

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:** Eden-Vale Dairy

Physical address of dairy:

6944 21 1/2 AVE

Number and Street

Lemoore

City

Kings

County

93245

Zip Code

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

Date facility was originally placed in operation: 01/01/1955Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

X004-X110-X013-XXXX X004-X110-X015-XXXX**B. OPERATORS**

Bhajal, Sukhvinder

Operator name: Bhajal, Sukhvinder

Telephone no.:

(559) 827-6835

Landline

Cellular

5120 W Cypress AVE

Mailing Address Number and Street

Visalia

City

CA

State

93277

Zip Code

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

Bhajal, Sukhvinder

Legal owner name: Bhajal, Sukhvinder

Telephone no.:

(559) 827-6835

Landline

Cellular

5120 W Cypress AVE

Mailing Address Number and Street

Visalia

City

CA

State

93277

Zip Code

This owner is responsible for paying permit fees.

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AVAILABLE NUTRIENTS

A. HERD INFORMATION

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

Predominant milk cow breed: Holstein

Average milk production: 1 pounds per cow per day

B. MANURE GENERATED

Total manure excreted by the herd: 1.00 tons per reporting period

Total nitrogen from manure: 1.00 lbs per reporting period After ammonia losses (30% loss applied): 0.70 lbs per reporting period

Total phosphorus from manure: 1.00 lbs per reporting period

Total potassium from manure: 1.00 lbs per reporting period

Total salt from manure: 0.00 lbs per reporting period

C. PROCESS WASTEWATER GENERATED

Process wastewater generated: gallons

Total nitrogen generated: lbs

Total phosphorus generated: lbs

Total potassium generated: lbs

Total salt generated: lbs

+ 0 gallons applied

- 0 gallons exported

= 0 gallons imported

= 0 gallons generated

D. FRESH WATER SOURCES

Source Description	Type
Canal	Surface water
IW 1	Ground water
IW 2	Ground water
IW 3	Ground water
IW 4	Ground water

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Source Description	Type
IW 9	Ground water

E. SUBSURFACE (TILE) DRAINAGE SOURCES

No subsurface (tile) drainage sources entered.

F. NUTRIENT IMPORTS

No dry manure nutrient imports entered.

No process wastewater nutrient imports entered.

Date	Material type / Description	Quantity	Reporting basis	Moisture (%)	N (%)	P (%)	K (%)	Salt (%)
05/08/2023	Solid commercial fertilizer 16-16-16	10.59 ton	Dry-weight	0.1	16.000000	16.000000	16.000000	0.000000

Material type	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Commercial fertilizer / Other	3,385.41	3,385.41	3,385.41	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Total imports for all materials	3,385.41	3,385.41	3,385.41	0.00

G. NUTRIENT EXPORTS

No solid nutrient exports entered.

No liquid nutrient exports entered.

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APPLICATION AREA

A. LIST OF LAND APPLICATION AREAS

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
1 (Ramos)	19	19	1	none	X004-X110-X013-XXXX
2 (North 40)	37	37	1	none	X004-X110-X014-XXXX
3 (East 18)	18	18	1	none	X004-X110-X015-XXXX
4 (16 Field)	16	16	1	none	X004-X110-X015-XXXX
8 (Furtado North)	23	23	1	none	X004-X161-X004-XXXX
Totals for areas that were used for application					
Totals for areas that were not used for application	113	113	5		
Land application area totals	113	113	5		

B. CROPS AND HARVESTS

1 (Ramos)

Field name: 1 (Ramos)

09/01/2022: Pistachios

Crop: PistachiosAcres planted: 19Plant date: 09/01/2022

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	0.01 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	2.50	140.00	15.00	125.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

2 (North 40)

Field name: 2 (North 40)

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09/01/2022: Pistachios

Crop: Pistachios Acres planted: 37 Plant date: 09/01/2022

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	0.01 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	2.50	140.00	15.00	125.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

3 (East 18)Field name: 3 (East 18)

09/01/2022: Pistachios

Crop: Pistachios Acres planted: 18 Plant date: 09/01/2022

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	0.01 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	2.50	140.00	15.00	125.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

4 (16 Field)Field name: 4 (16 Field)

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09/01/2022: Pistachios

Crop: Pistachios Acres planted: 16 Plant date: 09/01/2022

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	0.01 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	2.50	140.00	15.00	125.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

8 (Furtado North)Field name: 8 (Furtado North)

09/01/2022: Pistachios

Crop: Pistachios Acres planted: 23 Plant date: 09/01/2022

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	0.01 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	2.50	140.00	15.00	125.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

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NUTRIENT BUDGET**A. LAND APPLICATIONS****1 (Ramos) - 09/01/2022: Pistachios**

Field name: 1 (Ramos)

Crop: Pistachios

Plant date: 09/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application			Precipitation 24 hours following	
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
16-16-16		Solid commercial fertilizer	30.00	30.00	30.00	0.00	
Canal		Surface water	15.27	0.00	0.00	740.23	8,870,400.00 <i>gal</i>
Application event totals			45.27	30.00	30.00	740.23	

2 (North 40) - 09/01/2022: Pistachios

Field name: 2 (North 40)

Crop: Pistachios

Plant date: 09/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application			Precipitation 24 hours following	
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
16-16-16		Solid commercial fertilizer	30.00	30.00	30.00	0.00	
Canal		Surface water	15.59	0.00	0.00	755.63	17,633,280.00 <i>gal</i>
Application event totals			45.59	30.00	30.00	755.63	

3 (East 18) - 09/01/2022: Pistachios

Field name: 3 (East 18)

Crop: Pistachios

Plant date: 09/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
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Application date	Application method	Precipitation 24 hours prior	Precipitation during application				Precipitation 24 hours following
05/10/2023	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
16-16-16		Solid commercial fertilizer	30.00	30.00	30.00	0.00	
Canal		Surface water	15.34	0.00	0.00	743.47	8,440,320.00 <i>gal</i>
Application event totals			45.34	30.00	30.00	743.47	

4 (16 Field) - 09/01/2022: PistachiosField name: **4 (16 Field)**Crop: **Pistachios**Plant date: **09/01/2022**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application				Precipitation 24 hours following
05/11/2023	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
16-16-16		Solid commercial fertilizer	30.00	30.00	30.00	0.00	
Canal		Surface water	15.17	0.00	0.00	735.19	7,418,880.00 <i>gal</i>
Application event totals			45.17	30.00	30.00	735.19	

8 (Furtado North) - 09/01/2022: PistachiosField name: **8 (Furtado North)**Crop: **Pistachios**Plant date: **09/01/2022**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
05/12/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation

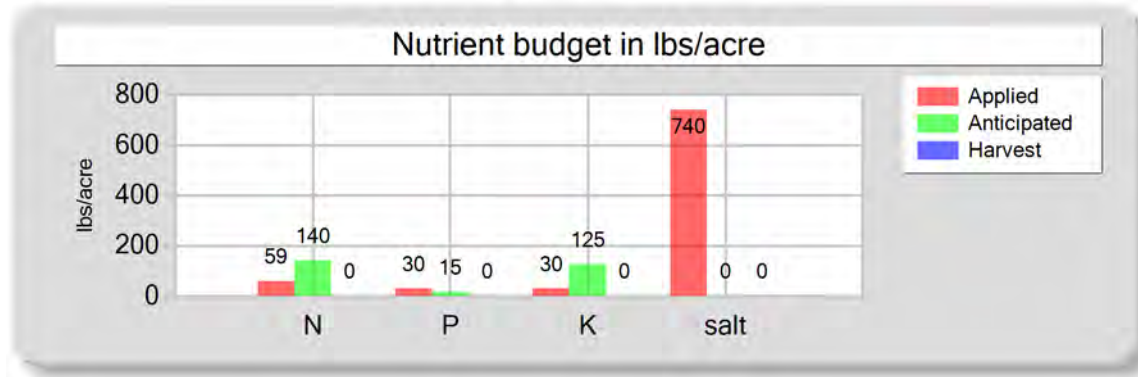
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
16-16-16	Solid commercial fertilizer	30.00	30.00	30.00	0.00	
Canal	Surface water	15.52	0.00	0.00	752.33	10,913,280.00 <i>gal</i>
Application event totals		45.52	30.00	30.00	752.33	

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B. NUTRIENT BUDGET

1 (Ramos) - 09/01/2022: Pistachios

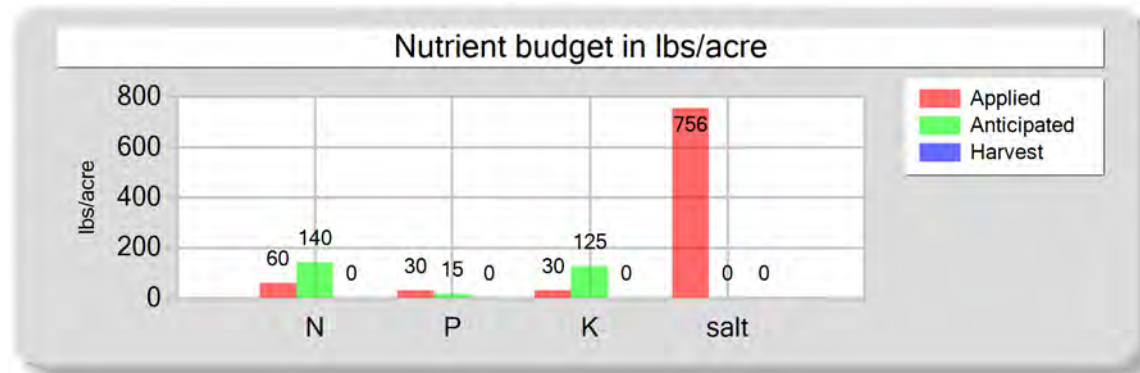
Field name: 1 (Ramos)Crop: PistachiosPlant date: 09/01/2022

	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)	Fresh water applied
Existing soil nutrient content	0.00	0.00	0.00	0.00	8,870,400.00 <i>gallons</i>
Plowdown credit	0.00	0.00	0.00	0.00	326.67 <i>acre-inches</i>
Commercial fertilizer / Other	30.00	30.00	30.00	0.00	17.19 <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	15.27	0.00	0.00	740.23	
Atmospheric deposition	14.00	0.00	0.00	0.00	
Total nutrients applied	59.27	30.00	30.00	740.23	
Anticipated crop nutrient removal	140.00	15.00	125.00	0.00	
Actual crop nutrient removal	0.00	0.00	0.00	0.00	
Nutrient balance	59.27	30.00	30.00	740.23	
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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2 (North 40) - 09/01/2022: Pistachios

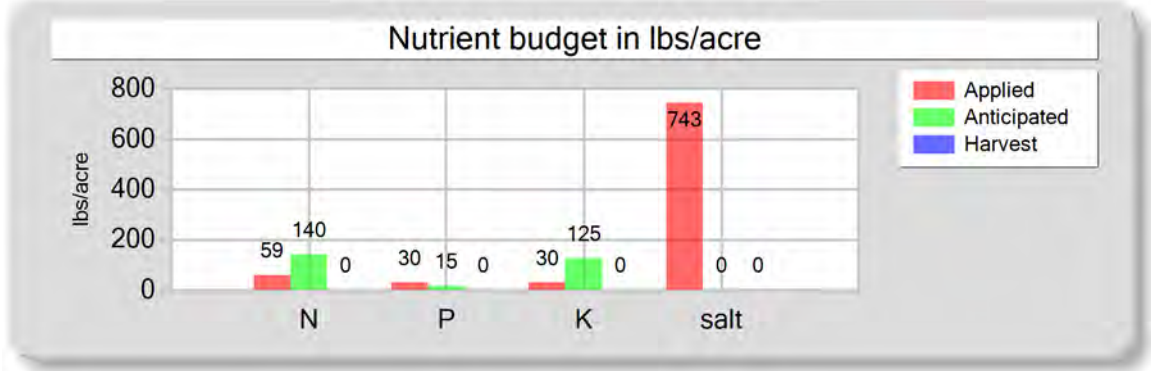
Field name: 2 (North 40)Crop: PistachiosPlant date: 09/01/2022

	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)	Fresh water applied
Existing soil nutrient content	0.00	0.00	0.00	0.00	17,633,280.00 <i>gallons</i>
Plowdown credit	0.00	0.00	0.00	0.00	649.37 <i>acre-inches</i>
Commercial fertilizer / Other	30.00	30.00	30.00	0.00	17.55 <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	15.59	0.00	0.00	755.63	
Atmospheric deposition	14.00	0.00	0.00	0.00	
Total nutrients applied	59.59	30.00	30.00	755.63	
Anticipated crop nutrient removal	140.00	15.00	125.00	0.00	
Actual crop nutrient removal	0.00	0.00	0.00	0.00	
Nutrient balance	59.59	30.00	30.00	755.63	
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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3 (East 18) - 09/01/2022: Pistachios

Field name: 3 (East 18) Crop: Pistachios Plant date: 09/01/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)	Fresh water applied
Existing soil nutrient content	0.00	0.00	0.00	0.00	8,440,320.00 gallons
Plowdown credit	0.00	0.00	0.00	0.00	310.83 acre-inches
Commercial fertilizer / Other	30.00	30.00	30.00	0.00	17.27 inches/acre
Dry manure	0.00	0.00	0.00	0.00	
Process wastewater	0.00	0.00	0.00	0.00	
Fresh water	15.34	0.00	0.00	743.47	
Atmospheric deposition	14.00	0.00	0.00	0.00	
Total nutrients applied	59.34	30.00	30.00	743.47	
Anticipated crop nutrient removal	140.00	15.00	125.00	0.00	
Actual crop nutrient removal	0.00	0.00	0.00	0.00	
Nutrient balance	59.34	30.00	30.00	743.47	
Applied to removed ratio	0.00	0.00	0.00	0.00	

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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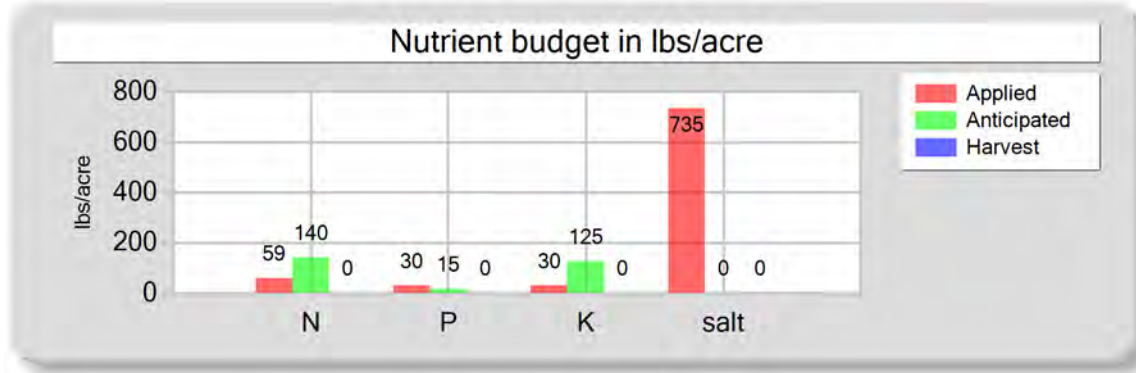
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4 (16 Field) - 09/01/2022: Pistachios

Field name: 4 (16 Field)

Crop: Pistachios

Plant date: 09/01/2022



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	30.00	30.00	30.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	15.17	0.00	0.00	735.19
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	59.17	30.00	30.00	735.19
Anticipated crop nutrient removal	140.00	15.00	125.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	59.17	30.00	30.00	735.19
Applied to removed ratio	0.00	0.00	0.00	0.00

Fresh water applied
7,418,880.00 <i>gallons</i>
273.21 <i>acre-inches</i>
17.08 <i>inches/acre</i>

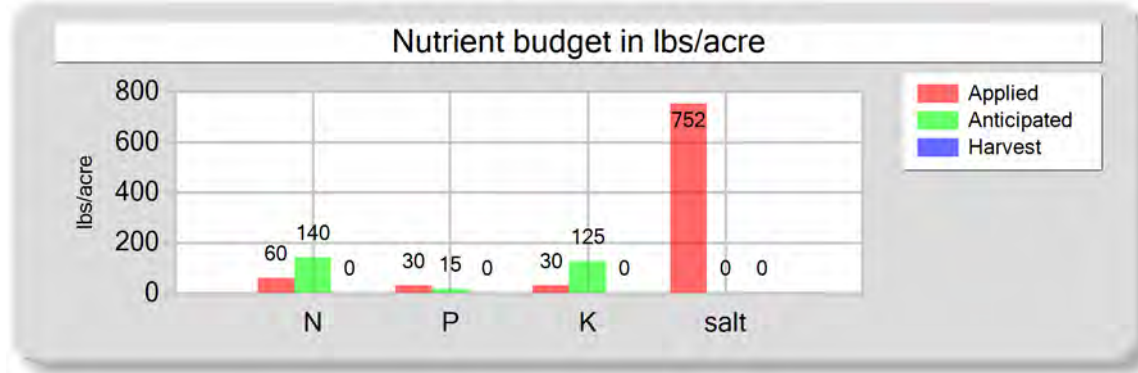
Process wastewater applied
0.00 <i>gallons</i>
0.00 <i>acre-inches</i>
0.00 <i>inches/acre</i>

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

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8 (Furtado North) - 09/01/2022: Pistachios

Field name: 8 (Furtado North)Crop: PistachiosPlant date: 09/01/2022

	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)	Fresh water applied
Existing soil nutrient content	0.00	0.00	0.00	0.00	10,913,280.00 <i>gallons</i>
Plowdown credit	0.00	0.00	0.00	0.00	401.90 <i>acre-inches</i>
Commercial fertilizer / Other	30.00	30.00	30.00	0.00	17.47 <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	15.52	0.00	0.00	752.33	
Atmospheric deposition	14.00	0.00	0.00	0.00	
Total nutrients applied	59.52	30.00	30.00	752.33	
Anticipated crop nutrient removal	140.00	15.00	125.00	0.00	
Actual crop nutrient removal	0.00	0.00	0.00	0.00	
Nutrient balance	59.52	30.00	30.00	752.33	
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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NUTRIENT ANALYSES**A. MANURE ANALYSES****Compost**Sample and source description: CompostSample date: 02/07/2023 Material type: Compost Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 28.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	19,900.00	4,600.00	15,500.00							0.00
DL	100.00	100.00	100.00							0.01

Drying SolidsSample and source description: Drying SolidsSample date: 04/18/2023 Material type: Compost Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 52.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	26,500.00	5,600.00	7,400.00	19,500.00	7,100.00	2,500.00	7,300.00	1,000.00		58.60
DL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	1,000.00		0.01

Drying SolidsSample and source description: Drying SolidsSample date: 10/03/2023 Material type: Compost Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 23.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	27,000.00	6,700.00	12,400.00							0.00
DL	100.00	100.00	100.00							0.01

B. PROCESS WASTEWATER ANALYSES

No process wastewater analyses entered.

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	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	3.92	0.00	3.90								274.00	190
DL	1.00	0.50	0.10								10.00	10

IW 1**Ag Supply Well**Sample description: Ag Supply WellSample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	3.70	0.00	3.70								265.00	182
DL	1.00	0.50	0.10								10.00	10

IW 2**Ag Supply Well**Sample description: Ag Supply WellSample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	4.06	0.00	4.06								289.00	195
DL	1.00	0.50	0.10								10.00	10

Annual Report - General Order No. R5-2007-0035*Reporting period 01/01/2023 to 12/31/2023.***IW 3****Ag Supply Well**Sample description: Ag Supply WellSample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	4.75	0.00	4.75								322.00	213
DL	1.00	0.50	0.10								10.00	10

IW 4**Ag Supply Well**Sample description: Ag Supply WellSample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	1.33	0.00	0.00								311.00	240
DL	1.00	0.50	0.10								10.00	10

IW 9**Ag Supply Well**Sample description: Ag Supply WellSample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	4.33	0.00	3.90								292.00	205
DL	1.00	0.50	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.***1 (Ramos)****Soil**Sample and source description: SoilSample date: 11/30/2021 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value			87.00				
DL			2.00				

2 (North 40)**Soil**Sample and source description: SoilSample date: 11/30/2021 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value			35.00				
DL			2.00				

3 (East 18)**Soil**Sample and source description: SoilSample date: 11/30/2021 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value			77.00				
DL			2.00				

4 (16 Field)

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

4 (16 Field)

Soil

Sample and source description: Soil

Sample date: 11/30/2021 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value			56.00				
DL			2.00				

8 (Furtado North)

Soil

Sample and source description: Soil

Sample date: 11/30/2021 Source of analysis: Lab analysis

	Nitrate-N (mg/kg)	Total P (mg/kg)	Soluble P (mg/kg)	K (mg/kg)	EC (µmhos/cm)	Organic matter (%)	Total salt (mg/kg)
Value			26.00				
DL			2.00				

E. PLANT TISSUE ANALYSES

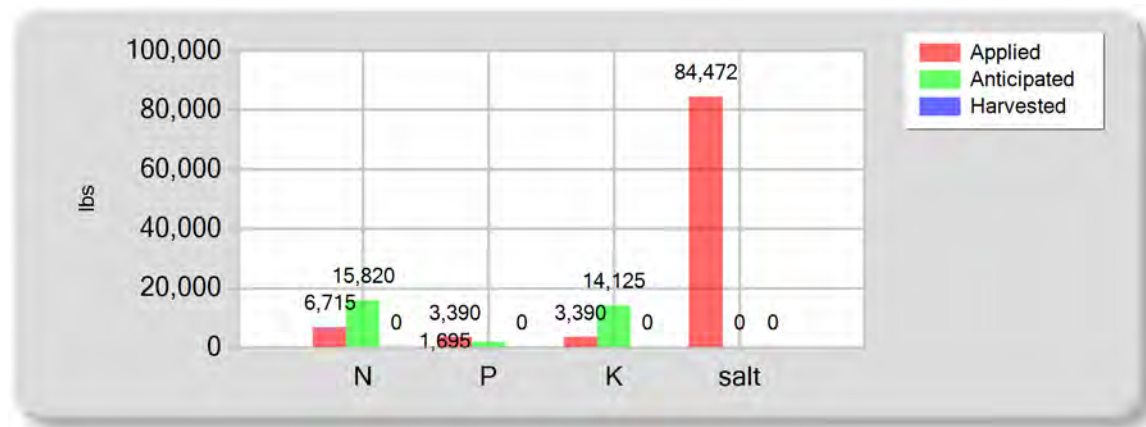
No plant tissue analyses entered.

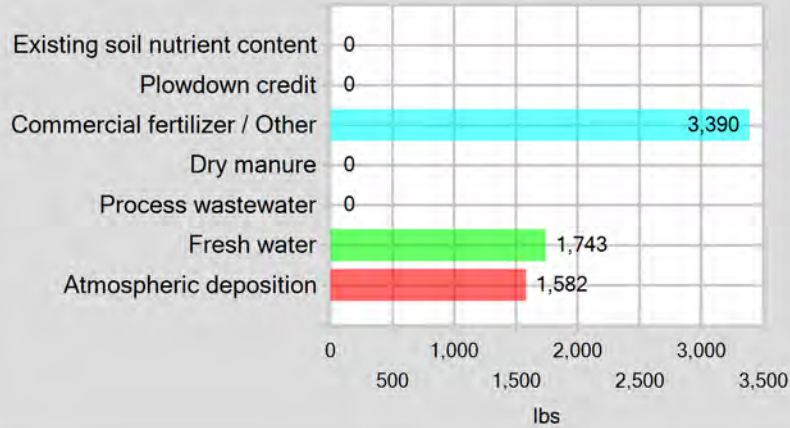
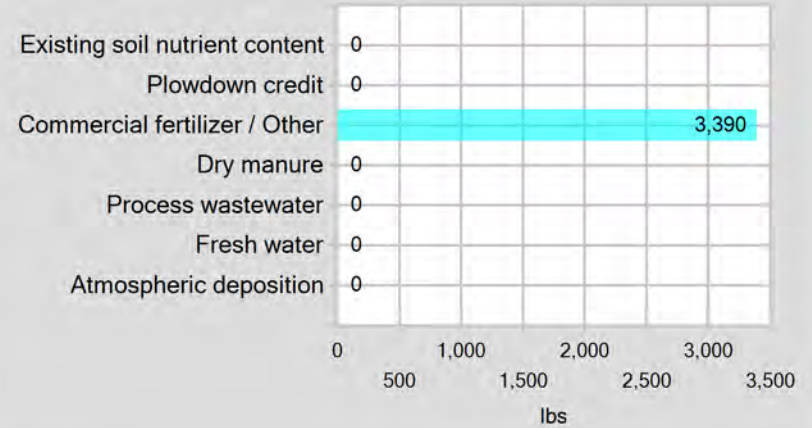
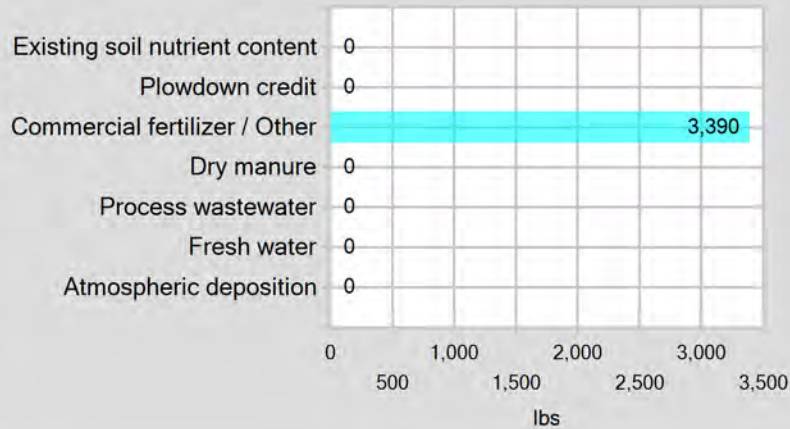
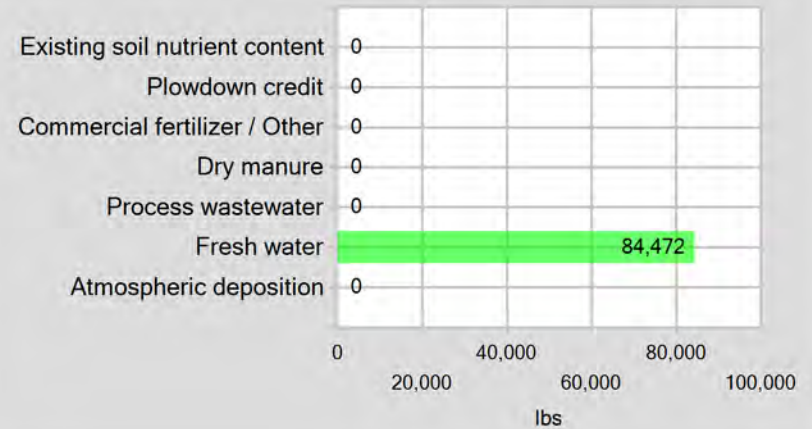
F. SUBSURFACE (TILE) DRAINAGE ANALYSES

No subsurface (tile) drainage analyses entered.

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

	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	3,390.00	3,390.00	3,390.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	1,742.79	0.00	0.00	84,472.02
Atmospheric deposition	1,582.00	0.00	0.00	0.00
Total nutrients applied	6,714.79	3,390.00	3,390.00	84,472.02
Anticipated crop nutrient removal	15,820.00	1,695.00	14,125.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	6,714.79	3,390.00	3,390.00	84,472.02
Applied to removed ratio	0.00	0.00	0.00	0.00

B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL

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

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

ADDITIONAL NOTES

A. NOTES

Irrigation wells were not utilized during 2023 due to excessive amounts of rain during the winter season. However, all irrigation wells were still sampled. Surface water was at 100% allocation and therefore was the only irrigation source used during the 2023 cropping season.

No animals on site in 2023, with all animals being removed July 2022. Since July 2022, the owner of the facility has been cleaning and deconstructing the facility for closure. All ponds have been cleaned out and barns have been removed. Most manure on the facility was removed Fall of 2022 and early 2023. All crops were removed spring 2022 and planted in Pistachios Summer of 2022. Field 9 was not part of the sale of Eden Vale Dairy and no longer associated with the facility.

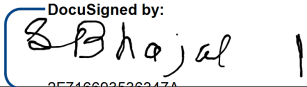
No wastewater samples were taken in 2023 due to no wastewater generation because of the closure process of the dairy. No water available for sampling.

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:


<div>SIGNATURE OF OWNER OF FACILITY</div> <div>Sukhvinder Bhajal</div> <div>PRINT OR TYPE NAME</div> <div>6/14/2024</div> <div>DATE</div>	<div>SIGNATURE OF OPERATOR OF FACILITY</div> <div>SAME AS OWNER</div> <div>PRINT OR TYPE NAME</div> <div>DATE</div>
-------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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.



Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23I1497-01	Pump 1	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 8:16
23I1497-02	Pump 2	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 8:23
23I1497-03	Pump 3	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 8:27
23I1497-04	Pump 4	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 8:36
23I1497-05	Pump 9	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 8:43
23I1497-06	Canal	Ag Water	Sukhvinder Bhajal	Irrigation Wells/Canal	09/22/2023 9:50

Default Cooler Temperature on Receipt °C: -0.3
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

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results

Sample: Pump 1
23I1497-01 (Water)

Sampled: 9/22/2023 8:16
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.27	mmhos/cm	0.01	1		09/26/23 12:06	SM 2510 B		BEI0862
Electrical Conductivity umhos	265	umhos/cm	10.0	1		09/26/23 12:06	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	3.7	mg/L	0.1	1	10	09/22/23 18:56	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:06	SM 4500-H+	H	BEI0862
pH	7.9	units	1.0	1		09/26/23 12:06	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	182	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/27/23 10:06	SM 4500-NH3 C		BEI0904
Total Nitrogen	3.70	mg/L	1.00	1		09/27/23 10:06	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results (Continued)

Sample: Pump 2
23I1497-02 (Water)

Sampled: 9/22/2023 8:23
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.29	mmhos/cm	0.01	1		09/26/23 12:07	SM 2510 B		BEI0862
Electrical Conductivity umhos	289	umhos/cm	10.0	1		09/26/23 12:07	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	4.1	mg/L	0.1	1	10	09/22/23 19:16	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:07	SM 4500-H+	H	BEI0862
pH	7.9	units	1.0	1		09/26/23 12:07	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	195	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/27/23 10:08	SM 4500-NH3 C		BEI0904
Total Nitrogen	4.06	mg/L	1.00	1		09/27/23 10:08	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results (Continued)

Sample: Pump 3
23I1497-03 (Water)

Sampled: 9/22/2023 8:27
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.32	mmhos/cm	0.01	1		09/26/23 12:09	SM 2510 B		BEI0862
Electrical Conductivity umhos	322	umhos/cm	10.0	1		09/26/23 12:09	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	4.8	mg/L	0.1	1	10	09/22/23 19:36	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:09	SM 4500-H+	H	BEI0862
pH	7.8	units	1.0	1		09/26/23 12:09	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	213	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/27/23 10:09	SM 4500-NH3 C		BEI0904
Total Nitrogen	4.75	mg/L	1.00	1		09/27/23 10:09	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results (Continued)

Sample: Pump 4
23I1497-04 (Water)

Sampled: 9/22/2023 8:36
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.31	mmhos/cm	0.01	1		09/26/23 12:10	SM 2510 B		BEI0862
Electrical Conductivity umhos	311	umhos/cm	10.0	1		09/26/23 12:10	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	ND	mg/L	0.1	1	10	09/22/23 19:56	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:10	SM 4500-H+	H	BEI0862
pH	7.2	units	1.0	1		09/26/23 12:10	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	240	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	1.33	mg/L	1.00	1		09/27/23 10:10	SM 4500-NH3 C		BEI0904
Total Nitrogen	1.33	mg/L	1.00	1		09/27/23 10:10	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results (Continued)

Sample: Pump 9
23I1497-05 (Water)

Sampled: 9/22/2023 8:43
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.29	mmhos/cm	0.01	1		09/26/23 12:11	SM 2510 B		BEI0862
Electrical Conductivity umhos	292	umhos/cm	10.0	1		09/26/23 12:11	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	4.1	mg/L	0.1	1	10	09/22/23 20:16	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:11	SM 4500-H+	H	BEI0862
pH	7.6	units	1.0	1		09/26/23 12:11	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	205	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/27/23 10:12	SM 4500-NH3 C		BEI0904
Total Nitrogen	4.33	mg/L	1.00	1		09/27/23 10:12	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Sample Results (Continued)

Sample: Canal
23I1497-06 (Water)

Sampled: 9/22/2023 9:50
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.27	mmhos/cm	0.01	1		09/26/23 12:12	SM 2510 B		BEI0862
Electrical Conductivity umhos	274	umhos/cm	10.0	1		09/26/23 12:12	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	3.9	mg/L	0.1	1	10	09/22/23 20:36	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:12	SM 4500-H+	H	BEI0862
pH	7.9	units	1.0	1		09/26/23 12:12	SM 4500-H+	H	BEI0862
Total Filterable Solids (TDS)	190	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/27/23 10:13	SM 4500-NH3 C		BEI0904
Total Nitrogen	3.92	mg/L	1.00	1		09/27/23 10:13	SM 4500-NH3 C		BEI0904

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0835									
Blank (BEI0835-BLK1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
Blank (BEI0835-BLK2)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
Blank (BEI0835-BLK3)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
LCS (BEI0835-BS1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	5.1	0.1	mg/L	5.000		101	90-110		
LCS (BEI0835-BS2)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	5.0	0.1	mg/L	5.000		101	90-110		
Duplicate (BEI0835-DUP1)				Source: 23I1497-01		Prepared & Analyzed: 9/22/2023			
Nitrate Nitrogen as NO ₃ N	3.7	0.1	mg/L		3.7			1.02	10
Duplicate (BEI0835-DUP2)				Source: 23I1501-02		Prepared & Analyzed: 9/23/2023			
Nitrate Nitrogen as NO ₃ N	2.9	0.1	mg/L		2.9			0.582	10
Matrix Spike (BEI0835-MS1)				Source: 23I1497-01		Prepared & Analyzed: 9/22/2023			
Nitrate Nitrogen as NO ₃ N	8.7	0.1	mg/L	5.000	3.7	100	90-110		
Matrix Spike (BEI0835-MS2)				Source: 23I1501-02		Prepared & Analyzed: 9/23/2023			
Nitrate Nitrogen as NO ₃ N	8.0	0.1	mg/L	5.000	2.9	102	90-110		
Reference (BEI0835-SRM1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	10.0		mg/L	10.00		100	90-110		
Reference (BEI0835-SRM2)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	10.1		mg/L	10.00		101	90-110		
Reference (BEI0835-SRM3)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	10.1		mg/L	10.00		101	90-110		

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0860									
Blank (BEI0860-BLK1)									
Total Filterable Solids (TDS)	ND	10.0	mg/L	Prepared: 9/25/2023		Analyzed: 9/26/2023			
LCS (BEI0860-BS1)									
Total Filterable Solids (TDS)	25.0	10.0	mg/L	2000		1.25	0-200		
Duplicate (BEI0860-DUP1)									
Total Filterable Solids (TDS)	190	10.0	mg/L	Prepared: 9/25/2023		Analyzed: 9/26/2023		0.00	10
Duplicate (BEI0860-DUP2)									
Total Filterable Solids (TDS)	1260	10.0	mg/L	Prepared: 9/25/2023		Analyzed: 9/26/2023		0.797	10
Reference (BEI0860-SRM1)									
Total Filterable Solids (TDS)	330		mg/L	325.0		102	90-110		

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Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0862									
Blank (BEI0862-BLK1)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	4.7	1.0	units						
Blank (BEI0862-BLK2)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.7	1.0	units						
Blank (BEI0862-BLK3)				Prepared & Analyzed: 9/26/2023					
Temperature	25.0	0.0	units						
Electrical Conductivity	ND	0.01	mmhos/cm						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.8	1.0	units						
Duplicate (BEI0862-DUP1)				Source: 23I1497-01		Prepared & Analyzed: 9/26/2023			
Electrical Conductivity	0.26	0.01	mmhos/cm		0.27		0.757	10	
Electrical Conductivity umhos	263	10.0	umhos/cm		265		0.757	10	
pH	8.0	1.0	units		7.9		0.630	10	
Duplicate (BEI0862-DUP2)				Source: 23I1504-01		Prepared & Analyzed: 9/26/2023			
Electrical Conductivity	1.02	0.01	mmhos/cm		1.02		0.177	10	
pH	7.7	1.0	units		7.6		0.261	10	
Electrical Conductivity umhos	1020	10.0	umhos/cm		1020		0.177	10	
Reference (BEI0862-SRM1)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	534		umhos/cm	538.0		99.2	90-110		
Reference (BEI0862-SRM2)				Prepared & Analyzed: 9/26/2023					
pH	5.1		units	5.000		102	98-102		
Reference (BEI0862-SRM3)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1010		umhos/cm	1000		101	90-110		
Electrical Conductivity umhos	1010		umhos/cm	1000		101	90-110		
Reference (BEI0862-SRM4)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1010		umhos/cm	1000		101	90-110		
Electrical Conductivity umhos	1010		umhos/cm	1000		101	90-110		
Reference (BEI0862-SRM5)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1020		umhos/cm	1000		102	90-110		

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Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/29/2023 12:09

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0862 (Continued)									
Reference (BEI0862-SRM5)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity umhos	1020		umhos/cm	1000		102	90-110		
Reference (BEI0862-SRM6)				Prepared & Analyzed: 9/26/2023					
pH	4.0		units	4.000		101	97.5-102.5		
Reference (BEI0862-SRM7)				Prepared & Analyzed: 9/26/2023					
pH	4.1		units	4.000		102	97.5-102.5		
Reference (BEI0862-SRM8)				Prepared & Analyzed: 9/26/2023					
pH	4.1		units	4.000		102	97.5-102.5		

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Received: 09/22/2023 14:00
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Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0904									
Blank (BEI0904-BLK1)				Prepared: 9/26/2023 Analyzed: 9/27/2023					
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
Blank (BEI0904-BLK2)				Prepared: 9/26/2023 Analyzed: 9/27/2023					
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
LCS (BEI0904-BS1)				Prepared: 9/26/2023 Analyzed: 9/27/2023					
Kjeldahl Nitrogen (TKN), Total	5.97	1.00	mg/L	5.709		105	90-110		
LCS (BEI0904-BS2)				Prepared: 9/26/2023 Analyzed: 9/27/2023					
Kjeldahl Nitrogen (TKN), Total	6.03	1.00	mg/L	5.709		106	90-110		
Duplicate (BEI0904-DUP1)				Source: 23I1433-07		Prepared: 9/26/2023 Analyzed: 9/27/2023			
Kjeldahl Nitrogen (TKN), Total	ND	1.40	mg/L		ND				10
Duplicate (BEI0904-DUP2)				Source: 23I1435-04		Prepared: 9/26/2023 Analyzed: 9/27/2023			
Kjeldahl Nitrogen (TKN), Total	ND	1.40	mg/L		ND				10
Matrix Spike (BEI0904-MS1)				Source: 23I1433-07		Prepared: 9/26/2023 Analyzed: 9/27/2023			
Kjeldahl Nitrogen (TKN), Total	9.18	1.40	mg/L	7.992	ND	115	90-110		
Matrix Spike (BEI0904-MS2)				Source: 23I1435-04		Prepared: 9/26/2023 Analyzed: 9/27/2023			
Kjeldahl Nitrogen (TKN), Total	7.99	1.40	mg/L	7.992	ND	100	90-110		
Reference (BEI0904-SRM1)				Prepared: 9/26/2023 Analyzed: 9/27/2023					
Kjeldahl Nitrogen (TKN), Total	23.6		mg/L	23.80		99.2	90-110		

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09/22/23 14:00

2311497

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:

15001

08

Acct #

Cons #

Results Need By

Name: Eden Vale Dairy

Address: 6944 21 1/2 Avenue

City: Lemoore

State: CA

Zip: 93245

Telephone:

Fax:

Cell/Email: jakederaadt/janiesustaita@gmail.com

COPY TO: ariordan@fragservices.com

REQUESTED BY: Jake DeRaadt

PROJECT:

CROP: IRRIGATION WELLS/CANAL

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

Sampled By: SUKHAVINDER BHAJAL

No. Samples:

6

No of Bottles:

Water Type:

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

Other:

Analysis and Bottles Required: (Please indicate Analysis)

() DWW1: EC, NO₃-N NH₄-N Field Test

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

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

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

() DCW1: EC, NO₃-N, TKN, TN, TDS

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

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

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

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

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

() Other

Description of Samples

1
2
3
4
5
6
7
8
9
10PUMP 1
PUMP 2
PUMP 3
PUMP 4
PUMP 9
CANALDate
SampledTime
SampledRec'd
Temp °CField NH₄-N Purple

9/22/23

0816

-0.3

245mm

↓

0823

-0.8

↓

0827

-1.3

↓

0836

-1.3

↓

0843

-1.7

↓

0950

-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	9/22/23 1210	9/22/23
Second				
Third				
Fourth	VB	DCI	9.22.23 1400	

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.

Shipping Information:

Sampling hrs	\$	In
Miles	\$	Out
Consulting		
Armt Paid	Rec By	Check #
	Date	

Signature

Sample received in cooler with ice (coolant)

☐ Yes ☐ No

09/22/23 14:00

23I1497



Shipping Information: 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									
Container: Ice Chest <input checked="" type="checkbox"/> Box <input type="checkbox"/> None <input type="checkbox"/>					Refrigerant: Wet Ice <input checked="" type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/>									
Samples Preserved with HNO₃ or H₂SO₄ were:					<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
Sample Containers for Internal (DLI) Use <i>(Containers that go into the Lab)</i>														
Plastics	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)													
	250 mL unpreserved (White) Plastic													
	250 mL HNO ₃ (Red) Plastic													
	* pH Value													
	250 mL H ₂ SO ₄ (Yellow) Plastic													
	* pH Value	12	12	12	12	12	12							
	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													
	PO ₄ -P Kit													
	Other:													
Sample Containers for Subcontracted ("Send Out") Analyses <i>(Containers that go in the Subcontract ("Send Out") Refrigerator)</i>														
Plastics	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)													
	250 mL unpreserved (White) Plastic													
	250 mL HNO ₃ (Red) Plastic													
	250 mL H ₂ SO ₄ (Yellow) Plastic													
	500 mL HNO ₃ (Red)													
	1 L unpreserved (White) Plastic													
	1 L unpreserved (BOD) (Purple) Plastic													
	1 L HNO ₃ (Red)													
VOA Vials	40 mL VOA, Na ₂ S ₂ O ₃ + MCAA (EPA531)													
	40 mL VOA, Na ₂ S ₂ O ₃ (EPA547)													
	40mL AG VOA unpreserved (White) (Set of 3)													
	40 mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)													
	40mL VOA, H ₃ PO ₄ (Set of 3)													
	40 mL VOA, HCl (Blue) (Set of 3)													
	40 mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)													
Glass	250 mL AG unpreserved (White)													
	250 mL AG H ₂ SO ₄ (Yellow)													
	250 mL AG Na ₂ S ₂ O ₃ (Green)													
	250 mL AG Na ₂ S ₂ O ₃ + MCAA													
	500 mL glass unpreserved (White)													
	500 mL AG HCl (Blue)													
	1 L AG unpreserved (White)													
	1 L AG H ₂ SO ₄ (Yellow)													
	1 L AG Na ₂ S ₂ O ₃ (Green)													
	1 L AG HCl (Blue)													
Special	Cr ⁶⁺ - 50mL Plastic w/Borate/HCO ₃ /CO ₃													
	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:													



Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
2311501-01	Dom Well #1	Drinking Water	Sukhvinder Bhajal	Domestic Wells	09/22/2023 8:59
2311501-02	Dom Well #2	Drinking Water	Sukhvinder Bhajal	Domestic Wells	09/22/2023 9:20
2311501-03	Dom Well House	Drinking Water	Sukhvinder Bhajal	Domestic Wells	09/22/2023 9:43

Default Cooler Temperature on Receipt °C: -1.6
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

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Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Sample Results

Sample: Dom Well #1
23I1501-01 (Water)

Sampled: 9/22/2023 8:59
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.30	mmhos/cm	0.01	1		09/26/23 12:19	SM 2510 B		BEI0862
Electrical Conductivity umhos	304	umhos/cm	10.0	1		09/26/23 12:19	SM 2510 B		BEI0862
Ammonia (as N)	ND	mg/L	0.00	1		09/22/23 08:59	Field		BEI1014
Nitrate Nitrogen as NO3N	4.6	mg/L	0.1	1	10	09/23/23 00:14	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:19	SM 4500-H+	H	BEI0862
pH	7.8	units	1.0	1		09/26/23 12:19	SM 4500-H+	H	BEI0862

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Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Sample Results (Continued)

Sample: Dom Well #2
23I1501-02 (Water)

Sampled: 9/22/2023 9:20
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.22	mmhos/cm	0.01	1		09/26/23 12:20	SM 2510 B		BEI0862
Electrical Conductivity umhos	216	umhos/cm	10.0	1		09/26/23 12:20	SM 2510 B		BEI0862
Ammonia (as N)	ND	mg/L	0.00	1		09/22/23 09:20	Field		BEI1014
Nitrate Nitrogen as NO3N	2.9	mg/L	0.1	1	10	09/23/23 00:34	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:20	SM 4500-H+	H	BEI0862
pH	8.0	units	1.0	1		09/26/23 12:20	SM 4500-H+	H	BEI0862

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Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Sample Results (Continued)

Sample: Dom Well House
23I1501-03 (Water)

Sampled: 9/22/2023 9:43
Sampled By: Sukhvinder Bhajal

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	0.22	mmhos/cm	0.01	1		09/26/23 12:21	SM 2510 B		BEI0862
Electrical Conductivity umhos	225	umhos/cm	10.0	1		09/26/23 12:21	SM 2510 B		BEI0862
Ammonia (as N)	ND	mg/L	0.00	1		09/22/23 09:43	Field		BEI1014
Nitrate Nitrogen as NO3N	3.1	mg/L	0.1	1	10	09/23/23 00:54	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:21	SM 4500-H+	H	BEI0862
pH	8.0	units	1.0	1		09/26/23 12:21	SM 4500-H+	H	BEI0862

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Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0835									
Blank (BEI0835-BLK1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
Blank (BEI0835-BLK2)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
Blank (BEI0835-BLK3)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	ND	0.1	mg/L						
LCS (BEI0835-BS1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	5.1	0.1	mg/L	5.000		101	90-110		
LCS (BEI0835-BS2)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	5.0	0.1	mg/L	5.000		101	90-110		
Duplicate (BEI0835-DUP1)				Source: 23I1497-01		Prepared & Analyzed: 9/22/2023			
Nitrate Nitrogen as NO ₃ N	3.7	0.1	mg/L		3.7			1.02	10
Duplicate (BEI0835-DUP2)				Source: 23I1501-02		Prepared & Analyzed: 9/23/2023			
Nitrate Nitrogen as NO ₃ N	2.9	0.1	mg/L		2.9			0.582	10
Matrix Spike (BEI0835-MS1)				Source: 23I1497-01		Prepared & Analyzed: 9/22/2023			
Nitrate Nitrogen as NO ₃ N	8.7	0.1	mg/L	5.000	3.7	100	90-110		
Matrix Spike (BEI0835-MS2)				Source: 23I1501-02		Prepared & Analyzed: 9/23/2023			
Nitrate Nitrogen as NO ₃ N	8.0	0.1	mg/L	5.000	2.9	102	90-110		
Reference (BEI0835-SRM1)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	10.0		mg/L	10.00		100	90-110		
Reference (BEI0835-SRM2)				Prepared & Analyzed: 9/22/2023					
Nitrate Nitrogen as NO ₃ N	10.1		mg/L	10.00		101	90-110		
Reference (BEI0835-SRM3)				Prepared & Analyzed: 9/23/2023					
Nitrate Nitrogen as NO ₃ N	10.1		mg/L	10.00		101	90-110		

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Eden-Vale Dairy
6944 21 1/2 Ave
Lemoore, CA 93245

Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0862									
Blank (BEI0862-BLK1)				Prepared & Analyzed: 9/26/2023					
Temperature	25.0	0.0	units						
Electrical Conductivity	ND	0.01	mmhos/cm						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	4.7	1.0	units						
Blank (BEI0862-BLK2)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.7	1.0	units						
Blank (BEI0862-BLK3)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.8	1.0	units						
Duplicate (BEI0862-DUP1)				Source: 2311497-01		Prepared & Analyzed: 9/26/2023			
Electrical Conductivity	0.26	0.01	mmhos/cm		0.27		0.757	10	
pH	8.0	1.0	units		7.9		0.630	10	
Electrical Conductivity umhos	263	10.0	umhos/cm		265		0.757	10	
Duplicate (BEI0862-DUP2)				Source: 2311504-01		Prepared & Analyzed: 9/26/2023			
Electrical Conductivity	1.02	0.01	mmhos/cm		1.02		0.177	10	
Electrical Conductivity umhos	1020	10.0	umhos/cm		1020		0.177	10	
pH	7.7	1.0	units		7.6		0.261	10	
Reference (BEI0862-SRM1)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	534		umhos/cm	538.0		99.2	90-110		
Reference (BEI0862-SRM2)				Prepared & Analyzed: 9/26/2023					
pH	5.1		units	5.000		102	98-102		
Reference (BEI0862-SRM3)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1010		umhos/cm	1000		101	90-110		
Electrical Conductivity umhos	1010		umhos/cm	1000		101	90-110		
Reference (BEI0862-SRM4)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1010		umhos/cm	1000		101	90-110		
Electrical Conductivity umhos	1010		umhos/cm	1000		101	90-110		
Reference (BEI0862-SRM5)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity	1020		umhos/cm	1000		102	90-110		

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Eden-Vale Dairy
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Account# 00-0015001
Account Manager: Ben Nydam
Submitted By: Jake De Raadt

Received: 09/22/2023 14:00
Reported: 09/27/2023 15:46

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0862 (Continued)									
Reference (BEI0862-SRM5)				Prepared & Analyzed: 9/26/2023					
Electrical Conductivity umhos	1020		umhos/cm	1000		102	90-110		
Reference (BEI0862-SRM6)				Prepared & Analyzed: 9/26/2023					
pH	4.0		units	4.000		101	97.5-102.5		
Reference (BEI0862-SRM7)				Prepared & Analyzed: 9/26/2023					
pH	4.1		units	4.000		102	97.5-102.5		
Reference (BEI0862-SRM8)				Prepared & Analyzed: 9/26/2023					
pH	4.1		units	4.000		102	97.5-102.5		

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09/22/23 14:00

2311501

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: Eden Vale Dairy

Address: 6944 21 1/2 Avenue

City: Lemoore

State: CA

Zip: 93245

Telephone:

Fax:

Cell/Email: jakederaadt/janiesustaita@gmail.com

COPY TO: ariordan@fragservices.com

REQUESTED BY: Jake DeRaadt

PROJECT:

CROP: DOMESTIC WELLS

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

Sampled By:

SUKHVINDER BHAJAL

Description of Samples

1	Dom Well #1
2	Dom Well #2
3	Dom Well House
4	
5	
6	
7	
8	
9	
10	

No. Samples:

3

No of Bottles:

Water Type:

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

Other:

Analysis and Bottles Required: (Please indicate Analysis)

() DWW1: EC, NO₃-N NH₄-N Field Test

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

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

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

() DCW1: EC, NO₃-N, TKN, TN, TDS

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

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

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

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

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

() Other

Date Sampled	Time Sampled	Rec'd Temp °C	Field NH ₄ -N	PURGE
9/22/23	0859	-1.6	0	30 min
↓	0920	-1.7	0	↓
↓	0943	0.4	0	↓

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	9/22/23 1210	9/22/23
Second				
Third				
Fourth				

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. It, 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.

Invoice Information:

Sampling hrs	\$	In
Miles	\$	Out
Consulting		
Amt Paid	Rec By	Check #
		Date

Shipping

Signature

Sample received in cooler with ice (coolant)

☐ Yes ☐ No



09/22/23 14:00

2311501

Shipping Information: Shipped In <input type="checkbox"/> Picked-Up <input type="checkbox"/> Walk In <input 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						
Container: Ice Chest <input type="checkbox"/> Box <input type="checkbox"/> None <input type="checkbox"/>					Refrigerant: Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/>						
Samples Preserved with HNO₃ or H₂SO₄ were:					<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
Sample Containers for Internal (DLI) Use (Containers that go into the Lab)											
Plastics	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)										
	250 mL unpreserved (White) Plastic										
	250 mL HNO ₃ (Red) Plastic										
	* pH Value										
	250 mL H ₂ SO ₄ (Yellow) Plastic										
	* pH Value										
	500 mL unpreserved (White) Plastic										
	1 L unpreserved (White) Plastic										
Special	1 L unpreserved (BOD) (Purple) Plastic										
	500mL unpreserved (White) Glass										
	PO ₄ -P Kit										
Sample Containers for Subcontracted ("Send Out") Analyses (Containers that go in the Subcontract ("Send Out") Refrigerator)											
Plastics	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)										
	250 mL unpreserved (White) Plastic										
	250 mL HNO ₃ (Red) Plastic										
	250 mL H ₂ SO ₄ (Yellow) Plastic										
	500 mL HNO ₃ (Red)										
	1 L unpreserved (White) Plastic										
	1 L unpreserved (BOD) (Purple) Plastic										
	1 L HNO ₃ (Red)										
VOA Vials	40 mL VOA, Na ₂ S ₂ O ₃ + MCAA (EPA531)										
	40 mL VOA, Na ₂ S ₂ O ₃ (EPA547)										
	40mL AG VOA unpreserved (White) (Set of 3)										
	40 mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)										
	40mL VOA, H ₃ PO ₄ (Set of 3)										
	40 mL VOA, HCl (Blue) (Set of 3)										
	40 mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)										
Glass	250 mL AG unpreserved (White)										
	250 mL AG H ₂ SO ₄ (Yellow)										
	250 mL AG Na ₂ S ₂ O ₃ (Green)										
	250 mL AG Na ₂ S ₂ O ₃ + MCAA										
	500 mL glass unpreserved (White)										
	500 mL AG HCl (Blue)										
	1 L AG unpreserved (White)										
	1 L AG H ₂ SO ₄ (Yellow)										
	1 L AG Na ₂ S ₂ O ₃ (Green)										
Special	1 L AG HCl (Blue)										
	Cr ^{VI} - 50mL Plastic w/Borate/HCO ₃ /CO ₃										
	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:											