

**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:** LaSalle Dairy

Physical address of dairy:

10663 7 1/2 AVE

Number and Street

Firebaugh

City

Madera

County

93622

Zip Code

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

Date facility was originally placed in operation: 01/01/2003

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

County Assessor Parcel Number(s) for dairy facility:

0042-0072-0004-0000

**B. OPERATORS**

LaSalle, Robert

Operator name: LaSalle, Robert

Telephone no.: (559) 659-1944

Landline

Cellular

10663 Avenue 7 1/2

Firebaugh

CA

93622

Mailing Address Number and Street

City

State

Zip Code

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

**C. OWNERS**

LaSalle, Joanne

Legal owner name: LaSalle, Joanne

Telephone no.: (559) 659-1944

Landline

Cellular

10663 Avenue 7 1/2

Firebaugh

CA

93622

Mailing Address Number and Street

City

State

Zip Code

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LaSalle, Robert

Legal owner name: <u>LaSalle, Robert</u>	Telephone no.: <u>(559) 659-1944</u>
	Landline
10663 Avenue 7 1/2	Cellular
Mailing Address Number and Street	Firebaugh
	CA
	City
	State
	Zip Code

**This owner is responsible for paying permit fees.**

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

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	Heifers (7-14 mo. to breeding)	Calves (4-6 mo.)	Calves (0-3 mo.)
Number open confinement	670	82	305	195	85	0
Number under roof	0	0	0	0	0	0
Maximum number	680	88	315	200	110	0
Average number	370	82	305	195	85	0
Avg live weight (lbs)	1,400	1,450	1,000	750		

Predominant milk cow breed: Holstein

Average milk production: 96 pounds per cow per day

**B. MANURE GENERATED**

Total manure excreted by the herd: 17,186.40 tons per reporting period

Total nitrogen from manure: 205,610.64 lbs per reporting period

After ammonia losses (30% loss applied): 143,927.45 lbs per reporting period

Total phosphorus from manure: 34,034.56 lbs per reporting period

Total potassium from manure: 77,178.75 lbs per reporting period

Total salt from manure: 193,070.40 lbs per reporting period

**C. PROCESS WASTEWATER GENERATED**

Process wastewater generated: 9,000,000 gallons

Total nitrogen generated: 19,001.57 lbs

Total phosphorus generated: 2,957.63 lbs

Total potassium generated: 39,069.62 lbs

Total salt generated: 220,207.86 lbs

9,000,000 gallons applied
+ 0 gallons exported
- 0 gallons imported
= 9,000,000 gallons generated

**D. FRESH WATER SOURCES**

Source Description	Type
Domestic Well #1	Ground water
Domestic Well #2	Ground water
Irrigation Well	Ground water

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**E. SUBSURFACE (TILE) DRAINAGE SOURCES**

*No subsurface (tile) drainage sources entered.*

**F. NUTRIENT IMPORTS**

*No dry manure nutrient imports entered.*

*No process wastewater nutrient imports entered.*

*No commercial or other nutrient imports entered.*

**G. NUTRIENT EXPORTS**

Date	Material type	Quantity	Reporting basis	Moisture (%)	Density (lbs/cu ft)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
06/09/2023	Corral solids	2,475.00 ton	Dry-weight	36.5		25,900.00	12,500.00	28,900.00		0.00

*No liquid nutrient exports entered.*

Material type	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Dry manure	81,410.18	39,290.63	90,839.93	0.00
Process wastewater	0.00	0.00	0.00	0.00
Total exports for all materials	81,410.18	39,290.63	90,839.93	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
Field #1	75	70	2	both	0041-0221-0003-0000
Field #2	75	70	2	both	0042-0072-0004-0000
Totals for areas that were used for application	150	140	4		
Totals for areas that were not used for application					
Land application area totals	150	140	4		

**B. CROPS AND HARVESTS****Field #1**

Field name: Field #1

11/01/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 70      Plant date: 11/01/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/12/2023	1,038.00 ton	Dry-weight		61.3	15,400.00	2,300.00	17,100.00		10.10

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	176.00	27.20	132.80	960.00
Total actual harvest content	14.83	176.75	26.40	196.26	1,159.21

06/28/2023: Corn, silage

Crop: Corn, silage      Acres planted: 70      Plant date: 06/28/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
10/19/2023	1,389.00 ton	Dry-weight		68.5	15,000.00	2,900.00	19,400.00		9.30

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	26.00	234.00	39.00	171.60	1,040.00
Total actual harvest content	19.84	187.52	36.25	242.52	1,162.59

**Field #2**

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**Field #2**

Field name: Field #2

11/03/2022: Wheat, silage, soft dough

Crop: Wheat, silage, soft dough      Acres planted: 70      Plant date: 11/03/2022

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
05/15/2023	1,091.00 ton	Dry-weight		59.4	18,000.00	2,500.00	21,900.00		9.60

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	176.00	27.20	132.80	960.00
Total actual harvest content	15.59	227.80	31.64	277.16	1,214.94

06/30/2023: Corn, silage

Crop: Corn, silage      Acres planted: 70      Plant date: 06/30/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
10/19/2023	1,583.00 ton	Dry-weight		68.5	15,000.00	2,900.00	19,400.00		9.30

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	26.00	234.00	39.00	171.60	1,040.00
Total actual harvest content	22.61	213.71	41.32	276.39	1,324.97

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**NUTRIENT BUDGET**

**A. LAND APPLICATIONS**

Field #1 - 11/01/2022: Wheat, silage, soft dough

Field name: Field #1

Crop: Wheat, silage, soft dough Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application			Precipitation 24 hours following
11/06/2022	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
Manure Application	Corral solids	132.98	64.18	148.38	0.00	283.00 ton
Application event totals		132.98	64.18	148.38	0.00	
01/10/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	30.47	4.15	58.15	332.61	900,000.00 gal
Application event totals		30.47	4.15	58.15	332.61	
03/07/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	30.47	4.15	58.15	332.61	900,000.00 gal
Application event totals		30.47	4.15	58.15	332.61	
03/31/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	20.71	3.87	46.67	263.94	900,000.00 gal
Application event totals		20.71	3.87	46.67	263.94	
04/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Irrigation Well	Ground water	17.67	0.00	0.00	0.00	19,008,000.00 gal
Application event totals		17.67	0.00	0.00	0.00	

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Field #1 - 11/01/2022: Wheat, silage, soft dough

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following
04/28/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Blended Lg and Fresh Water Application	Process wastewater	6.90	1.29	15.56	87.98
Application event totals		6.90	1.29	15.56	87.98

Field #1 - 06/28/2023: Corn, silage

Field name: Field #1

Crop: Corn, silage

Plant date: 06/28/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following
06/05/2023	Broadcast/incorporate	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Manure Application	Corral solids	93.65	22.23	80.17	0.00
Application event totals		93.65	22.23	80.17	0.00
07/14/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29
Irrigation Well	Ground water	9.64	0.00	0.00	0.00
Application event totals		18.65	1.49	19.35	107.29
07/28/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Irrigation Well	Ground water	8.03	0.00	0.00	0.00
Application event totals		8.03	0.00	0.00	0.00

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Field #1 - 06/28/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
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
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	9.64	0.00	0.00	0.00	10,368,000.00 gal
Application event totals		18.65	1.49	19.35	107.29	
08/23/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		17.05	1.49	19.35	107.29	
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
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		17.05	1.49	19.35	107.29	
09/15/2023	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
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		8.03	0.00	0.00	0.00	
09/26/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		17.05	1.49	19.35	107.29	

Field #2 - 11/03/2022: Wheat, silage, soft dough

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Field #2 - 11/03/2022: Wheat, silage, soft dough

Field name: Field #2

Crop: Wheat, silage, soft dough

Plant date: 11/03/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
11/07/2022	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
Manure Application	Corral solids	132.51	63.95	147.86	0.00	282.00 ton
Application event totals		132.51	63.95	147.86	0.00	
01/27/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	20.31	2.77	38.77	221.74	600,000.00 gal
Application event totals		20.31	2.77	38.77	221.74	
02/05/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	20.31	2.77	38.77	221.74	600,000.00 gal
Application event totals		20.31	2.77	38.77	221.74	
02/20/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	10.16	1.38	19.38	110.87	300,000.00 gal
Application event totals		10.16	1.38	19.38	110.87	
03/01/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Blended Lg and Fresh Water Application	Process wastewater	10.16	1.38	19.38	110.87	300,000.00 gal
Application event totals		10.16	1.38	19.38	110.87	

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Field #2 - 11/03/2022: Wheat, silage, soft dough

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following
04/08/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Lagoon Water Application	Process wastewater	13.81	2.58	31.11	175.96
Irrigation Well	Ground water	17.67	0.00	0.00	0.00
Application event totals		31.48	2.58	31.11	175.96

Field #2 - 06/30/2023: Corn, silage

Field name: Field #2

Crop: Corn, silage

Plant date: 06/30/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following
06/05/2023	Broadcast/incorporate	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Manure Application	Corral solids	93.65	22.23	80.17	0.00
Application event totals		93.65	22.23	80.17	0.00
07/04/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29
Irrigation Well	Ground water	14.46	0.00	0.00	0.00
Application event totals		23.47	1.49	19.35	107.29
07/20/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29
Irrigation Well	Ground water	12.85	0.00	0.00	0.00
Application event totals		21.87	1.49	19.35	107.29

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Field #2 - 06/30/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
08/02/2023	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
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	12.85	0.00	0.00	0.00	13,824,000.00 gal
Application event totals		21.87	1.49	19.35	107.29	
08/16/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	11.25	0.00	0.00	0.00	12,096,000.00 gal
Application event totals		20.26	1.49	19.35	107.29	
08/28/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	9.64	0.00	0.00	0.00	10,368,000.00 gal
Application event totals		18.65	1.49	19.35	107.29	
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
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		17.05	1.49	19.35	107.29	
09/19/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Lagoon Water Application	Process wastewater	9.01	1.49	19.35	107.29	300,000.00 gal
Irrigation Well	Ground water	8.03	0.00	0.00	0.00	8,640,000.00 gal
Application event totals		17.05	1.49	19.35	107.29	

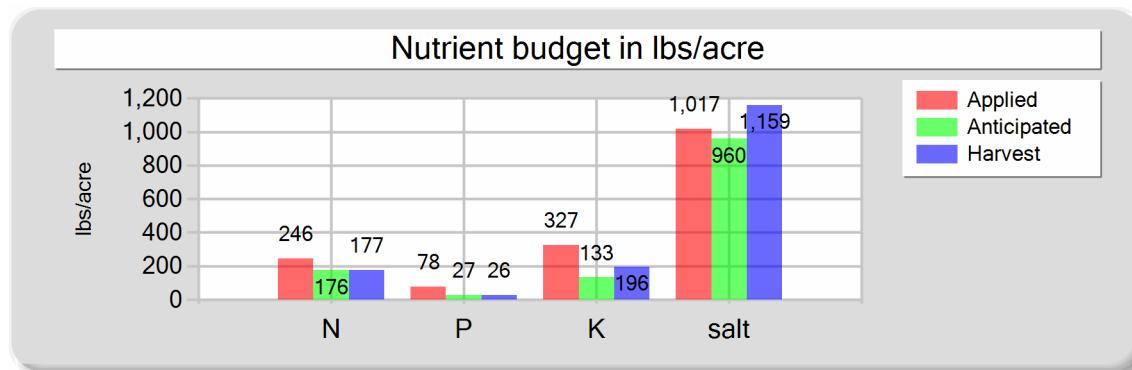
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**B. NUTRIENT BUDGET**

Field #1 - 11/01/2022: Wheat, silage, soft dough

Field name: Field #1      Crop: Wheat, silage, soft dough      Plant date: 11/01/2022



	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	0.00	0.00	0.00	0.00
Dry manure	132.98	64.18	148.38	0.00
Process wastewater	88.55	13.47	178.54	1,017.14
Fresh water	17.67	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
<b>Total nutrients applied</b>	<b>246.21</b>	<b>77.65</b>	<b>326.92</b>	<b>1,017.14</b>
Anticipated crop nutrient removal	176.00	27.20	132.80	960.00
Actual crop nutrient removal	176.75	26.40	196.26	1,159.21
Nutrient balance	69.46	51.25	130.66	-142.07
Applied to removed ratio	1.39	2.94	1.67	0.88

Fresh water applied
19,008,000.00 gallons
700.00 acre-inches
10.00 inches/acre
Process wastewater applied
3,000,000.00 gallons
110.48 acre-inches
1.58 inches/acre
Total harvests for the crop
1 harvests

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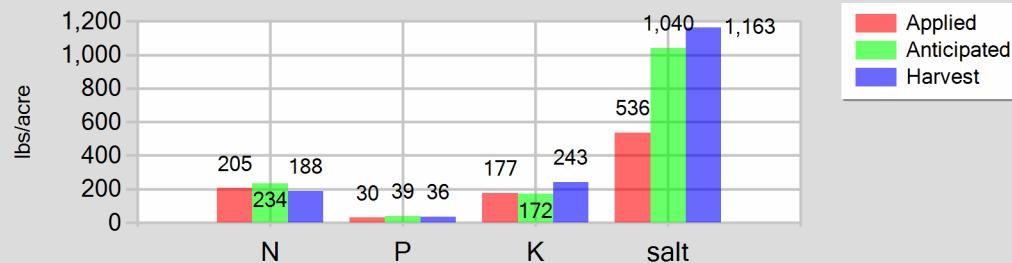
Field #1 - 06/28/2023: Corn, silage

Field name: Field #1

Crop: Corn, silage

Plant date: 06/28/2023

**Nutrient budget in lbs/acre**



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	93.65	22.23	80.17	0.00
Process wastewater	45.06	7.46	96.74	536.46
Fresh water	59.45	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	205.16	29.69	176.91	536.46
Anticipated crop nutrient removal	234.00	39.00	171.60	1,040.00
Actual crop nutrient removal	187.52	36.25	242.52	1,162.59
Nutrient balance	17.65	-6.56	-65.61	-626.13
Applied to removed ratio	1.09	0.82	0.73	0.46

**Fresh water applied**

63,936,000.00 gallons  
2,354.55 acre-inches  
33.64 inches/acre

**Process wastewater applied**

1,500,000.00 gallons  
55.24 acre-inches  
0.79 inches/acre

**Total harvests for the crop**

1 harvests

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

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

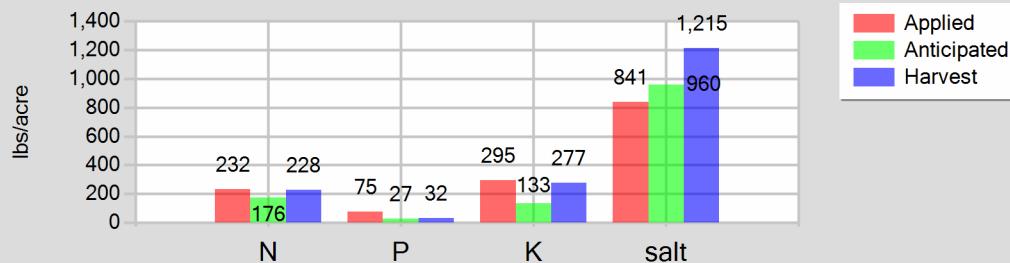
Field #2 - 11/03/2022: Wheat, silage, soft dough

Field name: Field #2

Crop: Wheat, silage, soft dough

Plant date: 11/03/2022

**Nutrient budget in lbs/acre**



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	132.51	63.95	147.86	0.00
Process wastewater	74.75	10.89	147.42	841.18
Fresh water	17.67	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	231.93	74.84	295.28	841.18
Anticipated crop nutrient removal	176.00	27.20	132.80	960.00
Actual crop nutrient removal	227.80	31.64	277.16	1,214.94
Nutrient balance	4.13	43.20	18.12	-373.76
Applied to removed ratio	1.02	2.37	1.07	0.69

**Fresh water applied**

19,008,000.00 gallons  
700.00 acre-inches  
10.00 inches/acre

**Process wastewater applied**

2,400,000.00 gallons  
88.38 acre-inches  
1.26 inches/acre

**Total harvests for the crop**

1 harvests

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

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

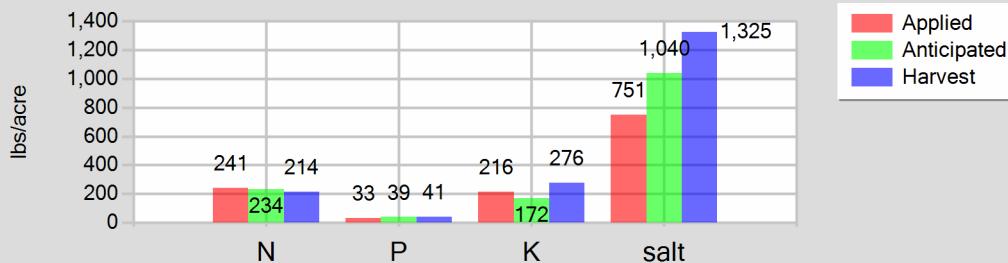
Field #2 - 06/30/2023: Corn, silage

Field name: Field #2

Crop: Corn, silage

Plant date: 06/30/2023

**Nutrient budget in lbs/acre**



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	93.65	22.23	80.17	0.00
Process wastewater	63.09	10.44	135.44	751.05
Fresh water	77.13	0.00	0.00	0.00
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	240.86	32.67	215.61	751.05
Anticipated crop nutrient removal	234.00	39.00	171.60	1,040.00
Actual crop nutrient removal	213.71	41.32	276.39	1,324.97
Nutrient balance	27.16	-8.64	-60.78	-573.92
Applied to removed ratio	1.13	0.79	0.78	0.57

**Fresh water applied**

82,944,000.00 gallons  
3,054.55 acre-inches  
43.64 inches/acre

**Process wastewater applied**

2,100,000.00 gallons  
77.34 acre-inches  
1.10 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****Lagoon Manures**

Sample and source description: Lagoon Manures

Sample date: 09/16/2022 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 39.2 %

	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 (%)
<b>Value</b>	17,900.00	12,200.00	9,600.00							0.00
<b>DL</b>	1,000.00	1,000.00	1,000.00							0.10

**Corral solids**

Sample and source description: Corral solids

Sample date: 10/30/2022 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 36.5 %

	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 (%)
<b>Value</b>	25,900.00	12,500.00	28,900.00							0.00
<b>DL</b>	1,000.00	1,000.00	1,000.00							0.10

**Corral solids**

Sample and source description: Corral solids

Sample date: 10/23/2023 Material type: Corral solids Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 60.7 %

	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 (%)
<b>Value</b>	27,800.00	6,600.00	23,800.00							
<b>DL</b>	1,000.00	1,000.00	1,000.00							

**B. PROCESS WASTEWATER ANALYSES**

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

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

**Dairy Lagoon - 4/2022**

Sample and source description: Dairy Lagoon - 4/2022

Sample date: 11/01/2022 Material type: Process wastewater Source of analysis: Lab analysis pH: 8.00

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	536.00	292.00	0.00	0.00	71.50	777.00								7,740.00	3,680
<b>DL</b>	0.50	0.50	0.50	0.50	0.50	2.00								1.00	10

**Dairy Lagoon - 1**

Sample and source description: Dairy Lagoon - 1

Sample date: 01/20/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.80

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	284.00	213.00	0.00	0.00	38.70	542.00								5,700.00	3,100
<b>DL</b>	0.50	0.50	0.50	0.50	0.50	2.00								1.00	10

**Dairy Lagoon - 2**

Sample and source description: Dairy Lagoon - 2

Sample date: 04/18/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.90

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	193.00	188.00	0.00	0.00	36.10	435.00								5,070.00	2,460
<b>DL</b>	0.50	0.50	0.50	0.50	0.50	2.00								1.00	10

**Dairy Lagoon - 3**

Sample and source description: Dairy Lagoon - 3

Sample date: 07/05/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 8.00

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	252.00	198.00	0.00	0.00	41.70	541.00								5,840.00	3,000
<b>DL</b>	0.50	0.50	0.50	0.50	0.50	2.00								1.00	10

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

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

Dairy Lagoon - 4

Sample and source description: Dairy Lagoon - 4

Sample date: 10/20/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: \_\_\_\_\_

	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	253.00	203.00	0.00	0.00	30.60	489.00								5,510.00	3,120
<b>DL</b>	0.50	0.50	0.50	0.50	0.50	2.00								1.00	10

**C. FRESH WATER ANALYSES**

Domestic Well #1

Domestic Well #1

Sample description: Domestic Well #1

Sample date: 01/20/2023 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)
<b>Value</b>	9.50	0.00	9.50								1,260.00	0
<b>DL</b>	0.50	0.50	0.50								1.00	10

Domestic Well #2

Domestic Well #2

Sample description: Domestic Well #2

Sample date: 11/30/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
<b>Value</b>	9.50	0.00	9.50								1,260.00	0
<b>DL</b>	0.50	0.50	0.50								1.00	10

Irrigation Well

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

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

**Irrigation Well****Irrigation Well**Sample description: Irrigation WellSample date: 04/23/2023 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	7.80	0.00	7.80								1,200.00	0
DL	0.50	0.50	0.50								1.00	10

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

## Field #1 - 11/01/2022: Wheat, silage, soft dough

**Wheat Silage**Sample and source description: Wheat SilageSample date: 05/12/2023 Source of analysis: Lab analysis Method of reporting: Dry-weightMoisture: 61.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	15,400.00	2,300.00	17,100.00		10.10
DL	1,000.00	1,000.00	1,000.00		0.10

## Field #1 - 06/28/2023: Corn, silage

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

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

Field #1 - 06/28/2023: Corn, silage

**Corn silages**

Sample and source description: Corn silages

Sample date: 10/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 68.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	15,000.00	2,900.00	19,400.00		9.30
<b>DL</b>	1,000.00	1,000.00	1,000.00		0.10

Field #2 - 11/03/2022: Wheat, silage, soft dough

**Wheat Silage**

Sample and source description: Wheat Silage

Sample date: 05/12/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 59.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	18,000.00	2,500.00	21,900.00		9.60
<b>DL</b>	1,000.00	1,000.00	1,000.00		0.10

Field #2 - 06/30/2023: Corn, silage

**Corn silages**

Sample and source description: Corn silages

Sample date: 10/19/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 68.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	15,000.00	2,900.00	19,400.00		9.30
<b>DL</b>	1,000.00	1,000.00	1,000.00		0.10

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

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

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

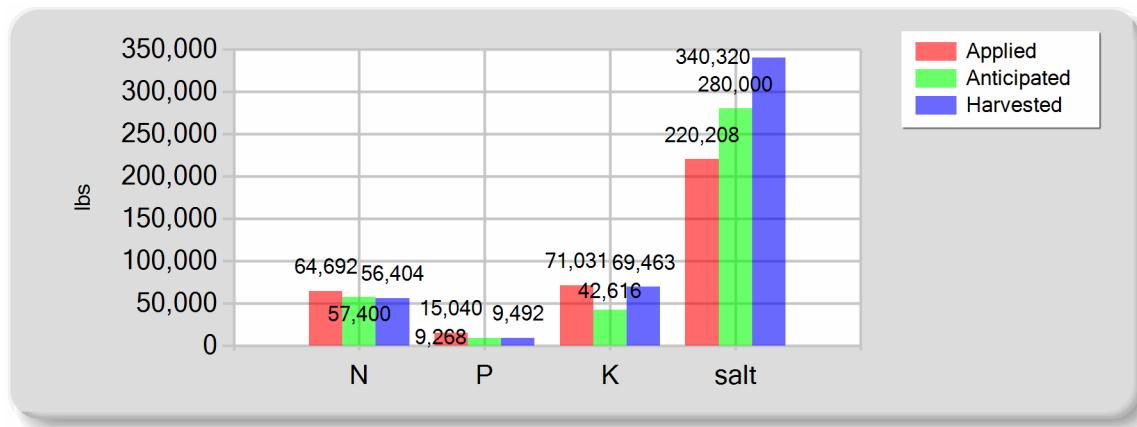
*No subsurface (tile) drainage analyses entered.*

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

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

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

	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	31,695.03	12,081.94	31,961.28	0.00
Process wastewater	19,001.57	2,957.63	39,069.62	220,207.86
Fresh water	12,035.07	0.00	0.00	0.00
Atmospheric deposition	1,960.00	0.00	0.00	0.00
<b>Total nutrients applied</b>	<b>64,691.66</b>	<b>15,039.57</b>	<b>71,030.90</b>	<b>220,207.86</b>
Anticipated crop nutrient removal	57,400.00	9,268.00	42,616.00	280,000.00
Actual crop nutrient removal	56,404.00	9,492.42	69,463.16	340,319.72
<b>Nutrient balance</b>	<b>8,287.65</b>	<b>5,547.15</b>	<b>1,567.73</b>	<b>-120,111.86</b>
Applied to removed ratio	1.15	1.58	1.02	0.65

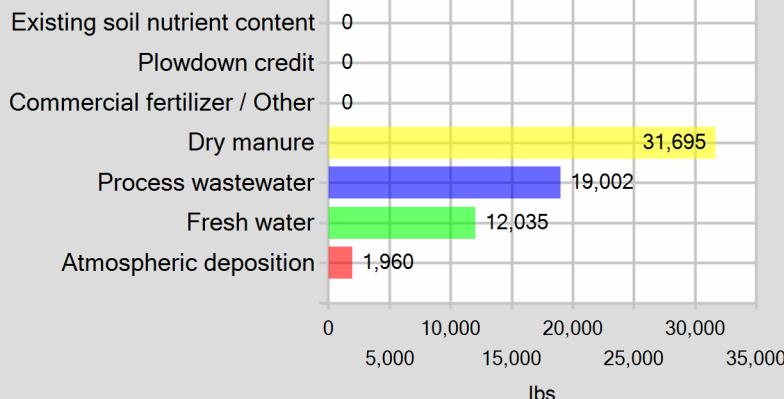
**B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL**

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

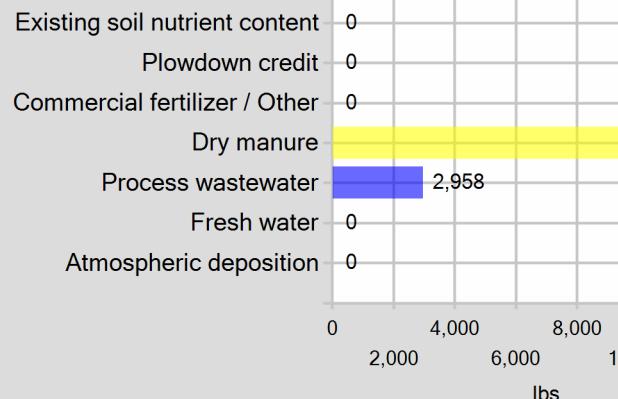
Reporting period 01/01/2023 to 12/31/2023.

C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE

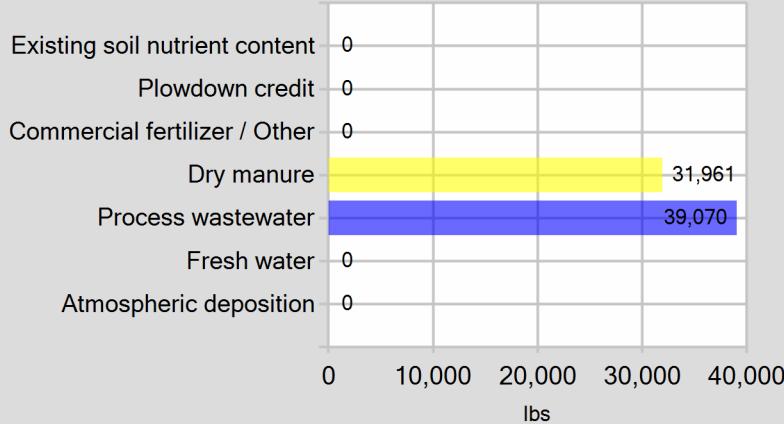
Pounds of nitrogen applied



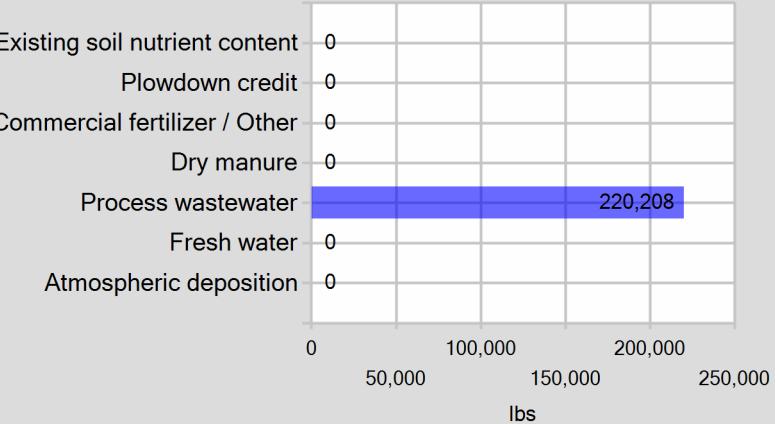
Pounds of phosphorus applied



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? Yes \_\_\_\_\_

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

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

**B. EXPORT AGREEMENT STATEMENT**

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

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

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

**ADDITIONAL NOTES**

**A. NOTES**

*No notes entered for this annual report.*

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

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

**CERTIFICATION**

**A. OWNER AND/OR OPERATOR CERTIFICATION**

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

Robert La Salle

Robert La Salle (Jun 28, 2024 11:51 PDT)

SIGNATURE OF OWNER OF FACILITY

Robert LaSalle

PRINT OR TYPE NAME

Jun 28, 2024

DATE

SIGNATURE OF OPERATOR OF FACILITY

SAME AS OWNER

PRINT OR TYPE NAME

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: Bob LaSalle

Name of Dairy Facility: LaSalle Dairy

Facility Address:

10663 7 1/2 AVE Number and Street	Firebaugh City	Madera County	93622 Zip Code
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Contact Person Name and Phone Number:	<u>Bob LaSalle</u> Name	(559) 659-1944 Phone Number
---------------------------------------	----------------------------	--------------------------------

**MANURE HAULER INFORMATION**

Name of Hauling Company/Person: Richie Iest Farms Inc.

Address of Hauling Company/Person:

14676 Avenue 14 Number and Street	Madera City	CA State	93637 Zip Code
--------------------------------------	----------------	-------------	-------------------

Contact Person: <u>Richie Iest</u> Name	(559) 675-8658 Phone Number
--	--------------------------------

**DESTINATION INFORMATION**

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

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

Madera Compost Yard Name	(559) 479-2553 Phone Number
-----------------------------	--------------------------------

1000 Robertson Blvd. Address	Chowchilla City	CA State	93610 Zip Code
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Destination Address or Assessor's Parcel Number:

Address	Chowchilla City	93610 Zip Code
---------	--------------------	-------------------

Robertson Blvd. Street and nearest cross street (if no address)	Madera County
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Assessor's Parcel Number      Assessor's Parcel Number County

Last date hauled: 06/09/2023

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: 2,475.00 tons

Manure Solids Content: 63.5 %

Method used to determine amount of manure:

Averaged scale weighed loads multiplied by the number of trucks hauled

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.

Robert La Salle

Robert La Salle (Jun 28, 2024 11:51 PDT)

Operator Signature

Jun 28, 2024

Date

\* see following page

Date

Hauler Signature

## ATTACHMENT D

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

**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-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: Bob LaSalle

Name of Dairy Facility: La Salle Dairy

Facility Address: 10663 Hwy 7 1/2 Number and Street Fivebaugh, City Co 93622 Zip Code

Contact Person Name and Phone Number: Bob LaSalle Name 559-659-1944 Phone Number

**Manure/Process Wastewater Hauler Information:**

Name of Hauling Company/Person: \_\_\_\_\_

Address of Hauling Company /Person: \_\_\_\_\_ Number and Street \_\_\_\_\_ City \_\_\_\_\_ Zip Code

Contact Person: \_\_\_\_\_ Name \_\_\_\_\_ Phone Number

**Destination Information:**

Composting Facility / Broker / Farmer / Other (identify) \_\_\_\_\_ (please circle one)

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

Ryan Machado Name Chowchilla Number and Street Co City 93622 Zip Code 559-659-1944 Phone Number

**Manure/Process Wastewater Destination Address or Assessor's Parcel Number:**

Number and Street \_\_\_\_\_ City \_\_\_\_\_ Zip Code \_\_\_\_\_ Assessor's Parcel Number

Dates Hauled: \_\_\_\_\_

**Amount Hauled:**

Enter the amount of manure hauled in tons or cubic yards (indicate which units used), the manure solids content (if amount reported in tons) or manure density (if amount reported in cubic yards), and the method used to calculate the amount:

Manure: 2475 Tons or Cubic Yards (indicate which units used)

Manure Solids Content (if amount reported in tons): \_\_\_\_\_

Manure Density (if amount reported in cubic yards): \_\_\_\_\_

Attachment D  
Waste Discharge Requirements General Order No. R5-2007-0035  
Existing Milk Cow Dairies

Method used to determine amount of manure: \_\_\_\_\_

Enter the amount of process wastewater hauled in gallons and the method used to determine the amount.

Process Wastewater: \_\_\_\_\_ Gallons

Method used to determine volume of process wastewater: \_\_\_\_\_

**Written Agreement:**

Does the Operator have a written agreement (in compliance with Land Application Specification C.2 of Waste Discharge Requirements General Order No. R5-2007-0035) with any party that receives process wastewater from the Operator for its own use? (please check one)

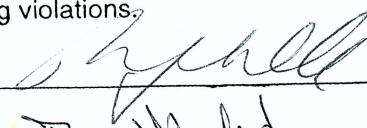
Yes  No

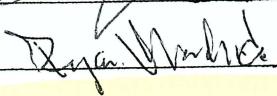
If the answer is no, the Operator agrees to have such a written agreement with any such party for any process wastewater transferred after **31 December 2007** to such party.

\_\_\_\_\_ (Operator shall provide initials here to acknowledge this requirement).

**Certification:**

I declare under the 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.

Operator's Signature:  Date: 10-1-23

Hauler's Signature:  Date: 10-15-23

**Report of Dairy Well Water Analysis**

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23D1275

Sampled By:

Requested By: Bob Lasalle

Submitted Date: 04/24/23

Reported Date: 04/28/23

Project:

Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC <small>μmhos/cm</small>	EC <small>mmhos/cm</small>	Field <small>mg/L</small>	Total <small>mg/L</small>	pH <small>at 25°C</small>
1	Irrigation Well ( 4/23/23	22:00	1200	1.2	7.8 *		8.4

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By: Scott M. Friedland  
Laboratory Director\Technical Manager  
ELAP Certification #1595  
A2LA Certification #6440.02

# Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh  
00-0012454

CA      93622  
50

Lab No.: 23D1275  
Sampled By:  
Requested By: Bob Lasalle  
Submitted Date: 04/24/23  
Reported Date: 04/28/23  
Project:  
Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC $\mu\text{mhos/cm}$	EC mmhos/cm	NO <sub>3</sub> -N mg/L	Nitrogen agricultural use Calcs <i>calculated from nitrate-N</i> lbs/AcFoot      lbs/AcInch
1 Irrigation Well	4/23/23	22:00	1200	1.2	7.8	21.29      1.77

Water for Crop Use	Total Salts	Total Salts	Nitrate Nitrogen
<b>Nutrient Management</b>			
<b>Low Levels</b>	< 900	< 0.90	< 2.0
<b>Significant Levels</b>	900-2200	0.90-2.2	2.0-10.0
<b>High Levels</b>	2200+	2.2+	10.0+

Sampling abbreviations: H.B. = hose bib, S.P. = stand pipe, Dom. = domestic well, IR = irrigation well, AG = ag well.

Nitrate exceeds Water Quality MCL levels if results are above 10 mg/l nitrate-nitrogen NO<sub>3</sub>-N (equivalent to 45 mg/l nitrate, NO<sub>3</sub>).

Total Salt results are used to monitor changes of salt in the well aquifers between annual tests.

MCL = Maximum Contaminant Level according to the California Domestic Water Quality and Monitoring Regulations (Title 22)

MDL = Method Detection Limit;    RL = Reporting Limit,    mg/L = ppm.

SM = Standard Methods for the Examination of Water and Wastewater

EPA = Environmental Protection Agency methods used unless otherwise indicated.



04/24/23 08:10

23D1275

## 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	12454	50
Bill To:	Acct #	Cons #

Results Need By

Name: LaSalle Dairy

Address: 10663 Ave 7 1/2

City: Firebaugh State: CA Zip: 93622-9635

Telephone: (559) 659-1944 Fax: (559) 659-1944

Cell/Email: boblasalle@aol.com

COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT:

CROP:

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

Sampled By:

No. Samples: 1 No of Bottles:

Water Type:  Drinking Water  Wastewater  
 Ag Water  Groundwater  Monitoring Well

Other:

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

(X) DWW1: EC, NO<sub>3</sub>-N, pH NH4-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

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	Irrigation well	4/23/23	10 pm	61.61	
2					
3					
4					
5					
6					
7					
8					
9					
10					

## CHAIN OF CUSTODY

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	Bob LaSalle	LaSalle Dairy		
Second				
Third				
Fourth	Kes	DLC	4-28 8:10	

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.

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

## Signature

Sample received in cooler with ice (coolant)

[ ] Yes [ ] No

**Report of Dairy Well Water Analysis**

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23A0540  
Sampled By: Austin LaSalle  
Requested By: Bob Lasalle  
Submitted Date: 01/20/23  
Reported Date: 01/25/23  
Project:  
Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC	EC	Field NO <sub>3</sub> -N	Total NH <sub>4</sub> -N	pH at 25°C
			μmhos/cm	mmhos/cm	mg/L	mg/L	mg/L
1	Domestic Well	1/20/23 - 7:00	1260	1.26	9.8	*	7.7

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By:

Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02



01/20/23 09:53

23A0540

400

## DELLALVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728  
www.dellalvallelab.com 559 233-6129 • 800 228-9896 • Fax 559 268-8174

Purchase Order No	12454	50
	Bill To:	Acct # Cons #

Results Need By

Name: LaSalle Dairy  
 Address: 10663 Ave 7 1/2  
 City: Firebaugh State: CA Zip: 93622-9635  
 Telephone: (559) 659-1944 Fax: (559) 659-1944  
 Cell/Email: boblasalle@aol.com  
 COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT:

CROP:

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

Sampled By: *Bob LaSalle*

No. Samples: \_\_\_\_\_ No. of Bottles: \_\_\_\_\_

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, pH NH4-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 \_\_\_\_\_

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	<i>Domestic well</i>	1-20-23	7:00	7.9	
2					
3					
4					
5					
6					
7					
8					
9					
10					

**CHAIN OF CUSTODY**

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First				
Second				
Third				
Fourth	<i>ICB</i>	<i>DLI</i>	1-20-23	9:53

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 Dellalvalle 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 Dellalvalle Laboratory.

*Autumn Agnew*  
**Signature**  
 Sample received in cooler with ice (coolant)  
 Yes  No

<b>Pricing Information:</b>		<b>Shipping</b>	
Sampling hrs	\$	In	
Miles	\$	Out	
Consulting			
Amt Paid	Rec By	Check #	Date

# Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh  
00-0012454

CA 93622  
50

Lab No.: 23K1418

Sampled By:

Requested By: Bob LaSalle

Submitted Date: 11/30/23

Reported Date: 12/06/23

Project:

Crop ID:

E-mail: boblasalle@aol.com

Copy To:

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	Date	Time	EC	EC	Field	Total	pH	
	Sampled	Sampled	μmhos/cm	mmhos/cm	NO <sub>3</sub> -N mg/L	NH <sub>4</sub> -N mg/L	NH <sub>4</sub> -N at 25°C mg/L	unit
1	Domestic Well #2	11/30/23	10:00	1260	1.26	9.5	*	7.6

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By:

Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02

## Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23K1418

Sampled By:

Requested By: Bob LaSalle

Submitted Date: 11/30/23

Reported Date: 12/06/23

Project:

Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC μmhos/cm	EC mmhos/cm	NO <sub>3</sub> -N mg/L	Nitrogen agricultural use Calcs calculated from nitrate-N lbs/AcFoot	Nitrogen lbs/AcInch
1 Domestic Well #2	11/30/23	10:00	1260	1.26	9.5	25.94	2.16

Water for Crop Use Nutrient Management	Total Salts	Total Salts	Nitrate Nitrogen
Low Levels	< 900	< 0.90	< 2.0
Significant Levels	900-2200	0.90-2.2	2.0-10.0
High Levels	2200+	2.2+	10.0+

Sampling abbreviations: H.B. = hose bib, S.P. = stand pipe, Dom. = domestic well, IR = irrigation well, AG = ag well.

Nitrate exceeds Water Quality MCL levels if results are above 10 mg/l nitrate-nitrogen NO<sub>3</sub>-N (equivalent to 45 mg/l nitrate, NO<sub>3</sub>).

Total Salt results are used to monitor changes of salt in the well aquifers between annual tests.

MCL = Maximum Contaminant Level according to the California Domestic Water Quality and Monitoring Regulations (Title 22)

MDL = Method Detection Limit; RL = Reporting Limit, mg/L = ppm.

SM = Standard Methods for the Examination of Water and Wastewater

EPA = Environmental Protection Agency methods used unless otherwise indicated.



11/30/23 11:26

23K1418

# DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728  
[www.dellavallelab.com](http://www.dellavallelab.com) 559 233-6129 • 800 228-9896 • Fax 559 268-8174

Purchase Order No	12454	50
Bill To:	Acct #	Cons #

No. Samples: / No of Bottles: /

Results Need By \_\_\_\_\_

Name: LaSalle Dairy

Address: 10663 Ave 7 1/2

City: Firebaugh State: CA Zip: 93622-9635

Telephone: (559) 659-1944 Fax: (559) 659-1944

Cell/Email: boblasalle@aol.com

COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT: \_\_\_\_\_

CROP: \_\_\_\_\_

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

Sampled By: \_\_\_\_\_

**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, pH NH4-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 \_\_\_\_\_

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	domestic well #2	11 30 23	10 AM	61.6	_____
2	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	IR Thermometer SN: 200560723
8	_____	_____	_____	_____	Correction Factor: 0°C
9	_____	_____	_____	_____	Calibration Due: 12/22/2023
10	_____	_____	_____	_____	Location: Laboratory

**CHAIN OF CUSTODY**

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	<i>J. Abres</i>			
Second				
Third				
Fourth	<i>XJ</i>	<i>Oct</i>	11 30 23 1120	

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.

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<b>Invoicing Information:</b>		<b>Shipping</b>	
Sampling hrs	\$	In	
Miles	\$	Out	
Consulting			
Amt Paid	Rec By	Check #	Date

**Signature**

Sample received in cooler with ice (coolant)

[ ] Yes [ ] No

**Report of Dairy Well Water Analysis**

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23D1275

Sampled By:

Requested By: Bob Lasalle

Submitted Date: 04/24/23

Reported Date: 04/28/23

Project:

Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC <small>μmhos/cm</small>	EC <small>mmhos/cm</small>	Field <small>mg/L</small>	Total <small>mg/L</small>	pH <small>at 25°C</small>
1	Irrigation Well ( 4/23/23	22:00	1200	1.2	7.8 *		8.4

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By: Scott M. Friedland  
Laboratory Director\Technical Manager  
ELAP Certification #1595  
A2LA Certification #6440.02

# Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh  
00-0012454

CA 93622  
50

Lab No.: 23D1275  
Sampled By:  
Requested By: Bob Lasalle  
Submitted Date: 04/24/23  
Reported Date: 04/28/23  
Project:  
Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC $\mu\text{mhos/cm}$	EC mmhos/cm	NO <sub>3</sub> -N mg/L	Nitrogen agricultural use Calcs <i>calculated from nitrate-N</i> lbs/AcFoot      lbs/AcInch
1 Irrigation Well	4/23/23	22:00	1200	1.2	7.8	21.29      1.77

Water for Crop Use	Total Salts	Total Salts	Nitrate Nitrogen
<b>Nutrient Management</b>			
<b>Low Levels</b>	< 900	< 0.90	< 2.0
<b>Significant Levels</b>	900-2200	0.90-2.2	2.0-10.0
<b>High Levels</b>	2200+	2.2+	10.0+

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04/24/23 08:10

23D1275

## 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	12454	50
Bill To:	Acct #	Cons #

Results Need By

Name: LaSalle Dairy

Address: 10663 Ave 7 1/2

City: Firebaugh State: CA Zip: 93622-9635

Telephone: (559) 659-1944 Fax: (559) 659-1944

Cell/Email: boblasalle@aol.com

COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT:

CROP:

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

Sampled By:

No. Samples: 1 No of Bottles:

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, pH NH4-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

Description of Samples		Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	Irrigation well	4/23/23	10 pm	61.61	
2					
3					
4					
5					
6					
7					
8					
9					
10					

## CHAIN OF CUSTODY

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	Bob LaSalle	LaSalle Dairy		
Second				
Third				
Fourth	Kes	DLC	4-28 8:10	

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.

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

Signature  
Sample received in cooler with ice (coolant)  
 Yes  No

**Report of Dairy Well Water Analysis**

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23A0540  
Sampled By: Austin LaSalle  
Requested By: Bob Lasalle  
Submitted Date: 01/20/23  
Reported Date: 01/25/23  
Project:  
Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC	EC	Field NO <sub>3</sub> -N	Total NH <sub>4</sub> -N	pH at 25°C
			μmhos/cm	mmhos/cm	mg/L	mg/L	mg/L
1	Domestic Well	1/20/23 - 7:00	1260	1.26	9.8	*	7.7

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By:

Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02



01/20/23 09:53

23A0540

400

## DELLALVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728  
www.dellalvallelab.com 559 233-6129 • 800 228-9896 • Fax 559 268-8174

Purchase Order No	12454	50
	Bill To:	Acct # Cons #

Results Need By

Name: LaSalle Dairy  
 Address: 10663 Ave 7 1/2  
 City: Firebaugh State: CA Zip: 93622-9635  
 Telephone: (559) 659-1944 Fax: (559) 659-1944  
 Cell/Email: boblasalle@aol.com  
 COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT:

CROP:

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

Sampled By: *Bob LaSalle*

No. Samples: \_\_\_\_\_ No. of Bottles: \_\_\_\_\_

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, pH NH4-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 \_\_\_\_\_

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	<i>Domestic well</i>	1-20-23	7:00	7.9	
2					
3					
4					
5					
6					
7					
8					
9					
10					

**CHAIN OF CUSTODY**

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First				
Second				
Third				
Fourth	<i>ICB</i>	<i>DLI</i>	1-20-23	9:53

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 Dellalvalle 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 Dellalvalle Laboratory.

*Autumn Agnew*  
**Signature**  
 Sample received in cooler with ice (coolant)  
 Yes  No

<b>Pricing Information:</b>		<b>Shipping</b>	
Sampling hrs	\$	In	
Miles	\$	Out	
Consulting			
Amt Paid	Rec By	Check #	Date

# Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh  
00-0012454

CA      93622  
50

E-mail: boblasalle@aol.com  
Copy To:

Lab No.: 23K1418  
Sampled By:  
Requested By: Bob LaSalle  
Submitted Date: 11/30/23  
Reported Date: 12/06/23  
Project:  
Crop ID:

	Date	Time	EC	EC	Field	Total	pH	
	Sampled	Sampled	µmhos/cm	mmhos/cm	NO <sub>3</sub> -N mg/L	NH <sub>4</sub> -N mg/L	NH <sub>4</sub> -N at 25°C mg/L	unit
1	Domestic Well #2	11/30/23	10:00	1260	1.26	9.5	*	7.6

\* = Field NH<sub>4</sub>-N not Taken.

ND = None Detected

Approved By:

*Scott M. Friedland*

Laboratory Director\Technical Manager

ELAP Certification #1595

A2LA Certification #6440.02

## Report of Dairy Well Water Analysis

LaSalle Dairy  
10663 Ave 7 1/2  
Firebaugh CA 93622  
00-0012454 50

Lab No.: 23K1418

Sampled By:

Requested By: Bob LaSalle

Submitted Date: 11/30/23

Reported Date: 12/06/23

Project:

Crop ID:

E-mail: boblasalle@aol.com

Copy To:

	Date Sampled	Time Sampled	EC μmhos/cm	EC mmhos/cm	NO <sub>3</sub> -N mg/L	Nitrogen agricultural use Calcs calculated from nitrate-N lbs/AcFoot	Nitrogen lbs/AcInch
1 Domestic Well #2	11/30/23	10:00	1260	1.26	9.5	25.94	2.16

Water for Crop Use Nutrient Management	Total Salts	Total Salts	Nitrate Nitrogen
Low Levels	< 900	< 0.90	< 2.0
Significant Levels	900-2200	0.90-2.2	2.0-10.0
High Levels	2200+	2.2+	10.0+

Sampling abbreviations: H.B. = hose bib, S.P. = stand pipe, Dom. = domestic well, IR = irrigation well, AG = ag well.

Nitrate exceeds Water Quality MCL levels if results are above 10 mg/l nitrate-nitrogen NO<sub>3</sub>-N (equivalent to 45 mg/l nitrate, NO<sub>3</sub>).

Total Salt results are used to monitor changes of salt in the well aquifers between annual tests.

MCL = Maximum Contaminant Level according to the California Domestic Water Quality and Monitoring Regulations (Title 22)

MDL = Method Detection Limit; RL = Reporting Limit, mg/L = ppm.

SM = Standard Methods for the Examination of Water and Wastewater

EPA = Environmental Protection Agency methods used unless otherwise indicated.



11/30/23 11:26

23K1418

# DELLAVALLE LABORATORY, INC.

1910 W. McKinley Avenue, Suite 110 • Fresno, CA 93728  
[www.dellavallelab.com](http://www.dellavallelab.com) 559 233-6129 • 800 228-9896 • Fax 559 268-8174

Purchase Order No	12454	50
Bill To:	Acct #	Cons #

No. Samples: / No of Bottles: /

Results Need By \_\_\_\_\_

Name: LaSalle Dairy

Address: 10663 Ave 7 1/2

City: Firebaugh State: CA Zip: 93622-9635

Telephone: (559) 659-1944 Fax: (559) 659-1944

Cell/Email: boblasalle@aol.com

COPY TO: Heartland Consulting

REQUESTED BY: Bob LaSalle

PROJECT: \_\_\_\_\_

CROP: \_\_\_\_\_

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

Sampled By: \_\_\_\_\_

**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, pH 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 \_\_\_\_\_

	Description of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NH <sub>4</sub> -N
1	domestic well #2	11/30/23	10 AM	61.6	_____
2	_____	_____	_____	_____	_____
3	_____	_____	_____	_____	_____
4	_____	_____	_____	_____	_____
5	_____	_____	_____	_____	_____
6	_____	_____	_____	_____	_____
7	_____	_____	_____	_____	IR Thermometer SN: 200560723
8	_____	_____	_____	_____	Correction Factor: 0°C
9	_____	_____	_____	_____	Calibration Due: 12/22/2023
10	_____	_____	_____	_____	Location: Laboratory

**CHAIN OF CUSTODY**

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First	<i>J. Abres</i>			
Second				
Third				
Fourth	<i>XJS</i>	<i>Oct</i>	11/30/23 1120	

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.

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<b>Invoicing Information:</b>		<b>Shipping</b>	
Sampling hrs	\$	In	
Miles	\$	Out	
Consulting			
Amt Paid	Rec By	Check #	Date

**Signature**

Sample received in cooler with ice (coolant)

[ ] Yes [ ] No

# Pages from 2023 AR LASALLE DAIRY

Final Audit Report

2024-06-28

Created:	2024-06-26
By:	Daniel Roos (hlcdn@yahoo.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAuXfzBm8z_9iFVDT9pCaUoz6JMlg4NjhR

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-  Document created by Daniel Roos (hlcdn@yahoo.com)  
2024-06-26 - 10:15:27 PM GMT- IP address: 54.188.176.172
-  Document emailed to Robert La Salle (boblasalle@aol.com) for signature  
2024-06-26 - 10:16:00 PM GMT
-  Email viewed by Robert La Salle (boblasalle@aol.com)  
2024-06-28 - 6:51:39 PM GMT- IP address: 69.147.90.62
-  Document e-signed by Robert La Salle (boblasalle@aol.com)  
Signature Date: 2024-06-28 - 6:51:59 PM GMT - Time Source: server- IP address: 172.59.48.54
-  Agreement completed.  
2024-06-28 - 6:51:59 PM GMT



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