

**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:** Tony Cox Dairy #3

Physical address of dairy:

15410 Excelsior AVE

Number and Street

Hanford

Kings

93230

City

County

Zip Code

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

Date facility was originally placed in operation: 07/27/1977Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

0002-0240-0003-0000      0002-0240-0035-0000

**B. OPERATORS**

Cox, Tony

Operator name: Cox, TonyTelephone no.: (559) 779-8145

Landline

Cellular

1509 Muscat AVE

Hanford

CA

93230

Mailing Address Number and Street

City

State

Zip Code

**C. OWNERS**

Maciel, David

Legal owner name: Maciel, DavidTelephone no.: (559) 381-7428

Landline

Cellular

15410 Excelsior AVE

Hanford

CA

93230

Mailing Address Number and Street

City

State

Zip Code

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

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

	Milk Cows	Dry Cows	Bred Heifers (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	850	100	200	200	0	0
Average number	500	0	100	100	0	0
Avg live weight (lbs)	1,200	1,300	1,000	800		

Predominant milk cow breed: Holstein

Average milk production: 64 pounds per cow per day

**B. MANURE GENERATED**

Total manure excreted by the herd: 14,496.53 tons per reporting period

Total nitrogen from manure: 182,066.67 lbs per reporting period

After ammonia losses (30% loss applied): 127,446.67 lbs per reporting period

Total phosphorus from manure: 30,754.48 lbs per reporting period

Total potassium from manure: 93,783.61 lbs per reporting period

Total salt from manure: 235,425.00 lbs per reporting period

**C. PROCESS WASTEWATER GENERATED**

Process wastewater generated: 76,810,000 gallons

Total nitrogen generated: 185,544.08 lbs

Total phosphorus generated: 9,601.91 lbs

Total potassium generated: 117,304.00 lbs

Total salt generated: 807,737.75 lbs

$$\begin{aligned}
 & 76,810,000 \text{ gallons applied} \\
 & + 0 \text{ gallons exported} \\
 & - 0 \text{ gallons imported} \\
 & = 76,810,000 \text{ gallons generated}
 \end{aligned}$$

**D. FRESH WATER SOURCES**

Source Description	Type
Barn	Ground water
Canal	Surface water

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**E. SUBSURFACE (TILE) DRAINAGE SOURCES***No subsurface (tile) drainage sources entered.***F. NUTRIENT IMPORTS***No dry manure nutrient imports entered.**No process wastewater nutrient imports entered.**No commercial or other nutrient imports entered.***G. NUTRIENT EXPORTS**

Date	Material type	Quantity	Reporting basis	Moisture (%)	Density (lbs/cu ft)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
10/25/2023	Corral solids	3,000.00 ton	As-is	26.4		9,000.00	5,700.00	18,700.00		55.90

*No liquid nutrient exports entered.*

Material type	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Dry manure	54,000.00	34,200.00	112,200.00	2,468,544.00
Process wastewater	0.00	0.00	0.00	0.00
Total exports for all materials	54,000.00	34,200.00	112,200.00	2,468,544.00

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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	95	95	2	process wastewater	X002-X240-X003-XXXX
Field 2	30	30	2	process wastewater	X002-X240-X003-XXXX
Field 3	76	76	2	process wastewater	X002-X240-X003-XXXX
Field 4	15	15	2	process wastewater	X002-X240-X003-XXXX
Field 5	56	56	2	process wastewater	X002-X240-X003-XXXX
Field 6	74	74	2	process wastewater	X002-X240-X032-XXXX X002-X240-X035-XXXX
Field 8	48	48	0	none	X006-X010-X062-XXXX
Field 9	18	18	0	none	X006-X010-X062-XXXX
Totals for areas that were used for application	346	346	12		
Totals for areas that were not used for application	66	66	0		
Land application area totals	412	412	12		

**B. CROPS AND HARVESTS**

## Field 1

Field name: Field 1

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 95      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 (%)
05/10/2023	1,543.60 ton	Dry-weight		63.4	19,100.00	3,600.00	29,200.00		9.89

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	256.00	44.80	192.00	0.00
Total actual harvest content	16.25	227.17	42.82	347.30	1,176.30

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**Field 1**

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 95      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
09/11/2023	2,721.40 ton	Dry-weight		73.8	19,400.00	2,600.00	26,400.00		8.05

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	28.00	224.00	42.00	184.80	0.00
Total actual harvest content	28.65	291.21	39.03	396.28	1,208.36

**Field 2**

Field name: Field 2

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 30      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 (%)
05/10/2023	502.30 ton	Dry-weight		65.3	18,500.00	3,200.00	24,500.00		9.25

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	256.00	44.80	192.00	0.00
Total actual harvest content	16.74	214.97	37.18	284.69	1,074.84

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 30      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
09/11/2023	877.20 ton	Dry-weight		70.5	16,500.00	2,700.00	20,800.00		6.38

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	28.00	224.00	42.00	184.80	0.00
Total actual harvest content	29.24	284.65	46.58	358.83	1,100.65

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**Field 3**

Field name: Field 3

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 76      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 (%)
05/10/2023	1,344.60 ton	Dry-weight		66.2	14,500.00	4,200.00	28,500.00		10.32

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	256.00	44.80	192.00	0.00
Total actual harvest content	17.69	173.42	50.23	340.86	1,234.26

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 76      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
09/11/2023	2,304.50 ton	Dry-weight		69.0	17,700.00	3,100.00	18,900.00		5.51

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	28.00	224.00	42.00	184.80	0.00
Total actual harvest content	30.32	332.76	58.28	355.32	1,035.87

**Field 4**

Field name: Field 4

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 15      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 (%)
05/10/2023	266.10 ton	Dry-weight		67.2	18,100.00	3,500.00	25,000.00		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	256.00	44.80	192.00	0.00
Total actual harvest content	17.74	210.64	40.73	290.94	1,175.38

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**Field 4**

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 15      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
09/11/2023	477.20 ton	Dry-weight		68.3	23,200.00	2,800.00	19,300.00		8.08
Anticipated harvest content									
Total actual harvest content									

**Field 5**

Field name: Field 5

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 56      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 (%)
05/10/2023	955.70 ton	Dry-weight		65.2	16,500.00	3,600.00	21,300.00		9.75
Anticipated harvest content									
Total actual harvest content									

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 56      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
10/05/2023	1,689.30 ton	Dry-weight		67.4	24,500.00	2,500.00	15,700.00		6.65
Anticipated harvest content									
Total actual harvest content									

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**Field 6**

Field name: Field 6

11/01/2022: Wheat, silage, boot stage

Crop: Wheat, silage, boot stage      Acres planted: 74      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 (%)
05/10/2023	1,245.20 ton	Dry-weight		66.4	17,200.00	3,400.00	23,000.00		9.88

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	16.00	256.00	44.80	192.00	0.00
Total actual harvest content	16.83	194.49	38.45	260.08	1,117.21

06/01/2023: Corn, silage

Crop: Corn, silage      Acres planted: 74      Plant date: 06/01/2023

Harvest date	Yield	Reporting basis	Density (lbs/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)
09/11/2023	2,156.20 ton	Dry-weight		67.4	19,600.00	3,000.00	17,300.00		5.92

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	28.00	224.00	42.00	184.80	0.00
Total actual harvest content	29.14	372.36	56.99	328.66	1,124.67

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

Field 1 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 1

Crop: Wheat, silage, boot stage Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
12/22/2022	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
WW	Process wastewater	125.52	10.51	62.53	343.26	2,750,000.00 gal
Application event totals		125.52	10.51	62.53	343.26	
01/18/2023	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
Canal	Surface water	0.00	0.00	0.00	7.00	6,640,000.00 gal
Application event totals		0.00	0.00	0.00	7.00	
02/16/2023	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
WW	Process wastewater	125.52	10.51	62.53	343.26	2,750,000.00 gal
Canal	Surface water	0.00	0.00	0.00	7.00	6,640,000.00 gal
Application event totals		125.52	10.51	62.53	350.26	
03/14/2023	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)	Amount
Canal	Surface water	0.00	0.00	0.00	7.00	6,640,000.00 gal
Application event totals		0.00	0.00	0.00	7.00	

Field 1 - 06/01/2023: Corn, silage

Field name: Field 1

Crop: Corn, silage Plant date: 06/01/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following
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Field 1 - 06/01/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
06/28/2023	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
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		0.00	0.00	0.00	13.32	
07/08/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	
07/18/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	
07/28/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	
08/08/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	

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**Field 1 - 06/01/2023: Corn, silage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
08/18/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	
09/01/2023	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
WW	Process wastewater	40.68	1.19	29.57	223.58	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	13.32	12,640,000.00 gal
Application event totals		40.68	1.19	29.57	236.90	

**Field 2 - 11/01/2022: Wheat, silage, boot stage**

Field name: Field 2

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
12/28/2022	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
WW	Process wastewater	137.32	11.50	68.40	375.51	950,000.00 gal
Application event totals		137.32	11.50	68.40	375.51	

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**Field 2 - 11/01/2022: Wheat, silage, boot stage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
02/16/2023	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
WW	Process wastewater	137.32	11.50	68.40	375.51	950,000.00 gal
Canal	Surface water	0.00	0.00	0.00	9.35	2,800,000.00 gal
Application event totals		137.32	11.50	68.40	384.86	
03/16/2023	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
Canal	Surface water	0.00	0.00	0.00	9.35	2,800,000.00 gal
Application event totals		0.00	0.00	0.00	9.35	

**Field 2 - 06/01/2023: Corn, silage**

Field name: Field 2

Crop: Corn, silage

Plant date: 06/01/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
06/27/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		0.00	0.00	0.00	15.35	
07/07/2023	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
WW	Process wastewater	61.96	1.81	45.04	340.51	1,010,000.00 gal
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		61.96	1.81	45.04	355.86	

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Field 2 - 06/01/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
07/27/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	61.96	1.81	45.04	340.51	1,010,000.00 gal
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		61.96	1.81	45.04	355.86	
08/07/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	61.96	1.81	45.04	340.51	1,010,000.00 gal
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		61.96	1.81	45.04	355.86	
08/17/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	61.96	1.81	45.04	340.51	1,010,000.00 gal
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		61.96	1.81	45.04	355.86	
08/24/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	61.96	1.81	45.04	340.51	1,010,000.00 gal
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		61.96	1.81	45.04	355.86	
09/02/2023	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
Canal	Surface water	0.00	0.00	0.00	15.35	4,600,000.00 gal
Application event totals		0.00	0.00	0.00	15.35	

Field 3 - 11/01/2022: Wheat, silage, boot stage

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**Field 3 - 11/01/2022: Wheat, silage, boot stage**

Field name:	Field 3	Plant date:	11/01/2022			
Crop:	Wheat, silage, boot stage					
Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following		
12/26/2022	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
WW	Process wastewater	69.04	5.78	34.39	188.80	1,210,000.00 gal
Application event totals		69.04	5.78	34.39	188.80	
02/15/2023	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
WW	Process wastewater	68.47	5.73	34.11	187.24	1,200,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		68.47	5.73	34.11	201.43	
03/16/2023	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
WW	Process wastewater	68.47	5.73	34.11	187.24	1,200,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		68.47	5.73	34.11	201.43	

**Field 3 - 06/01/2023: Corn, silage**

Field name:	Field 3	Plant date:	06/01/2023			
Crop:	Corn, silage					
Application date	Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following		
06/26/2023	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
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		0.00	0.00	0.00	14.19	

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Field 3 - 06/01/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
07/06/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	50.86	1.48	36.96	279.47	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	1.42	1,077,000.00 gal
Application event totals		50.86	1.48	36.96	280.89	
07/16/2023	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
WW	Process wastewater	50.86	1.48	36.96	279.47	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		50.86	1.48	36.96	293.66	
07/26/2023	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
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		0.00	0.00	0.00	14.19	
08/06/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	50.86	1.48	36.96	279.47	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		50.86	1.48	36.96	293.66	
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
WW	Process wastewater	50.86	1.48	36.96	279.47	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		50.86	1.48	36.96	293.66	

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**Field 3 - 06/01/2023: Corn, silage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
08/26/2023	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
WW	Process wastewater	50.86	1.48	36.96	279.47	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		50.86	1.48	36.96	293.66	
09/03/2023	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
Canal	Surface water	0.00	0.00	0.00	14.19	10,770,000.00 gal
Application event totals		0.00	0.00	0.00	14.19	

**Field 4 - 11/01/2022: Wheat, silage, boot stage**

Field name: Field 4

Crop: Wheat, silage, boot stage Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
12/29/2022	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
WW	Process wastewater	130.09	10.89	64.80	355.75	450,000.00 gal
Application event totals		130.09	10.89	64.80	355.75	
01/25/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Canal	Surface water	0.00	0.00	0.00	9.35	1,400,000.00 gal
Application event totals		0.00	0.00	0.00	9.35	

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**Field 4 - 11/01/2022: Wheat, silage, boot stage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
02/24/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	130.09	10.89	64.80	355.75	450,000.00 gal
Canal	Surface water	0.00	0.00	0.00	6.68	1,000,000.00 gal
Application event totals		130.09	10.89	64.80	362.42	
03/23/2023	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
Canal	Surface water	0.00	0.00	0.00	6.68	1,000,000.00 gal
Application event totals		0.00	0.00	0.00	6.68	

**Field 4 - 06/01/2023: Corn, silage**

Field name: Field 4

Crop: Corn, silage

Plant date: 06/01/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
06/28/2023	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
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		0.00	0.00	0.00	14.02	
07/08/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	

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Field 4 - 06/01/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
07/18/2023	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
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	
07/28/2023	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
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	
08/08/2023	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
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	
08/18/2023	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
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	
08/25/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	73.62	2.15	53.51	404.57	600,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		73.62	2.15	53.51	418.59	

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**Field 4 - 06/01/2023: Corn, silage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
09/02/2023	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
Canal	Surface water	0.00	0.00	0.00	14.02	2,100,000.00 gal
Application event totals		0.00	0.00	0.00	14.02	

**Field 5 - 11/01/2022: Wheat, silage, boot stage**

Field name: Field 5

Crop: Wheat, silage, boot stage Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
12/22/2022	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
WW	Process wastewater	73.56	6.16	36.64	201.17	950,000.00 gal
Application event totals		73.56	6.16	36.64	201.17	
02/15/2023	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
WW	Process wastewater	93.70	7.84	46.67	256.22	1,210,000.00 gal
Canal	Surface water	0.00	0.00	0.00	9.08	5,077,000.00 gal
Application event totals		93.70	7.84	46.67	265.30	
03/12/2023	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
WW	Process wastewater	93.70	7.84	46.67	256.22	1,210,000.00 gal
Canal	Surface water	0.00	0.00	0.00	9.08	5,077,000.00 gal
Application event totals		93.70	7.84	46.67	265.30	

**Field 5 - 06/01/2023: Corn, silage**

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Field 5 - 06/01/2023: Corn, silage

Field name: Field 5

Crop: Corn, silage

Plant date: 06/01/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
06/27/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		0.00	0.00	0.00	14.44	
07/07/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	
07/17/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	
07/27/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	
08/07/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		0.00	0.00	0.00	14.44	

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**Field 5 - 06/01/2023: Corn, silage**

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
08/17/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	
08/22/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	
08/29/2023	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
WW	Process wastewater	69.35	2.02	50.40	381.09	2,110,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.44	8,077,000.00 gal
Application event totals		69.35	2.02	50.40	395.53	

**Field 6 - 11/01/2022: Wheat, silage, boot stage**

Field name: Field 6

Crop: Wheat, silage, boot stage Plant date: 11/01/2022

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
12/23/2022	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
WW	Process wastewater	70.90	5.94	35.32	193.90	1,210,000.00 gal
Application event totals		70.90	5.94	35.32	193.90	

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Field 6 - 11/01/2022: Wheat, silage, boot stage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
02/15/2023	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
WW	Process wastewater	70.90	5.94	35.32	193.90	1,210,000.00 gal
Canal	Surface water	0.00	0.00	0.00	10.93	8,077,000.00 gal
Application event totals		70.90	5.94	35.32	204.83	
03/15/2023	Surface (irrigation)	No precipitation	No precipitation	No precipitation	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
Canal	Surface water	0.00	0.00	0.00	10.93	8,077,000.00 gal
Application event totals		0.00	0.00	0.00	10.93	

Field 6 - 06/01/2023: Corn, silage

Field name: Field 6

Crop: Corn, silage

Plant date: 06/01/2023

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
06/30/2023	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
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		0.00	0.00	0.00	14.57	
07/10/2023	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
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	

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Field 6 - 06/01/2023: Corn, silage

Application date	Application method	Precipitation 24 hours prior	Precipitation during application		Precipitation 24 hours following	
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)	Amount
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	
07/30/2023	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
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	
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
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	
08/20/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	
08/27/2023	Surface (irrigation)	No precipitation	No precipitation		No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amount
WW	Process wastewater	52.23	1.53	37.96	287.02	2,100,000.00 gal
Canal	Surface water	0.00	0.00	0.00	14.57	10,770,000.00 gal
Application event totals		52.23	1.53	37.96	301.60	

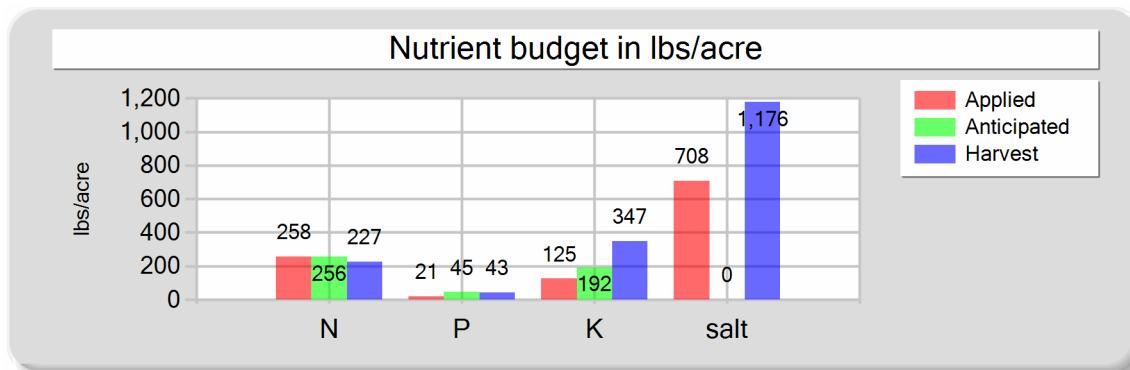
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**B. NUTRIENT BUDGET**

Field 1 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 1	Crop: Wheat, silage, boot stage	Plant date: 11/01/2022
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	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	251.05	21.02	125.05	686.53
Fresh water	0.00	0.00	0.00	21.00
Atmospheric deposition	7.00	0.00	0.00	0.00
<b>Total nutrients applied</b>	<b>258.05</b>	<b>21.02</b>	<b>125.05</b>	<b>707.53</b>
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	227.17	42.82	347.30	1,176.30
Nutrient balance	30.88	-21.80	-222.25	-468.77
Applied to removed ratio	1.14	0.49	0.36	0.60

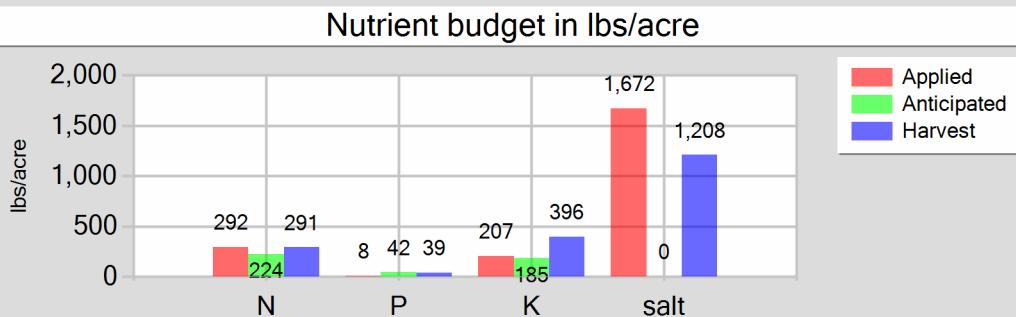
Fresh water applied
19,920,000.00 gallons
733.59 acre-inches
7.72 inches/acre
Process wastewater applied
5,500,000.00 gallons
202.55 acre-inches
2.13 inches/acre
Total harvests for the crop
1 harvests

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

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

Field 1 - 06/01/2023: Corn, silage

Field name: Field 1      Crop: Corn, silage      Plant date: 06/01/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	284.79	8.32	206.99	1,565.03
Fresh water	0.00	0.00	0.00	106.59
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	291.79	8.32	206.99	1,671.62
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	291.21	39.03	396.28	1,208.36
Nutrient balance	0.58	-30.71	-189.29	463.26
Applied to removed ratio	1.00	0.21	0.52	1.38

**Fresh water applied**  
101,120,000.00 gallons  
3,723.91 acre-inches  
39.20 inches/acre

**Process wastewater applied**  
14,700,000.00 gallons  
541.35 acre-inches  
5.70 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.

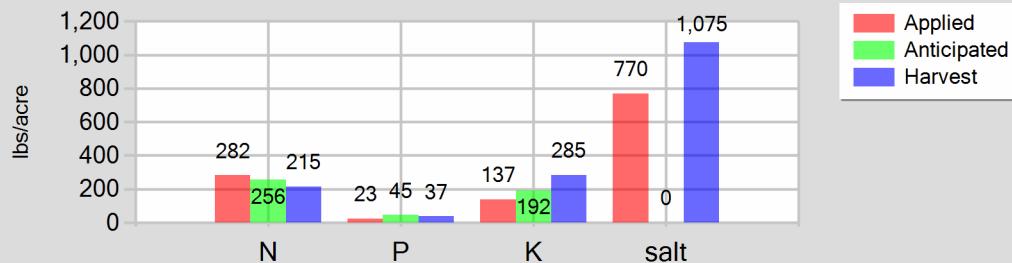
Field 2 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 2

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

**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	0.00	0.00	0.00	0.00
Process wastewater	274.63	22.99	136.80	751.02
Fresh water	0.00	0.00	0.00	18.69
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	281.63	22.99	136.80	769.71
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	214.97	37.18	284.69	1,074.84
Nutrient balance	66.67	-14.19	-147.89	-305.12
Applied to removed ratio	1.31	0.62	0.48	0.72

**Fresh water applied**

5,600,000.00 gallons  
206.23 acre-inches  
6.87 inches/acre

**Process wastewater applied**

1,900,000.00 gallons  
69.97 acre-inches  
2.33 inches/acre

**Total harvests for the crop**

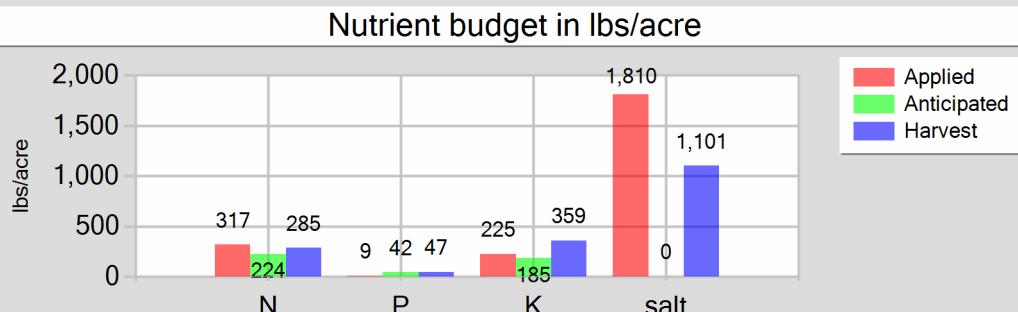
1 harvests

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

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

Field 2 - 06/01/2023: Corn, silage

Field name: Field 2      Crop: Corn, silage      Plant date: 06/01/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	309.82	9.05	225.18	1,702.55
Fresh water	0.00	0.00	0.00	107.48
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	316.82	9.05	225.18	1,810.03
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	284.65	46.58	358.83	1,100.65
Nutrient balance	32.16	-37.53	-133.65	709.38
Applied to removed ratio	1.11	0.19	0.63	1.64

**Fresh water applied**  
32,200,000.00 gallons  
1,185.82 acre-inches  
39.53 inches/acre

**Process wastewater applied**  
5,050,000.00 gallons  
185.97 acre-inches  
6.20 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.

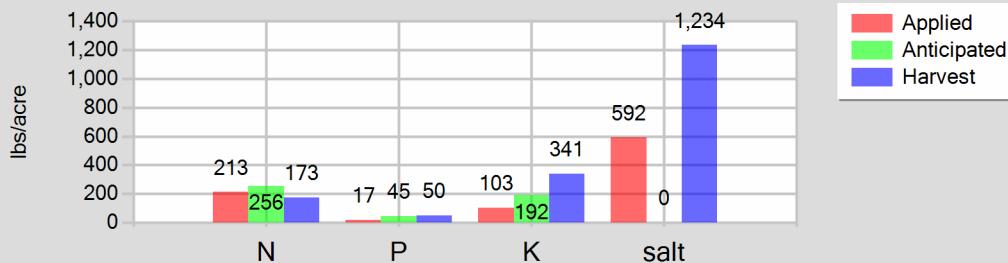
Field 3 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 3

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

**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	0.00	0.00	0.00	0.00
Process wastewater	205.97	17.24	102.60	563.27
Fresh water	0.00	0.00	0.00	28.38
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	212.97	17.24	102.60	591.65
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	173.42	50.23	340.86	1,234.26
Nutrient balance	39.56	-32.99	-238.26	-642.61
Applied to removed ratio	1.23	0.34	0.30	0.48

**Fresh water applied**

21,540,000.00 gallons  
793.24 acre-inches  
10.44 inches/acre

**Process wastewater applied**

3,610,000.00 gallons  
132.94 acre-inches  
1.75 inches/acre

**Total harvests for the crop**

1 harvests

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

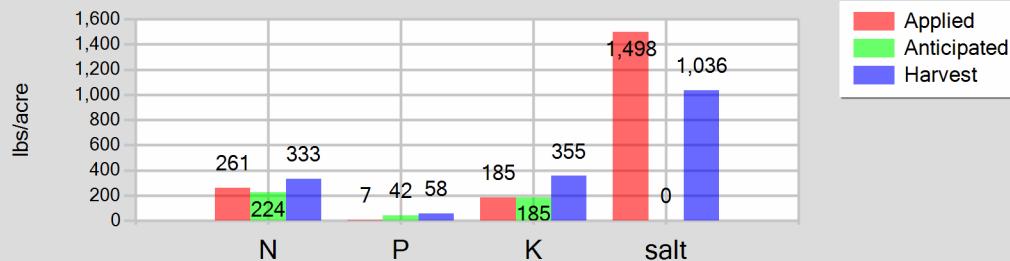
Field 3 - 06/01/2023: Corn, silage

Field name: Field 3

Crop: Corn, silage

Plant date: 06/01/2023

**Nutrient budget in lbs/acre**



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	254.28	7.42	184.81	1,397.35
Fresh water	0.00	0.00	0.00	100.76
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	261.28	7.42	184.81	1,498.10
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	332.76	58.28	355.32	1,035.87
Nutrient balance	-71.48	-50.85	-170.50	462.23
Applied to removed ratio	0.79	0.13	0.52	1.45

**Fresh water applied**

76,467,000.00 gallons  
2,816.02 acre-inches  
37.05 inches/acre

**Process wastewater applied**

10,500,000.00 gallons  
386.68 acre-inches  
5.09 inches/acre

**Total harvests for the crop**

1 harvests

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

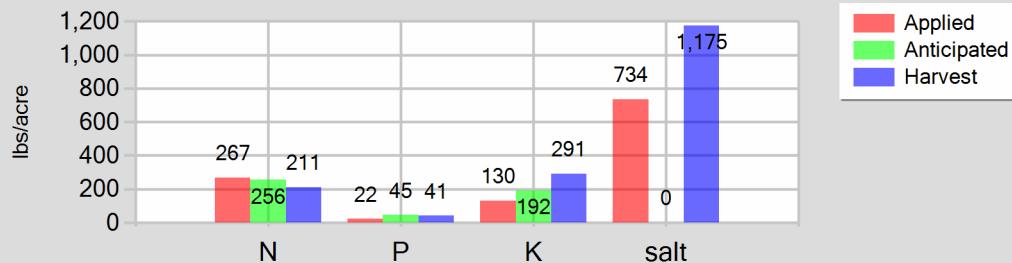
Field 4 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 4

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

**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	0.00	0.00	0.00	0.00
Process wastewater	260.18	21.78	129.60	711.49
Fresh water	0.00	0.00	0.00	22.70
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	267.18	21.78	129.60	734.19
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	210.64	40.73	290.94	1,175.38
Nutrient balance	56.54	-18.95	-161.33	-441.19
Applied to removed ratio	1.27	0.53	0.45	0.62

**Fresh water applied**

3,400,000.00 gallons  
125.21 acre-inches  
8.35 inches/acre

**Process wastewater applied**

900,000.00 gallons  
33.14 acre-inches  
2.21 inches/acre

**Total harvests for the crop**

1 harvests

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

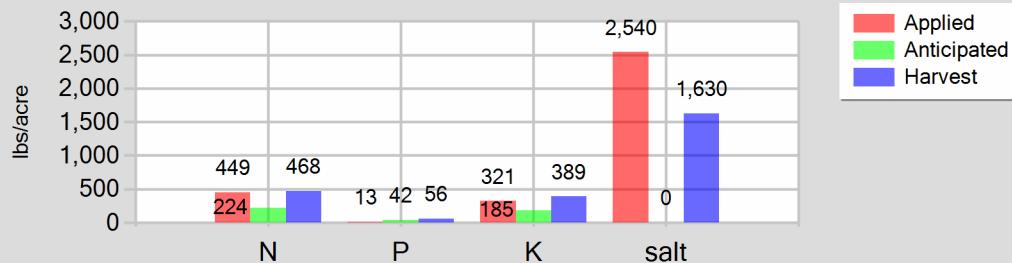
Field 4 - 06/01/2023: Corn, silage

Field name: Field 4

Crop: Corn, silage

Plant date: 06/01/2023

**Nutrient budget in lbs/acre**



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	441.72	12.90	321.05	2,427.39
Fresh water	0.00	0.00	0.00	112.16
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	448.72	12.90	321.05	2,539.55
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	467.94	56.48	389.27	1,629.71
Nutrient balance	-19.22	-43.58	-68.23	909.84
Applied to removed ratio	0.96	0.23	0.82	1.56

**Fresh water applied**

16,800,000.00 gallons  
618.69 acre-inches  
41.25 inches/acre

**Process wastewater applied**

3,600,000.00 gallons  
132.58 acre-inches  
8.84 inches/acre

**Total harvests for the crop**

1 harvests

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

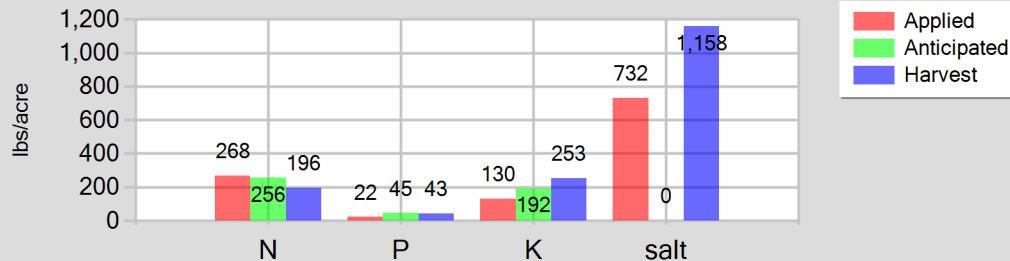
Field 5 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 5

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

**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	0.00	0.00	0.00	0.00
Process wastewater	260.95	21.85	129.99	713.61
Fresh water	0.00	0.00	0.00	18.16
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	267.95	21.85	129.99	731.77
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	195.99	42.76	253.00	1,158.10
Nutrient balance	71.97	-20.92	-123.01	-426.33
Applied to removed ratio	1.37	0.51	0.51	0.63

**Fresh water applied**

10,154,000.00 gallons  
373.94 acre-inches  
6.68 inches/acre

**Process wastewater applied**

3,370,000.00 gallons  
124.11 acre-inches  
2.22 inches/acre

**Total harvests for the crop**

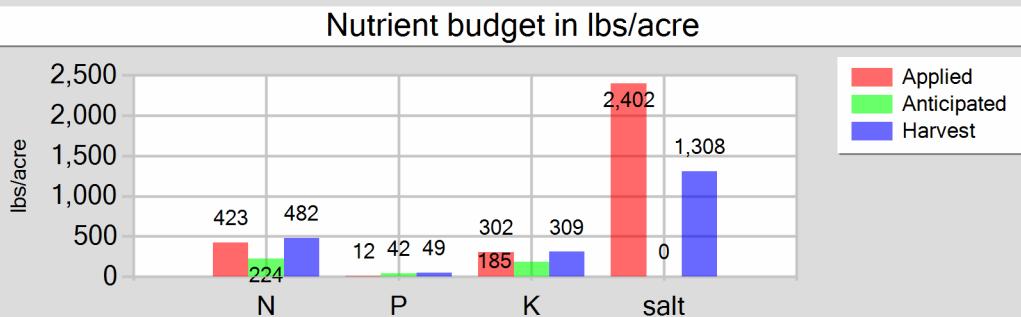
1 harvests

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

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

Field 5 - 06/01/2023: Corn, silage

Field name: Field 5      Crop: Corn, silage      Plant date: 06/01/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	416.08	12.15	302.42	2,286.52
Fresh water	0.00	0.00	0.00	115.55
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	423.08	12.15	302.42	2,402.07
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	481.87	49.17	308.79	1,307.94
Nutrient balance	-58.79	-37.02	-6.38	1,094.12
Applied to removed ratio	0.88	0.25	0.98	1.84

**Fresh water applied**  
64,616,000.00 gallons  
2,379.59 acre-inches  
42.49 inches/acre

**Process wastewater applied**  
12,660,000.00 gallons  
466.22 acre-inches  
8.33 inches/acre

**Total harvests for the crop**  
1 harvests

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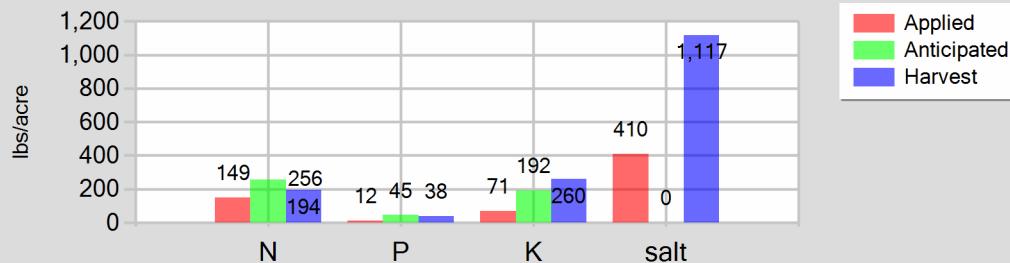
Field 6 - 11/01/2022: Wheat, silage, boot stage

Field name: Field 6

Crop: Wheat, silage, boot stage

Plant date: 11/01/2022

**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	0.00	0.00	0.00	0.00
Process wastewater	141.81	11.87	70.64	387.80
Fresh water	0.00	0.00	0.00	21.86
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	148.81	11.87	70.64	409.66
Anticipated crop nutrient removal	256.00	44.80	192.00	0.00
Actual crop nutrient removal	194.49	38.45	260.08	1,117.21
Nutrient balance	-45.68	-26.58	-189.44	-707.55
Applied to removed ratio	0.77	0.31	0.27	0.37

**Fresh water applied**

16,154,000.00 gallons  
594.90 acre-inches  
8.04 inches/acre

**Process wastewater applied**

2,420,000.00 gallons  
89.12 acre-inches  
1.20 inches/acre

**Total harvests for the crop**

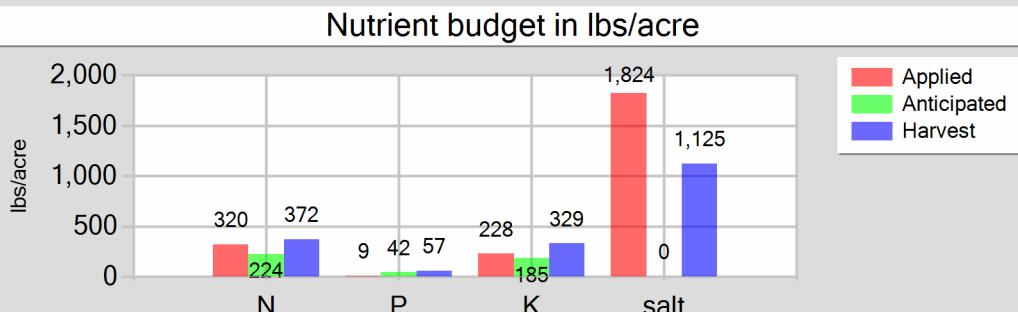
1 harvests

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

Field 6 - 06/01/2023: Corn, silage

Field name: Field 6      Crop: Corn, silage      Plant date: 06/01/2023



	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Total salt (lbs/acre)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	313.38	9.15	227.77	1,722.14
Fresh water	0.00	0.00	0.00	102.02
Atmospheric deposition	7.00	0.00	0.00	0.00
Total nutrients applied	320.38	9.15	227.77	1,824.16
Anticipated crop nutrient removal	224.00	42.00	184.80	0.00
Actual crop nutrient removal	372.36	56.99	328.66	1,124.67
Nutrient balance	-51.98	-47.84	-100.89	699.48
Applied to removed ratio	0.86	0.16	0.69	1.62

**Fresh water applied**

75,390,000.00 gallons
2,776.36 acre-inches
37.52 inches/acre

**Process wastewater applied**

12,600,000.00 gallons
464.02 acre-inches
6.27 inches/acre

**Total harvests for the crop**

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

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

Sample and source description: Dry Manure

Sample date: 06/09/2023 Material type: Corral solids

Source of analysis: Lab analysis

Method of reporting: As-is

Moisture: 16.9 %

	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	12,000.00	6,500.00	22,900.00	15,500.00	8,900.00	8,000.00	4,900.00	799.50		70.10
DL	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		1.00

**Dry Manure**

Sample and source description: Dry Manure

Sample date: 10/27/2023 Material type: Corral solids

Source of analysis: Lab analysis

Method of reporting: Dry-weight

Moisture: 26.4 %

	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	9,000.00	5,700.00	18,700.00							55.90
DL	100.00	100.00	100.00							1.00

**B. PROCESS WASTEWATER ANALYSES****1st Qtr WW**

Sample and source description: 1st Qtr WW

Sample date: 02/03/2023 Material type: Process wastewater

Source of analysis: Lab analysis

pH: 7.53

	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)
Value	519.63	68.38	0.00	0.00	43.50	258.84								2,220.00	1,421
DL	67.00	0.57	0.01	0.01	0.64	0.01								1.00	19

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

**2nd Qtr WW**

Sample and source description: 2nd Qtr WW

Sample date: 06/09/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.73

	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>	220.55	19.79	0.00	0.00	6.44	160.30	6.60	2.50	6.80	13.50	0.00	1.00	6.10	1,895.00	1,212
<b>DL</b>	67.00	0.57	0.01	0.01	0.64	0.01	0.02	0.01	0.01	0.10	0.10	0.02	0.01	1.00	1

**3rd Qtr WW**

Sample and source description: 3rd Qtr WW

Sample date: 08/28/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 7.19

	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>	139.70	76.48	0.00	0.00	20.44	120.04								1,285.00	822
<b>DL</b>	67.00	0.57	0.01	0.01	0.64	0.01								1.00	19

**C. FRESH WATER ANALYSES**

**Barn**

**Barn**

Sample description: Barn

Sample date: 12/12/2023 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>	0.00										236.00	
<b>DL</b>	0.10										1.00	

**Canal**

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

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

**Canal**

**Canal**

Sample description: Canal

Sample date: 08/17/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	0.00										20.00	
DL	0.10										1.00	

**D. SOIL ANALYSES**

*No soil analyses entered.*

**E. PLANT TISSUE ANALYSES**

Field 1 - 11/01/2022: Wheat, silage, boot stage

1

Sample and source description: 1

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 63.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	19,100.00	3,600.00	29,200.00		9.89
DL	100.00	100.00	100.00		1.00

Field 1 - 06/01/2023: Corn, silage

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

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

Field 1 - 06/01/2023: Corn, silage

1

Sample and source description: 1

Sample date: 09/11/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 73.8 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	19,400.00	2,600.00	26,400.00		8.05
<b>DL</b>	100.00	100.00	100.00		1.00

Field 2 - 11/01/2022: Wheat, silage, boot stage

2

Sample and source description: 2

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 65.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	18,500.00	3,200.00	24,500.00		9.25
<b>DL</b>	100.00	100.00	100.00		1.00

Field 2 - 06/01/2023: Corn, silage

2

Sample and source description: 2

Sample date: 09/11/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 70.5 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	16,500.00	2,700.00	20,800.00		6.38
<b>DL</b>	100.00	100.00	100.00		1.00

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

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

Field 3 - 11/01/2022: Wheat, silage, boot stage

3

Sample and source description: 3

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 66.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	14,500.00	4,200.00	28,500.00		10.32
<b>DL</b>	100.00	100.00	100.00		1.00

Field 3 - 06/01/2023: Corn, silage

3

Sample and source description: 3

Sample date: 09/11/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 69.0 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	17,700.00	3,100.00	18,900.00		5.51
<b>DL</b>	100.00	100.00	100.00		1.00

Field 4 - 11/01/2022: Wheat, silage, boot stage

4

Sample and source description: 4

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 67.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	18,100.00	3,500.00	25,000.00		10.10
<b>DL</b>	100.00	100.00	100.00		1.00

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

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

Field 4 - 06/01/2023: Corn, silage

4

Sample and source description: 4

Sample date: 09/11/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 68.3 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	23,200.00	2,800.00	19,300.00		8.08
<b>DL</b>	100.00	100.00	100.00		1.00

Field 5 - 11/01/2022: Wheat, silage, boot stage

5

Sample and source description: 5

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 65.2 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	16,500.00	3,600.00	21,300.00		9.75
<b>DL</b>	100.00	100.00	100.00		1.00

Field 5 - 06/01/2023: Corn, silage

5

Sample and source description: 5

Sample date: 10/05/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 67.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	24,500.00	2,500.00	15,700.00		6.65
<b>DL</b>	100.00	100.00	100.00		1.00

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

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

Field 6 - 11/01/2022: Wheat, silage, boot stage

6

Sample and source description: 6

Sample date: 05/10/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 66.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	17,200.00	3,400.00	23,000.00		9.88
<b>DL</b>	100.00	100.00	100.00		1.00

Field 6 - 06/01/2023: Corn, silage

6

Sample and source description: 6

Sample date: 09/11/2023 Source of analysis: Lab analysis Method of reporting: Dry-weight

Moisture: 67.4 %

	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Total salt (mg/kg)	TFS (%)
<b>Value</b>	19,600.00	3,000.00	17,300.00		5.92
<b>DL</b>	100.00	100.00	100.00		1.00

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

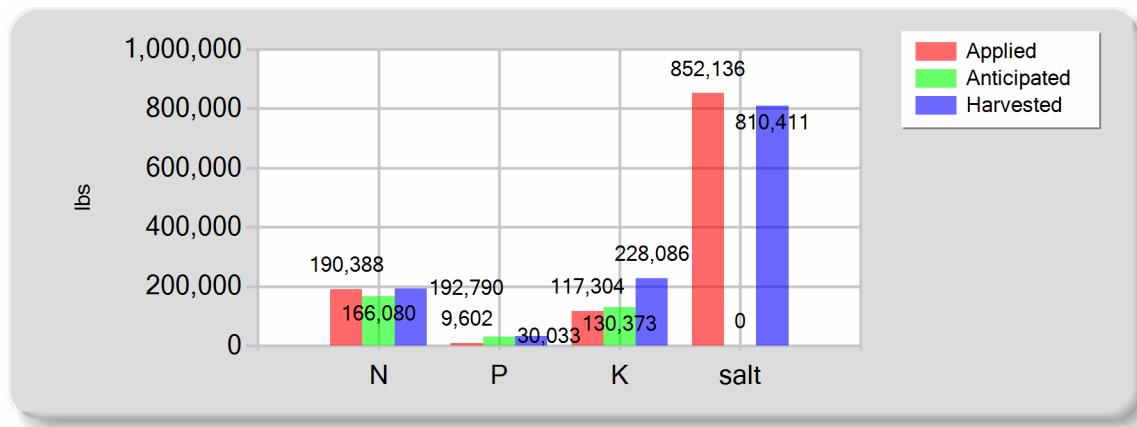
*No subsurface (tile) drainage analyses entered.*

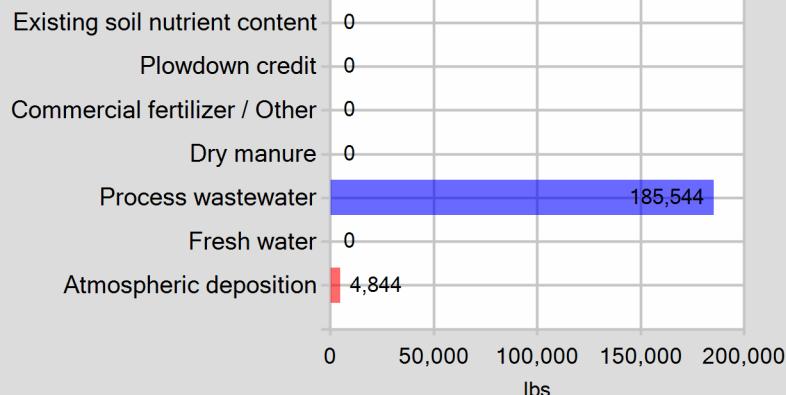
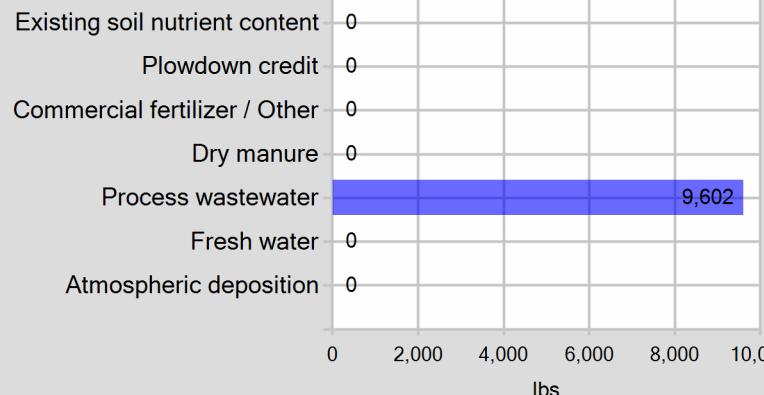
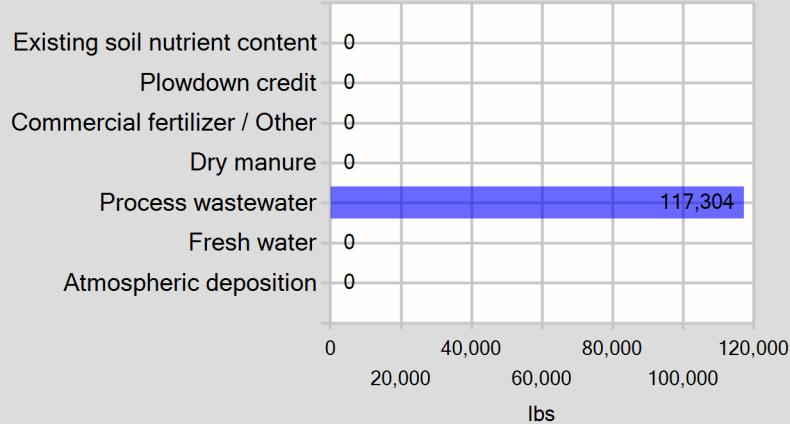
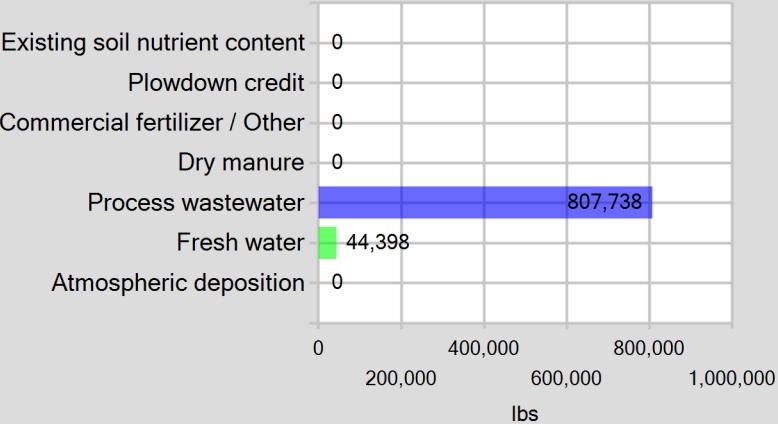
**Annual Report - General Order No. R5-2007-0035**

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

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

	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	185,544.08	9,601.91	117,304.00	807,737.75
Fresh water	0.00	0.00	0.00	44,398.17
Atmospheric deposition	4,844.00	0.00	0.00	0.00
Total nutrients applied	190,388.08	9,601.91	117,304.00	852,135.92
Anticipated crop nutrient removal	166,080.00	30,032.80	130,372.80	0.00
Actual crop nutrient removal	192,789.74	32,203.87	228,085.53	810,411.34
Nutrient balance	-2,401.66	-22,601.96	-110,781.53	41,724.58
Applied to removed ratio	0.99	0.30	0.51	1.05

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

**C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE****Pounds of nitrogen applied****Pounds of phosphorus applied****Pounds of potassium applied****Pounds of salt applied**

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

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

**EXCEPTION REPORTING**

**A. MANURE, PROCESS WASTEWATER, AND OTHER DAIRY WASTE DISCHARGES**

The following is a summary of all manure and process wastewater discharges from the production area to surface water or to land areas (land application areas or otherwise) when not in accordance with the facility's Nutrient Management Plan.

*No manure or process wastewater discharges occurred during the reporting period.*

**B. STORM WATER DISCHARGES**

The following is a summary of all storm water discharges from the production area to surface water during the reporting period when not in accordance with the facility's Nutrient Management Plan.

*No stormwater discharges occurred during the reporting period.*

**C. LAND APPLICATION AREA TO SURFACE WATER DISCHARGES**

The following is a summary of all discharges from the land application area to surface water that have occurred during the reporting period when not in accordance with the facility's Nutrient Management Plan.

*No land application area to surface water discharges occurred during the reporting period.*

**NUTRIENT MANAGEMENT PLAN AND EXPORT AGREEMENT STATEMENTS**

**A. NUTRIENT MANAGEMENT PLAN STATEMENTS**

Was the facility's NMP updated in the reporting period? No

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

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

**B. EXPORT AGREEMENT STATEMENT**

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

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

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

**ADDITIONAL NOTES**

**A. NOTES**

All wells were all negative for Ammonia which we tested onsite using a test strip.

Tony Cox sold out November of 2023 and the facility has continued to be empty.

We had an extremely wet year and had early flood release water and then Canal water thru the whole year so no wells were turned on .

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.

Not available to sign

SIGNATURE OF OWNER OF FACILITY

David Maciel

PRINT OR TYPE NAME

DATE

Tony Cox

SIGNATURE OF OPERATOR OF FACILITY

Tony Cox

PRINT OR TYPE NAME

01/14/24

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: Tony CoxName of Dairy Facility: Tony Cox Dairy #3

Facility Address:

15410 Excelsior AVE Number and Street	Hanford City	Kings County	93230 Zip Code
--	-----------------	-----------------	-------------------

Contact Person Name and Phone Number:	<u>Tony Cox</u> Name	(559) 779-8145 Phone Number
---------------------------------------	-------------------------	--------------------------------

**MANURE HAULER INFORMATION**Name of Hauling Company/Person: Thomas Bros Spreading

Address of Hauling Company/Person:

19721 Exceslrior Number and Street	Riverdale City	CA State	93656 Zip Code
---------------------------------------	-------------------	-------------	-------------------

Contact Person: <u>Manuel Thomas</u> Name	(559) 906-1406 Phone Number
--	--------------------------------

**DESTINATION INFORMATION**Composting Facility / Broker / Farmer / Other (identify): Broker

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

Thomas Bros Hauling Name	(559) 906-1406 Phone Number
-----------------------------	--------------------------------

19721 Exceslrior Address	Riverdale City	CA State	93656 Zip Code
-----------------------------	-------------------	-------------	-------------------

Destination Address or Assessor's Parcel Number:

Address	Riverdale City	93656 Zip Code
---------	-------------------	-------------------

Excelsior Ave Street and nearest cross street (if no address)	Fresno County
--	------------------

Assessor's Parcel Number                          Assessor's Parcel Number County                         Last date hauled: 10/25/2023

**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: 3,000.00 tons

Manure Solids Content: 73.6 %

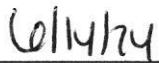
Method used to determine amount of manure:

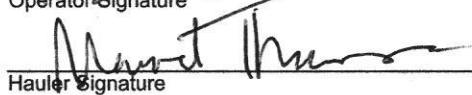
Weighted Average

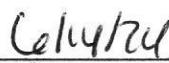
**CERTIFICATION**

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.

  
Operator Signature

  
Date

  
Hauler Signature

  
Date



Tony Cox Dairy #3  
15410 Excelsior Ave  
Hanford, CA 93230

Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

### Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23L0722-01	Barn	Ag Water	Medeiros		12/12/2023 10:40

Default Cooler      Temperature on Receipt °C: 14.6  
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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Tony Cox Dairy #3  
15410 Excelsior Ave  
Hanford, CA 93230

Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

## Sample Results

**Sample: Barn**  
**23L0722-01 (Water)**

Sampled: 12/12/2023 10:40  
Sampled By: Medeiros

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
<b>Electrical Conductivity</b>	<b>0.24</b>	mmhos/cm	0.01	1		12/13/23 18:16	SM 2510 B		BEL0498
<b>Electrical Conductivity umhos</b>	<b>236</b>	umhos/cm	10.0	1		12/13/23 18:16	SM 2510 B		BEL0498
Ammonia (as N)	ND	mg/L	0.00	1		12/12/23 10:40	Field		BEL0535
Nitrate Nitrogen as NO3N	ND	mg/L	0.1	1	10	12/14/23 12:09	EPA 300.0		BEL0445
<b>Temperature</b>	<b>25.0</b>	units	0.0	1		12/13/23 18:16	SM 4500-H+	H	BEL0498
<b>pH</b>	<b>9.3</b>	units	1.0	1		12/13/23 18:16	SM 4500-H+	H	BEL0498

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Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

## Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
<b>Batch: BEL0445</b>									
<b>Blank (BEL0445-BLK1)</b>									
Nitrate Nitrogen as NO3N	ND	0.1	mg/L		Prepared & Analyzed: 12/13/2023				
<b>Blank (BEL0445-BLK2)</b>									
Nitrate Nitrogen as NO3N	ND	0.1	mg/L		Prepared: 12/13/2023 Analyzed: 12/14/2023				
<b>Blank (BEL0445-BLK3)</b>									
Nitrate Nitrogen as NO3N	ND	0.1	mg/L		Prepared: 12/13/2023 Analyzed: 12/14/2023				
<b>Blank (BEL0445-BLK4)</b>									
Nitrate Nitrogen as NO3N	ND	0.1	mg/L		Prepared: 12/13/2023 Analyzed: 12/14/2023				
<b>LCS (BEL0445-BS1)</b>									
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000		100	90-110		
<b>LCS (BEL0445-BS2)</b>									
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000		101	90-110		
<b>LCS (BEL0445-BS3)</b>									
Nitrate Nitrogen as NO3N	5.1	0.1	mg/L	5.000		101	90-110		
<b>Duplicate (BEL0445-DUP1)</b>									
Nitrate Nitrogen as NO3N	4.6	0.1	mg/L	4.6				0.0437	10
<b>Duplicate (BEL0445-DUP2)</b>									
Nitrate Nitrogen as NO3N	8.6	0.1	mg/L	8.8				1.93	10
<b>Duplicate (BEL0445-DUP3)</b>									
Nitrate Nitrogen as NO3N	2.0	0.1	mg/L	2.1				0.924	10
<b>Matrix Spike (BEL0445-MS1)</b>									
Nitrate Nitrogen as NO3N	9.8	0.1	mg/L	5.000	4.6	105	90-110		
<b>Matrix Spike (BEL0445-MS2)</b>									
Nitrate Nitrogen as NO3N	13.8	0.1	mg/L	8.8	100	90-110			
<b>Matrix Spike (BEL0445-MS3)</b>									
Nitrate Nitrogen as NO3N	7.3	0.1	mg/L	5.000	2.1	105	90-110		
<b>Reference (BEL0445-SRM1)</b>									
Nitrate Nitrogen as NO3N	10.1		mg/L	10.00		101	90-110		
<b>Reference (BEL0445-SRM2)</b>									
Nitrate Nitrogen as NO3N	10.2		mg/L	10.00		102	90-110		

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Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

**Quality Control**  
**(Continued)**

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
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***Batch: BEL0445 (Continued)***

Reference (BEL0445-SRM3)	Prepared: 12/13/2023 Analyzed: 12/14/2023
Nitrate Nitrogen as NO <sub>3</sub> N	10.3 mg/L 10.00 103 90-110
Reference (BEL0445-SRM4)	Prepared: 12/13/2023 Analyzed: 12/14/2023
Nitrate Nitrogen as NO <sub>3</sub> N	10.3 mg/L 10.00 103 90-110

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Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

## Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
<b>Batch: BEL0498</b>									
<b>Blank (BEL0498-BLK1)</b>									
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.5	1.0	units						
<b>Blank (BEL0498-BLK2)</b>									
Temperature	25.0	0.0	units						
Electrical Conductivity	ND	0.01	mmhos/cm						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	7.7	1.0	units						
<b>Blank (BEL0498-BLK3)</b>									
Electrical Conductivity	ND	0.01	mmhos/cm						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	7.7	1.0	units						
<b>Duplicate (BEL0498-DUP1)</b>									
		<b>Source: 23L0716-01</b>							
Electrical Conductivity	2.02	0.01	mmhos/cm		2.00			0.916	10
pH	7.4	1.0	units		7.4			0.135	10
Electrical Conductivity umhos	2020	10.0	umhos/cm		2000			0.916	10
<b>Duplicate (BEL0498-DUP2)</b>									
		<b>Source: 23L0724-02</b>							
Electrical Conductivity	2.08	0.01	mmhos/cm		2.04			2.11	10
Electrical Conductivity umhos	2080	10.0	umhos/cm		2040			2.11	10
pH	7.3	1.0	units		7.3			0.274	10
<b>Reference (BEL0498-SRM1)</b>									
Electrical Conductivity	436		umhos/cm		426.0	102	90-110		
<b>Reference (BEL0498-SRM2)</b>									
pH	7.5		units		7.520	100	67021-101.3%		
<b>Reference (BEL0498-SRM3)</b>									
Electrical Conductivity	1050		umhos/cm		1000	105	90-110		
Electrical Conductivity umhos	1050		umhos/cm		1000	105	90-110		
<b>Reference (BEL0498-SRM4)</b>									
Electrical Conductivity	1070		umhos/cm		1000	107	90-110		
Electrical Conductivity umhos	1070		umhos/cm		1000	107	90-110		
<b>Reference (BEL0498-SRM5)</b>									
Electrical Conductivity	1090		umhos/cm		1000	109	90-110		

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



Tony Cox Dairy #3  
15410 Excelsior Ave  
Hanford, CA 93230

Account# 00-0025790  
Account Manager: Ben Nydam  
Submitted By: Christina Medieros

Received: 12/13/2023 7:00  
Reported: 12/20/2023 13:21

**Quality Control**  
**(Continued)**

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit
<b>Batch: BEL0498 (Continued)</b>									
<b>Reference (BEL0498-SRM5)</b>									
Electrical Conductivity umhos	1090		umhos/cm	1000	109	Prepared & Analyzed: 12/13/2023	90-110		
<b>Reference (BEL0498-SRM6)</b>									
pH	4.0		units	4.000	101	Prepared & Analyzed: 12/13/2023	97.5-102.5		
<b>Reference (BEL0498-SRM7)</b>									
pH	4.0		units	4.000	101	Prepared & Analyzed: 12/13/2023	97.5-102.5		
<b>Reference (BEL0498-SRM8)</b>									
pH	4.0		units	4.000	100	Prepared & Analyzed: 12/13/2023	97.5-102.5		

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12/13/23 07:00

23L0722

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



12/13/23 07:00

23L0722

**WATER WORK REQUEST**

Bill To: **25790**

---

Purchase Order No. \_\_\_\_\_ Results Needed By \_\_\_\_\_

Purchase Order No. \_\_\_\_\_

Client **Tony Cox Dairy #3**  
Address 15410 Excelsior Ave  
City, State, Zip Hanford CA 93230  
Email [dmaciels@lemoorennet.com](mailto:dmaciels@lemoorennet.com)

Copy to: mel\_tinamedeiros@yahoo.com

Requested by/Cell: Christina Medeiros/ 559-903-2490

Facility: \_\_\_\_\_

Date sampled \_\_\_\_\_

Sampled by Medeiros

QA/QC Document       Copy of Chain       RWOCB

## DESCRIPTION OF SAMPLES

### DESCRIPTION OF SAMPLES

1.	<i>Bain</i>	Sampled From:
2.		Sampled From:
3.		Sampled From:
4.		Sampled From:
5.		Sampled From:
6.		Sampled From:
7.		Sampled From:
8.		Sampled From:
9.		Sampled From:
10.		Sampled From:

**CHAIN OF CUSTODY**

Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)
First				12/12/23 11:30AM
Second	Shaylynn - DCI		12/12/23 11:32AM	
Third				
Fourth	att	DCI	12/13 07:00	

I guarantee that as the client, or on behalf of the client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable 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 delayed 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 Delvalle Laboratory, Inc., it will be submitted to mediation under the Rules and Procedures of Creative Alternative to Litigation, Inc. (csl). If the dispute is not resolved in mediation, then the dispute will be submitted to binding arbitration 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 attorney's fees of Delvalle Laboratory.

### **Invoicing Information:**

Medeiros Pricing 2023

Sampling Hrs	Miles	Consulting	\$
			Out
Amt Paid	Rec By	Check No.	Date

Sigma

Sample received in cooler with ice?

[ ] Yes [ ] No

[ ] Yes [ ] No

cit:update 2020



12/13/23 07:00

23L0722

<b>Shipping Information:</b> Shipped In <input type="checkbox"/> Picked-Up <input type="checkbox"/> Walk In <input checked="" type="checkbox"/> DLI Sampler <input type="checkbox"/> Other <input type="checkbox"/>											
<input type="checkbox"/> Samples refrigerated before pick up					<input type="checkbox"/> Picked up samples placed in ice chest						
<b>Container:</b> Ice Chest <input checked="" type="checkbox"/> Box <input type="checkbox"/> None <input type="checkbox"/>					<b>Refrigerant:</b> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> None <input type="checkbox"/>						
<b>Samples Preserved with HNO<sub>3</sub> or H<sub>2</sub>SO<sub>4</sub> were:</b> <input type="checkbox"/> Received Preserved <input type="checkbox"/> Preserved Upon Receipt at Laboratory											
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	* pH Value										
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	PO4-P Kit										
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	40 mL VOA, HCl (Blue) (Set of 3)										
Glass	40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)										
	250 mL AG unpreserved (White)										
	250 mL AG H <sub>2</sub> SO <sub>4</sub> (Yellow)										
	250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)										
	250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA										
	500 mL glass unpreserved (White)										
	500 mL AG HCl (Blue)										
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DO KIT											
Other:											
Other:											