting Limit | Units | Spike Level                             | Source Result | %REC  | %REC Limits | RPD    | RPD Limit |
|-------------------------------|-------------|-----------------|-------|---|---------------|-------|-------------|--------|-----------|
| Batch: BEG0950                |             |                 |       |   |               |       |             |        |           |
| Blank (BEG0950-BLK1)          |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | ND          | 10.0            | mg/L  | Prepared: 7/25/2023 Analyzed: 7/31/2023 |               |       |             |        |           |
| LCS (BEG0950-BS1)             |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | 13.8        | 10.0            | mg/L  | 2000                                    |               | 0.688 | 0-200       |        |           |
| Duplicate (BEG0950-DUP1)      |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | 400         | 10.0            | mg/L  | Prepared: 7/25/2023 Analyzed: 7/31/2023 |               | 400   |             | 0.00   | 10        |
| Duplicate (BEG0950-DUP2)      |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | 287         | 10.0            | mg/L  | Prepared: 7/25/2023 Analyzed: 7/31/2023 |               | 307   |             | 6.74   | 10        |
| Reference (BEG0950-SRM1)      |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | 323         |                 | mg/L  | Prepared: 7/25/2023 Analyzed: 7/31/2023 |               | 325.0 | 99.5        | 90-110 |           |
| Reference (BEG0950-SRM2)      |             |                 |       |   |               |       |             |        |           |
| Total Filterable Solids (TDS) | 510         |                 | mg/L  | Prepared: 7/25/2023 Analyzed: 7/31/2023 |               | 495.0 | 103         | 90-110 |           |

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### Quality Control (Continued)

| Analyte                                 | Result Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD  | RPD Limit |
|---|-------------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|
| <b>Batch: BEG0951</b>                   |             |                 |       |             |               |      |             |      |           |
| <b>Blank (BEG0951-BLK1)</b>             |             |                 |       |             |               |      |             |      |           |
| Total Filterable Solids (TDS)           | ND          | 10.0            | mg/L  |             |               |      |             |      |           |
| Prepared: 7/25/2023 Analyzed: 7/28/2023 |             |                 |       |             |               |      |             |      |           |
| <b>Duplicate (BEG0951-DUP1)</b>         |             |                 |       |             |               |      |             |      |           |
| <b>Source: 23G1849-01</b>               |             |                 |       |             |               |      |             |      |           |
| Total Filterable Solids (TDS)           | 6900        | 10.0            | mg/L  |             | 6700          |      |             | 2.94 | 10        |
| Prepared: 7/25/2023 Analyzed: 7/28/2023 |             |                 |       |             |               |      |             |      |           |
| <b>Reference (BEG0951-SRM1)</b>         |             |                 |       |             |               |      |             |      |           |
| Total Filterable Solids (TDS)           | 333         |                 | mg/L  | 325.0       |               | 103  | 90-110      |      |           |
| Prepared: 7/25/2023 Analyzed: 7/28/2023 |             |                 |       |             |               |      |             |      |           |
| <b>Reference (BEG0951-SRM2)</b>         |             |                 |       |             |               |      |             |      |           |
| Total Filterable Solids (TDS)           | 503         |                 | mg/L  | 495.0       |               | 102  | 90-110      |      |           |

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### Quality Control (Continued)

| Analyte                         | Result Qual | Reporting Limit | Units    | Spike Level | Source Result  | %REC | %REC Limits  | RPD | RPD Limit |
|---------------------------------|-------------|-----------------|----------|-------------|--|------|--------------|-----|-----------|
| <b>Batch: BEG0958</b>           |             |                 |          |             |  |      |              |     |           |
| <b>Blank (BEG0958-BLK1)</b>     |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |             |  |      |              |     |           |
| pH                              | 5.4         | 1.0             | units    |             |  |      |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |             |  |      |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |             |  |      |              |     |           |
| <b>Blank (BEG0958-BLK2)</b>     |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |             |  |      |              |     |           |
| pH                              | 7.2         | 1.0             | units    |             |  |      |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |             |  |      |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |             |  |      |              |     |           |
| <b>Blank (BEG0958-BLK3)</b>     |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |             |  |      |              |     |           |
| pH                              | 7.2         | 1.0             | units    |             |  |      |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |             |  |      |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |             |  |      |              |     |           |
| <b>Duplicate (BEG0958-DUP1)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Source: 23G1840-02 Prepared: 7/26/2023 Analyzed: 7/28/2023 |      |              |     |           |
| Electrical Conductivity         | 1.09        | 0.01            | mmhos/cm |             | 1.10   |      | 0.630        | 10  |           |
| pH                              | 7.5         | 1.0             | units    |             | 7.5  |      | 0.266        | 10  |           |
| Electrical Conductivity umhos   | 1090        | 10.0            | umhos/cm |             | 1100   |      | 0.630        | 10  |           |
| <b>Duplicate (BEG0958-DUP2)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Source: 23G1852-01 Prepared: 7/26/2023 Analyzed: 7/28/2023 |      |              |     |           |
| Electrical Conductivity         | 2.40        | 0.01            | mmhos/cm |             | 2.38   |      | 0.766        | 10  |           |
| pH                              | 7.5         | 1.0             | units    |             | 7.4  |      | 0.268        | 10  |           |
| Electrical Conductivity umhos   | 2400        | 10.0            | umhos/cm |             | 2380   |      | 0.766        | 10  |           |
| <b>Reference (BEG0958-SRM1)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | 587         |                 | umhos/cm | 538.0       |  | 109  | 90-110       |     |           |
| <b>Reference (BEG0958-SRM2)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| pH                              | 5.8         |                 | units    | 5.820       |  | 100  | 28178-101.7: |     |           |
| <b>Reference (BEG0958-SRM3)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | 1090        |                 | umhos/cm | 1000        |  | 109  | 90-110       |     |           |
| <b>Reference (BEG0958-SRM4)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | 1100        |                 | umhos/cm | 1000        |  | 110  | 90-110       |     |           |
| <b>Reference (BEG0958-SRM5)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |
| Electrical Conductivity         | 1100        |                 | umhos/cm | 1000        |  | 110  | 90-110       |     |           |
| <b>Reference (BEG0958-SRM6)</b> |             |                 |          |             |  |      |              |     |           |
|                                 |             |                 |          |             | Prepared: 7/26/2023 Analyzed: 7/28/2023                    |      |              |     |           |

The results in this report apply to the samples as received and were analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All results listed in this report are for the exclusive use of the submitting party. Dellavalle Laboratory, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.



Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

### Quality Control (Continued)

| Analyte                           | Result Qual | Reporting Limit | Units | Spike Level                             | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-----------------------------------|-------------|-----------------|-------|---|---------------|------|-------------|-----|-----------|
| <b>Batch: BEG0958 (Continued)</b> |             |                 |       |   |               |      |             |     |           |
| <b>Reference (BEG0958-SRM6)</b>   |             |                 |       | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000                                   |               | 100  | 97.5-102.5  |     |           |
| <b>Reference (BEG0958-SRM7)</b>   |             |                 |       | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000                                   |               | 100  | 97.5-102.5  |     |           |
| <b>Reference (BEG0958-SRM8)</b>   |             |                 |       | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000                                   |               | 100  | 97.5-102.5  |     |           |

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Costa View Dairy North  
9499 Ave 20  
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Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/02/2023 15:04

### Quality Control (Continued)

| Analyte                           | Result Qual | Reporting Limit | Units | Spike Level                            | Source Result | %REC                                   | %REC Limits | RPD | RPD Limit |
|-----------------------------------|-------------|-----------------|-------|--|---------------|--|-------------|-----|-----------|
| <b>Batch: BEG1108</b>             |             |                 |       |  |               |  |             |     |           |
| <b>Blank (BEG1108-BLK1)</b>       |             |                 |       | Prepared: 7/28/2023 Analyzed: 8/1/2023 |               |  |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | ND          | 1.00            | mg/L  |  |               |  |             |     |           |
| Total Nitrogen                    | ND          | 1.00            | mg/L  |  |               |  |             |     |           |
| <b>Blank (BEG1108-BLK2)</b>       |             |                 |       | Prepared: 7/28/2023 Analyzed: 8/1/2023 |               |  |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | ND          | 1.00            | mg/L  |  |               |  |             |     |           |
| Total Nitrogen                    | ND          | 1.00            | mg/L  |  |               |  |             |     |           |
| <b>LCS (BEG1108-BS1)</b>          |             |                 |       | Prepared: 7/28/2023 Analyzed: 8/1/2023 |               |  |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | 5.72        | 1.00            | mg/L  | 5.709                                  |               | 100                                    | 90-110      |     |           |
| <b>LCS (BEG1108-BS2)</b>          |             |                 |       | Prepared: 7/28/2023 Analyzed: 8/1/2023 |               |  |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | 5.84        | 1.00            | mg/L  | 5.709                                  |               | 102                                    | 90-110      |     |           |
| <b>Duplicate (BEG1108-DUP1)</b>   |             |                 |       | <b>Source: 23G1831-02</b>              |               | Prepared: 7/28/2023 Analyzed: 8/1/2023 |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | ND          | 1.40            | mg/L  |  | ND            |  |             |     | 10        |
| <b>Duplicate (BEG1108-DUP2)</b>   |             |                 |       | <b>Source: 23G1837-01</b>              |               | Prepared: 7/28/2023 Analyzed: 8/1/2023 |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | ND          | 1.40            | mg/L  |  | ND            |  |             |     | 10        |
| <b>Matrix Spike (BEG1108-MS1)</b> |             |                 |       | <b>Source: 23G1831-02</b>              |               | Prepared: 7/28/2023 Analyzed: 8/1/2023 |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | 8.46        | 1.40            | mg/L  | 7.992                                  | ND            | 106                                    | 90-110      |     |           |
| <b>Matrix Spike (BEG1108-MS2)</b> |             |                 |       | <b>Source: 23G1837-01</b>              |               | Prepared: 7/28/2023 Analyzed: 8/1/2023 |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | 7.07        | 1.40            | mg/L  | 7.992                                  | ND            | 88.5                                   | 90-110      |     |           |
| <b>Reference (BEG1108-SRM1)</b>   |             |                 |       | Prepared: 7/28/2023 Analyzed: 8/1/2023 |               |  |             |     |           |
| Kjeldahl Nitrogen (TKN), Total    | 23.9        |                 | mg/L  | 23.80                                  |               | 100                                    | 90-110      |     |           |

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07/25/23 15:40

21G1837

## DELLAVALLE LABORATORY, INC.

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

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

Purchase Order No

Bill To:

Acct #

Cons #

Results Need By

Name: Costa View Dairy North

Address: 16800 Road 15

City: Madera State: CA Zip: 93637

Telephone: Fax:

Cell/Email: ginam.costaviewfarms@gmail.com

COPY TO: ariordan@fragservices.com

REQUESTED BY: Larry Pietrowski

PROJECT:

CROP: IRRIGATION WELLS/RESERVOIR/CANAL

[X] Copy of Chain [X] QA/QC Documents

Sampled By:

F&amp;R AG

## Description of Samples

|    |                   |
|----|-------------------|
| 1  | CVDN IW #2        |
| 2  | CVDN IW #5        |
| 3  | CVDN IW #8        |
| 4  | CVDN IW #9        |
| 5  | CVDN MID CANAL    |
| 6  | CVDN 14 RESERVOIR |
| 7  |                   |
| 8  |                   |
| 9  |                   |
| 10 |                   |

No. Samples:

6

No of Bottles:

12

Water Type:

☐ Drinking Water☐ Wastewater☒ Ag Water☐ Groundwater☐ Monitoring Well

Other:

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

( ) DWW1: EC, NO<sub>3</sub>-N NH<sub>4</sub>-N Field Test

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DWW2: DWW1 Plus SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>, Cl, Ca, Mg, Na, TDS

(1-1 Liter Plastic, Unpreserved) White Per Sample

(X) DCW1: EC, NO<sub>3</sub>-N, TKN, TN, TDS

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DPW1: EC, NO<sub>3</sub>-N, NH<sub>4</sub>-N, TKN, TDS, TP, TK

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DPW2: DPW1 Plus Ca, Mg, Na, HCO<sub>3</sub>, CO<sub>3</sub>, SO<sub>4</sub>, Cl

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) Other

| Date Sampled | Time Sampled | Rec'd Temp °C | Field NH <sub>4</sub> -N |
|--------------|--------------|---------------|--------------------------|
| 7/25/23      | 1400         | -1.3          | PURGE 245 MIN            |
|              | 1353         | -1.6          |                          |
|              | 1407         | -1.6          |                          |
|              | 1344         | -1.6          |                          |
|              | 1350         | -2.0          |                          |
|              | 1404         | -1.7          |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |
|              |              |               |                          |

IR Thermometer SN: 200560723  
Correction Factor: 0°C  
Calibration Due: 9/26/2023  
Location: Laboratory

## CHAIN OF CUSTODY

| Carrier | Signature    | Company         | Received (Date/Time) | Relinquished (Date/Time) |
|---------|--------------|-----------------|----------------------|--------------------------|
| First   | Alex Riordan | F&R Ag Services | 7/25/23 1407         | 7/25/23                  |
| Second  |              |                 |                      |                          |
| Third   |              |                 |                      |                          |
| Fourth  |              | D L Z           | 7/25/23 15:40        |                          |

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

| Billing Information: |        | Shipping |      |
|----------------------|--------|----------|------|
| Sampling hrs         | \$     | In       |      |
| Miles                | \$     | Out      |      |
| Consulting           |        |          |      |
| Amt Paid             | Rec By | Check #  | Date |

Signature

Sample received in cooler with ice (coolant)

☐ Yes ☐ No



Paste Label I



07/25/23 15:40

23G1837

|   |  |                      |    |    |   |    |    |   |   |   |    |
|---|--|----------------------|----|----|---|----|----|---|---|---|----|
| <b>Shipping Information:</b> Shipped In <input type="checkbox"/> Picked-Up <input type="checkbox"/> Walk In <input checked="" type="checkbox"/> DLI Sampler <input type="checkbox"/> Other <input type="checkbox"/> |  |                      |    |    |   |    |    |   |   |   |    |
| <input type="checkbox"/> Samples re Fridgerated before pick up  |  |                      |    |    | <input type="checkbox"/> Picked up samples placed in Ice chest  |    |    |   |   |   |    |
| <b>Container:</b> Ice Chest <input checked="" type="checkbox"/> Box <input type="checkbox"/> None <input type="checkbox"/>  |  |                      |    |    | <b>Refrigerant:</b> Wet Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> |    |    |   |   |   |    |
| <b>Samples Preserved with HNO<sub>3</sub> or H<sub>2</sub>SO<sub>4</sub> were:</b>  |  |                      |    |    | <input type="checkbox"/> Received Preserved <input type="checkbox"/> Preserved Upon Receipt at Laboratory                       |    |    |   |   |   |    |
| <b>Type of Container(s) Received</b>  |  | <b>Sample Number</b> |    |    |   |    |    |   |   |   |    |
|   |  | 1                    | 2  | 3  | 4   | 5  | 6  | 7 | 8 | 9 | 10 |
| <b>Sample Containers for Internal (DLI) Use</b><br>(Containers that go into the Lab)  |  |                      |    |    |   |    |    |   |   |   |    |
| Plastics  | 100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)   |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL unpreserved (White) Plastic   |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL HNO <sub>3</sub> (Red) Plastic  |                      |    |    |   |    |    |   |   |   |    |
|   | * pH Value   |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic                         | 1                    | 1  | 1  | 1   | 1  | 1  |   |   |   |    |
|   | * pH Value   | 42                   | 42 | 42 | 42  | 42 | 42 |   |   |   |    |
|   | 500 mL unpreserved (White) Plastic   |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L unpreserved (White) Plastic  | 1                    | 1  | 1  | 1   | 1  | 1  |   |   |   |    |
| Special   | 1 L unpreserved (BOD) (Purple) Plastic   |                      |    |    |   |    |    |   |   |   |    |
|   | 500mL unpreserved (White) Glass  |                      |    |    |   |    |    |   |   |   |    |
|   | PO4-P Kit  |                      |    |    |   |    |    |   |   |   |    |
| <b>Other:</b>   |  |                      |    |    |   |    |    |   |   |   |    |
| <b>Sample Containers for Subcontracted ("Send Out") Analyses</b><br>(Containers that go in the Subcontract ("Send Out") Refrigerator)   |  |                      |    |    |   |    |    |   |   |   |    |
| Plastics  | 100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)   |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL unpreserved (White) Plastic   |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL HNO <sub>3</sub> (Red) Plastic  |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic                         |                      |    |    |   |    |    |   |   |   |    |
|   | 500 mL HNO <sub>3</sub> (Red)  |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L unpreserved (White) Plastic  |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L unpreserved (BOD) (Purple) Plastic   |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L HNO <sub>3</sub> (Red)   |                      |    |    |   |    |    |   |   |   |    |
| VOA Vials   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (EPA531)       |                      |    |    |   |    |    |   |   |   |    |
|   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (EPA547)              |                      |    |    |   |    |    |   |   |   |    |
|   | 40mL AG VOA unpreserved (White) (Set of 3)                                     |                      |    |    |   |    |    |   |   |   |    |
|   | 40 mL AG VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3) |                      |    |    |   |    |    |   |   |   |    |
|   | 40mL VOA, H <sub>3</sub> PO <sub>4</sub> (Set of 3)                            |                      |    |    |   |    |    |   |   |   |    |
|   | 40 mL VOA, HCl (Blue) (Set of 3)   |                      |    |    |   |    |    |   |   |   |    |
|   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)    |                      |    |    |   |    |    |   |   |   |    |
|   |  |                      |    |    |   |    |    |   |   |   |    |
| Glass   | 250 mL AG unpreserved (White)  |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL AG H <sub>2</sub> SO <sub>4</sub> (Yellow)                              |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)                |                      |    |    |   |    |    |   |   |   |    |
|   | 250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA                 |                      |    |    |   |    |    |   |   |   |    |
|   | 500 mL glass unpreserved (White)   |                      |    |    |   |    |    |   |   |   |    |
|   | 500 mL AG HCl (Blue)   |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L AG unpreserved (White)   |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L AG H <sub>2</sub> SO <sub>4</sub> (Yellow)                                 |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)                   |                      |    |    |   |    |    |   |   |   |    |
|   | 1 L AG HCl (Blue)  |                      |    |    |   |    |    |   |   |   |    |
| Special   | Cr <sup>VI</sup> - 50mL Plastic w/Borate/HCO <sub>3</sub> /CO <sub>3</sub>     |                      |    |    |   |    |    |   |   |   |    |
|   | Cyanide - 500 mL NaOH  |                      |    |    |   |    |    |   |   |   |    |
|   | Asbestos - 1L P wrapped in foil (Set of 2)                                     |                      |    |    |   |    |    |   |   |   |    |
|   | Sulfide - 1 L AG or P NaOH + ZnAc  |                      |    |    |   |    |    |   |   |   |    |
|   | Chlorite/Bromate - 250 mL AG with EDA  |                      |    |    |   |    |    |   |   |   |    |
|   | HAA5 - 250mL AG Ammonium Chlorite  |                      |    |    |   |    |    |   |   |   |    |
|   | DO KIT   |                      |    |    |   |    |    |   |   |   |    |
|   | <b>Other:</b>  |                      |    |    |   |    |    |   |   |   |    |
| <b>Other:</b>   |  |                      |    |    |   |    |    |   |   |   |    |

pH Strips  
Lot 10BDH4501  
Exp. Jan. 2025





Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

### Samples in this Report

| Lab ID     | Sample         | Matrix     | Sampled By | Crop           | Date Sampled     |
|------------|----------------|------------|------------|----------------|------------------|
| 23G1843-01 | Dom DW House   | Well Water | F & R Ag   | Domestic Wells | 07/25/2023 13:47 |
| 23G1843-02 | Dom DW Barn    | Well Water | F & R Ag   | Domestic Wells | 07/25/2023 13:57 |
| 23G1843-03 | Dom DW Danny's | Well Water | F & R Ag   | Domestic Wells | 07/25/2023 14:10 |

Default Cooler      Temperature on Receipt °C: -0.9  
Containers Intact  
COC/Labels Agree  
Received On Ice

### Notes and Definitions

| Item   | Definition  |
|--------|---|
| H      | Hold Time Exceeded                                    |
| MCL    | Drinking Water Maximum Contaminant Level              |
| ND     | Analyte NOT DETECTED at or above the reporting limit. |
| NES    | Not Enough Sample                                     |
| *      | Not Taken   |
| RPD    | Relative Percent Difference                           |
| %REC   | Percent Recovery                                      |
| Source | Sample that was matrix spiked or duplicated.          |

Laboratory Director/Technical Manager

ELAP Certification #1595  
A2LA Certification #6440.02



Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

## Sample Results

**Sample: Dom DW House**  
**23G1843-01 (Water)**

Sampled: 7/25/2023 13:47

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method     | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.35</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:29     | SM 2510 B  |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>347</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:29     | SM 2510 B  |       | BEG0958 |
| Ammonia (as N)                       | ND          | mg/L     | 0.00            | 1   |        | 07/25/23 13:47     | Field      |       | BEG1185 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>6.4</b>  | mg/L     | 0.1             | 1   | 10     | 07/26/23 02:58     | EPA 300.0  |       | BEG0910 |
| <b>pH</b>                            | <b>7.1</b>  | units    | 1.0             | 1   |        | 07/28/23 14:29     | SM 4500-H+ | H     | BEG0958 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:29     | SM 2510 B  |       | BEG0958 |

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

### Sample Results (Continued)

**Sample: Dom DW Barn**  
**23G1843-02 (Water)**

Sampled: 7/25/2023 13:57

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting Limit | DIL | DW MCL | Date/Time Analyzed | Method     | Notes | Batch   |
|--------------------------------------|-------------|----------|-----------------|-----|--------|--------------------|------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.52</b> | mmhos/cm | 0.01            | 1   |        | 07/28/23 14:31     | SM 2510 B  |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>520</b>  | umhos/cm | 10.0            | 1   |        | 07/28/23 14:31     | SM 2510 B  |       | BEG0958 |
| Ammonia (as N)                       | ND          | mg/L     | 0.00            | 1   |        | 07/25/23 13:57     | Field      |       | BEG1185 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>6.2</b>  | mg/L     | 0.1             | 1   | 10     | 07/26/23 03:18     | EPA 300.0  |       | BEG0910 |
| <b>pH</b>                            | <b>7.7</b>  | units    | 1.0             | 1   |        | 07/28/23 14:31     | SM 4500-H+ | H     | BEG0958 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0             | 1   |        | 07/28/23 14:31     | SM 2510 B  |       | BEG0958 |

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

### Sample Results (Continued)

**Sample: Dom DW Danny's  
23G1843-03 (Water)**

Sampled: 7/25/2023 14:10

Sampled By: F & R Ag

| Analyte                              | Result      | Units    | Reporting<br>Limit | DIL | DW<br>MCL | Date/Time<br>Analyzed | Method     | Notes | Batch   |
|--------------------------------------|-------------|----------|--------------------|-----|-----------|-----------------------|------------|-------|---------|
| <b>Electrical Conductivity</b>       | <b>0.24</b> | mmhos/cm | 0.01               | 1   |           | 07/28/23 14:33        | SM 2510 B  |       | BEG0958 |
| <b>Electrical Conductivity umhos</b> | <b>243</b>  | umhos/cm | 10.0               | 1   |           | 07/28/23 14:33        | SM 2510 B  |       | BEG0958 |
| Ammonia (as N)                       | ND          | mg/L     | 0.00               | 1   |           | 07/25/23 14:10        | Field      |       | BEG1185 |
| <b>Nitrate Nitrogen as NO3N</b>      | <b>0.4</b>  | mg/L     | 0.1                | 1   | 10        | 07/26/23 03:38        | EPA 300.0  |       | BEG0910 |
| <b>pH</b>                            | <b>7.8</b>  | units    | 1.0                | 1   |           | 07/28/23 14:33        | SM 4500-H+ | H     | BEG0958 |
| <b>Temperature</b>                   | <b>25.0</b> | °C       | 0.0                | 1   |           | 07/28/23 14:33        | SM 2510 B  |       | BEG0958 |

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

## Quality Control

| Analyte                               | Result Qual | Reporting Limit           | Units | Spike Level                             | Source Result | %REC | %REC Limits | RPD   | RPD Limit |
|---------------------------------------|-------------|---------------------------|-------|---|---------------|------|-------------|-------|-----------|
| <b>Batch: BEG0910</b>                 |             |                           |       |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK1)</b>           |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK2)</b>           |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>Blank (BEG0910-BLK3)</b>           |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | ND          | 0.1                       | mg/L  |   |               |      |             |       |           |
| <b>LCS (BEG0910-BS1)</b>              |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 5.2         | 0.1                       | mg/L  | 5.000                                   |               | 104  | 90-110      |       |           |
| <b>LCS (BEG0910-BS2)</b>              |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 5.2         | 0.1                       | mg/L  | 5.000                                   |               | 104  | 90-110      |       |           |
| <b>Duplicate (BEG0910-DUP1)</b>       |             | <b>Source: 23G1827-02</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 2.1         | 0.1                       | mg/L  |   | 2.1           |      |             | 0.517 | 10        |
| <b>Duplicate (BEG0910-DUP2)</b>       |             | <b>Source: 23G1843-03</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 0.4         | 0.1                       | mg/L  |   | 0.4           |      |             | 0.911 | 10        |
| <b>Matrix Spike (BEG0910-MS1)</b>     |             | <b>Source: 23G1827-02</b> |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 7.4         | 0.1                       | mg/L  | 5.000                                   | 2.1           | 106  | 90-110      |       |           |
| <b>Matrix Spike (BEG0910-MS2)</b>     |             | <b>Source: 23G1843-03</b> |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 5.7         | 0.1                       | mg/L  | 5.000                                   | 0.4           | 105  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM1)</b>       |             |                           |       | Prepared & Analyzed: 7/25/2023          |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 10.2        |                           | mg/L  | 10.00                                   |               | 102  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM2)</b>       |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 10.3        |                           | mg/L  | 10.00                                   |               | 103  | 90-110      |       |           |
| <b>Reference (BEG0910-SRM3)</b>       |             |                           |       | Prepared: 7/25/2023 Analyzed: 7/26/2023 |               |      |             |       |           |
| Nitrate Nitrogen as NO <sub>3</sub> N | 10.3        |                           | mg/L  | 10.00                                   |               | 103  | 90-110      |       |           |

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

### Quality Control (Continued)

| Analyte                         | Result Qual | Reporting Limit | Units    | Spike Level                             | Source Result | %REC                                    | %REC Limits  | RPD | RPD Limit |
|---------------------------------|-------------|-----------------|----------|---|---------------|---|--------------|-----|-----------|
| <b>Batch: BEG0958</b>           |             |                 |          |   |               |   |              |     |           |
| <b>Blank (BEG0958-BLK1)</b>     |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |   |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |   |               |   |              |     |           |
| pH                              | 5.4         | 1.0             | units    |   |               |   |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |   |               |   |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |   |               |   |              |     |           |
| <b>Blank (BEG0958-BLK2)</b>     |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |   |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |   |               |   |              |     |           |
| pH                              | 7.2         | 1.0             | units    |   |               |   |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |   |               |   |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |   |               |   |              |     |           |
| <b>Blank (BEG0958-BLK3)</b>     |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          | Prepared: 7/26/2023 Analyzed: 7/28/2023 |               |   |              |     |           |
| pH                              | 7.2         | 1.0             | units    |   |               |   |              |     |           |
| Electrical Conductivity         | ND          | 0.01            | mmhos/cm |   |               |   |              |     |           |
| Electrical Conductivity umhos   | ND          | 10.0            | umhos/cm |   |               |   |              |     |           |
| Temperature                     | 25.0        | 0.0             | °C       |   |               |   |              |     |           |
| <b>Duplicate (BEG0958-DUP1)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          | <b>Source: 23G1840-02</b>               |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| pH                              | 7.5         | 1.0             | units    |   | 7.5           |   | 0.266        | 10  |           |
| Electrical Conductivity         | 1.09        | 0.01            | mmhos/cm |   | 1.10          |   | 0.630        | 10  |           |
| Electrical Conductivity umhos   | 1090        | 10.0            | umhos/cm |   | 1100          |   | 0.630        | 10  |           |
| <b>Duplicate (BEG0958-DUP2)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          | <b>Source: 23G1852-01</b>               |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| Electrical Conductivity         | 2.40        | 0.01            | mmhos/cm |   | 2.38          |   | 0.766        | 10  |           |
| pH                              | 7.5         | 1.0             | units    |   | 7.4           |   | 0.268        | 10  |           |
| Electrical Conductivity umhos   | 2400        | 10.0            | umhos/cm |   | 2380          |   | 0.766        | 10  |           |
| <b>Reference (BEG0958-SRM1)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| Electrical Conductivity         | 587         |                 | umhos/cm | 538.0                                   |               | 109                                     | 90-110       |     |           |
| <b>Reference (BEG0958-SRM2)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| pH                              | 5.8         |                 | units    | 5.820                                   |               | 100                                     | 28178-101.7: |     |           |
| <b>Reference (BEG0958-SRM3)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| Electrical Conductivity         | 1090        |                 | umhos/cm | 1000                                    |               | 109                                     | 90-110       |     |           |
| <b>Reference (BEG0958-SRM4)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| Electrical Conductivity         | 1100        |                 | umhos/cm | 1000                                    |               | 110                                     | 90-110       |     |           |
| <b>Reference (BEG0958-SRM5)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |
| Electrical Conductivity         | 1100        |                 | umhos/cm | 1000                                    |               | 110                                     | 90-110       |     |           |
| <b>Reference (BEG0958-SRM6)</b> |             |                 |          |   |               |   |              |     |           |
|                                 |             |                 |          |   |               | Prepared: 7/26/2023 Analyzed: 7/28/2023 |              |     |           |

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Costa View Dairy North  
9499 Ave 20  
Chowchilla, CA 93610

Account# 00-0016563  
Account Manager: Ben Nydam  
Submitted By: Larry Pietrowski

Received: 07/25/2023 15:40  
Reported: 08/01/2023 12:46

Quality Control  
(Continued)

| Analyte                           | Result Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|-----------------------------------|-------------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| <b>Batch: BEG0958 (Continued)</b> |             |                 |       |             |               |      |             |     |           |
| <b>Reference (BEG0958-SRM6)</b>   |             |                 |       |             |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000       |               | 100  | 97.5-102.5  |     |           |
| <b>Reference (BEG0958-SRM7)</b>   |             |                 |       |             |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000       |               | 100  | 97.5-102.5  |     |           |
| <b>Reference (BEG0958-SRM8)</b>   |             |                 |       |             |               |      |             |     |           |
| pH                                | 4.0         |                 | units | 4.000       |               | 100  | 97.5-102.5  |     |           |

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07/25/23 15:40

23G1843

## DELLAVALLE LABORATORY, INC.

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

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

Purchase Order No

Bill To:

Acct #

Cons #

Results Need By

Name: Costa View Dairy North

Address: 16800 Road 15

City: Madera

State: CA

Zip: 93637

Telephone:

Fax:

Cell/Email: gnam.costaviewfarms@gmail.com

COPY TO: ariordan@fragservices.com

REQUESTED BY: Larry Pietrowski

PROJECT:

CROP: DOMESTIC WELLS

[X] Copy of Chain [X] QA/QC Documents

Sampled By:

F&amp;R AG

## Description of Samples

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

DOM DW HOUSE

DOM DW BARN

DOM DW DANNY'S

No. Samples:

3

No of Bottles:

3

Water Type:

☒ Drinking Water☐ Wastewater☐ Ag Water☐ Groundwater☐ Monitoring Well

Other:

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

(✓) DWW1: EC, NO<sub>3</sub>-N NH<sub>4</sub>-N Field Test

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DWW2: DWW1 Plus SO<sub>4</sub>, CO<sub>3</sub>, HCO<sub>3</sub>, Cl, Ca, Mg, Na, TDS

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DCW1: EC, NO<sub>3</sub>-N, TKN, TN, TDS

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DPW1: EC, NO<sub>3</sub>-N, NH<sub>4</sub>-N, TKN, TDS, TP, TK

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) DPW2: DPW1 Plus Ca, Mg, Na, HCO<sub>3</sub>, CO<sub>3</sub>, SO<sub>4</sub>, Cl

(1-1 Liter Plastic, Unpreserved) White Per Sample

( ) Other

Date  
SampledTime  
SampledRec'd  
Temp °CField NH<sub>4</sub>-NPURGE  
30 min

7/25/23

1347

-0.9

↓

1357

-1.3

↓

1410

-1.5

↓

IR Thermometer SN: 200560723  
Correction Factor: 0°C  
Calibration Due: 9/26/2023  
Location: Laboratory

## CHAIN OF CUSTODY

| Carrier | Signature    | Company         | Received (Date/Time) | Relinquished (Date/Time) |
|---------|--------------|-----------------|----------------------|--------------------------|
| First   | Alex Riordan | F&R Ag Services | 7/25/23 1410         | 7/25/23                  |
| Second  |              |                 |                      |                          |
| Third   |              |                 |                      |                          |
| Fourth  |              | DLI             | 7/25/23 15:40        |                          |

I guarantee that as the client, or on behalf of client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable attorneys' fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged.

Terms are net 30 days; overdue accounts will be charged a liquidated damage fee of 2% per month (annually 24%) or \$5.00 per month whichever is greater.

If payment is not made when due and a legitimate dispute exists concerning the product or services of Dellavalle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternative to Litigation, Inc. (cal). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration through cal under its Rules and Procedures. The parties will equally bear the costs of mediation/arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, reasonable attorneys' fees of Dellavalle Laboratory.

## Billing Information:

Sampling hrs \$ In  
Miles \$ Out  
Consulting

| Amt Paid | Rec By | Check # | Date |
|----------|--------|---------|------|
|          |        |         |      |

Signature

Sample received in cooler with ice (coolant)

[ ] Yes [ ] No



P:



07/25/23 15:40

23G1843

| <b>Shipping Information:</b> Shipped In <input type="checkbox"/> Picked-Up <input type="checkbox"/> Walk In <input checked="" type="checkbox"/> DLI Sampler <input type="checkbox"/> Other <input type="checkbox"/> |  |               |   |   |   |   |   |   |   |   |    |
|---|--|---------------|---|---|---|---|---|---|---|---|----|
| <input type="checkbox"/> Samples reffrigerated before pick up   |  |               |   |   | <input type="checkbox"/> Picked up samples placed in Ice chest  |   |   |   |   |   |    |
| <b>Container:</b> Ice Chest <input checked="" type="checkbox"/> Box <input type="checkbox"/> None <input type="checkbox"/>  |  |               |   |   | <b>Refrigerant:</b> Wet Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/> |   |   |   |   |   |    |
| <b>Samples Preserved with HNO<sub>3</sub> or H<sub>2</sub>SO<sub>4</sub> were:</b> <input type="checkbox"/> Received Preserved <input type="checkbox"/> Preserved Upon Receipt at Laboratory                        |  |               |   |   |   |   |   |   |   |   |    |
| Type of Container(s) Received   |  | Sample Number |   |   |   |   |   |   |   |   |    |
|   |  | 1             | 2 | 3 | 4   | 5 | 6 | 7 | 8 | 9 | 10 |
| <b>Sample Containers for Internal (DLI) Use</b><br><i>(Containers that go into the Lab)</i>   |  |               |   |   |   |   |   |   |   |   |    |
| Plastics  | 100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)   |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL unpreserved (White) Plastic   |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL HNO <sub>3</sub> (Red) Plastic  |               |   |   |   |   |   |   |   |   |    |
|   | * pH Value   |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic                         |               |   |   |   |   |   |   |   |   |    |
|   | * pH Value   |               |   |   |   |   |   |   |   |   |    |
|   | 500 mL unpreserved (White) Plastic   |               |   |   |   |   |   |   |   |   |    |
| Special   | 1 L unpreserved (White) Plastic  |               |   |   |   |   |   |   |   |   |    |
|   | 1 L unpreserved (BOD) (Purple) Plastic   |               |   |   |   |   |   |   |   |   |    |
|   | 500mL unpreserved (White) Glass  |               |   |   |   |   |   |   |   |   |    |
|   | PO4-P Kit  |               |   |   |   |   |   |   |   |   |    |
| <b>Sample Containers for Subcontracted ("Send Out") Analyses</b><br><i>(Containers that go in the Subcontract ("Send Out") Refrigerator)</i>  |  |               |   |   |   |   |   |   |   |   |    |
| Plastics  | 100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)   |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL unpreserved (White) Plastic   |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL HNO <sub>3</sub> (Red) Plastic  |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic                         |               |   |   |   |   |   |   |   |   |    |
|   | 500 mL HNO <sub>3</sub> (Red)  |               |   |   |   |   |   |   |   |   |    |
|   | 1 L unpreserved (White) Plastic  |               |   |   |   |   |   |   |   |   |    |
|   | 1 L unpreserved (BOD) (Purple) Plastic   |               |   |   |   |   |   |   |   |   |    |
| VOA Vials   | 1 L HNO <sub>3</sub> (Red)   |               |   |   |   |   |   |   |   |   |    |
|   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (EPA531)       |               |   |   |   |   |   |   |   |   |    |
|   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (EPA547)              |               |   |   |   |   |   |   |   |   |    |
|   | 40mL AG VOA unpreserved (White) (Set of 3)                                     |               |   |   |   |   |   |   |   |   |    |
|   | 40 mL AG VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3) |               |   |   |   |   |   |   |   |   |    |
|   | 40mL VOA, H <sub>3</sub> PO <sub>4</sub> (Set of 3)                            |               |   |   |   |   |   |   |   |   |    |
|   | 40 mL VOA, HCl (Blue) (Set of 3)   |               |   |   |   |   |   |   |   |   |    |
| Glass   | 40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)    |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL AG unpreserved (White)  |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL AG H <sub>2</sub> SO <sub>4</sub> (Yellow)                              |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)                |               |   |   |   |   |   |   |   |   |    |
|   | 250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA                 |               |   |   |   |   |   |   |   |   |    |
|   | 500 mL glass unpreserved (White)   |               |   |   |   |   |   |   |   |   |    |
|   | 500 mL AG HCl (Blue)   |               |   |   |   |   |   |   |   |   |    |
|   | 1 L AG unpreserved (White)   |               |   |   |   |   |   |   |   |   |    |
|   | 1 L AG H <sub>2</sub> SO <sub>4</sub> (Yellow)                                 |               |   |   |   |   |   |   |   |   |    |
| Special   | 1 L AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)                   |               |   |   |   |   |   |   |   |   |    |
|   | 1 L AG HCl (Blue)  |               |   |   |   |   |   |   |   |   |    |
|   | Cr <sup>6+</sup> - 50mL Plastic w/Borate/HCO <sub>3</sub> /CO <sub>3</sub>     |               |   |   |   |   |   |   |   |   |    |
|   | Cyanide - 500 mL NaOH  |               |   |   |   |   |   |   |   |   |    |
|   | Asbestos - 1L P wrapped in foil (Set of 2)                                     |               |   |   |   |   |   |   |   |   |    |
|   | Sulfide - 1 L AG or P NaOH + ZnAc  |               |   |   |   |   |   |   |   |   |    |
|   | Chlorite/Bromate - 250 mL AG with EDA  |               |   |   |   |   |   |   |   |   |    |
| HAA5 - 250mL AG Ammonium Chlorite   |  |               |   |   |   |   |   |   |   |   |    |
| DO KIT  |  |               |   |   |   |   |   |   |   |   |    |
| Other:  |  |               |   |   |   |   |   |   |   |   |    |
| Other:  |  |               |   |   |   |   |   |   |   |   |    |

pH Strips  
Lot 10BDH4501  
Exp. Jan. 2025