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

DAIRY FACILITY INFORMATION

A. NAME OF DAIRY OR BUSINESS OPERATING THE DAIRY: Bapu Farming Company

Physical address of dairy:

7500 Ave. 14MaderaMadera93637Number and StreetCityCountyZip Code

Street and nearest cross street (if no address):

Date facility was originally placed in operation: 12/13/1983

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

County Assessor Parcel Number(s) for dairy facility:

X043-X073-X011-XXXX X043-X073-X012-XXXX

B. OPERATORS

Samran, Karun			
Operator name: Samran, Karun		Telephone no.: (559) 232-2986	(559) 661-1556
		Landline	Cellular
24341 Avenue 14	Madera	CA	93637
Mailing Address Number and Street	City	State	Zip Code
This operator is responsible for paying permit fees.			

C. OWNERS

Samran, Karun			
Legal owner name: Samran, Karun		Telephone no.: (559) 232-2986 Landline	(559) 661-1556 Cellular
24341 Avenue 14 Mailing Address Number and Street	Madera City	CA State	93637 Zip Code
This owner is responsible for paying permit fees.			

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

AVAILABLE NUTRIENTS

A. HERD INFORMATION

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	'		Calves (0-3 mo.)
Number open confinement	0	0	0	0	0	0
Number under roof	0	0	0	0	0	0
Maximum number	0	0	0	0	0	0
Average number	0	0	0	0	0	0
Avg live weight (lbs)	0	0	0	0		

Predominant milk cow breed: Holstein

Average milk production: 1 pounds per cow per day

B. MANURE GENERATED

Total manure excreted by the herd:

1.00 tons per reporting period

1.00 lbs per reporting period

C. PROCESS WASTEWATER GENERATED

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

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

D. FRESH WATER SOURCES

Source Description	Туре
Irrigation Wells	Ground water
IW 10	Ground water
IW 11	Ground water
IW 13	Ground water
IW 14	Ground water

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

Source Description	Туре
IW 8	Ground water
IW 9	Ground water
Reservoir North	Surface water
Reservoir South	Surface water

E. SUBSURFACE (TILE) DRAINAGE SOURCES

No subsurface (tile) drainage sources entered.

F. NUTRIENT IMPORTS

No dry manure nutrient imports entered.

No process wastewater nutrient imports entered.

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 (%)
10/09/2023	Compost	1,081.59 ton	Dry-weight	18.5		11,100.00	5,400.00	26,800.00		0.00
11/20/2023	Compost	6,173.90 ton	Dry-weight	18.5		11,100.00	5,400.00	26,800.00		0.00
12/09/2023	Compost	583.28 ton	Dry-weight	18.5		11,100.00	5,400.00	26,800.00		0.00

No liquid nutrient exports entered.

Material type	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Dry manure	141,826.87	68,996.85	342,428.83	0.00
Process wastewater	0.00	0.00	0.00	0.00
Total exports for all materials	141,826.87	68,996.85	342,428.83	0.00

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

APPLICATION AREA

A. LIST OF LAND APPLICATION AREAS

Field name	Controlled acres	Cropable acres	Total harvests	Type of waste applied	Parcel number
Field 1	96	96	1	none	X043-X073-X003-XXXX
Field 2	62	62	1	none	X043-X073-X003-XXXX
Field 3	91	91	1	none	X043-X024-X006-XXXX
Field 4	63	63	1	none	X043-X024-X006-XXXX
Field 5	57	57	1	none	X043-X024-X005-XXXX
Field 6	55	55	1	none	X043-X024-X005-XXXX
Field 7	57	57	1	none	X022-X200-X007-XXXX
					X043-X023-X005-XXXX
					X043-X024-X005-XXXX
Field 8	53	53	1	none	X022-X200-X007-XXXX
					X043-X023-X005-XXXX
					X043-X024-X005-XXXX
Totals for areas that were used for application					
Totals for areas that were not used for application	534	534	8		
Land application area totals	534	534	8		

B. CROPS AND HARVESTS

ld name: <u>Field</u>	1											
/11/2022: Pista	achios											
Crop: Pistachio	s								Acres plante	d: <u>96</u>	Plant date: 04/11	1/2022
Harvest date		Yield	Reporting ba	sis Density (lbs/	/cu ft)	Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)	
12/31/2023	0.10	ton	As-is			0.1	0.00	0.00	0.00		0.00	
		Yield	(tons/acre)	Total N (lbs/acre)	Tota	al P (lbs/acre)	Total K (lbs/acr	e) Salt	(lbs/acre)			
Anticipated har	vest content		3.00	168.00		18.00	150.0	00	0.00			
Total actual har	vest content		0.00	0.00		0.00	0.0	00	0.00			

Field 2

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

Fiel	Ы	2
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Field name: Field 2

04/12/2022: Pistachios

Crop: Pistachios Acres planted: 62 Plant date: 04/12/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 3

Field name: Field 3

04/13/2022: Pistachios

Crop: Pistachios Acres planted: 91 Plant date: 04/13/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 4

Field name: Field 4

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

Field 4

04/15/2022: Pistachios

 Crop: Pistachios
 Acres planted:
 63
 Plant date:
 04/15/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 5

Field name: Field 5

04/17/2022: Pistachios

Crop: Pistachios Acres planted: 57 Plant date: 04/17/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 6

Field name: Field 6

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

Field 6

04/18/2022: Pistachios

 Crop: Pistachios
 Acres planted:
 55
 Plant date:
 04/18/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 7

Field name: Field 7

04/20/2022: Pistachios

Crop: Pistachios Acres planted: 57 Plant date: 04/20/2022

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

	Yield (tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/acre)	Salt (lbs/acre)
Anticipated harvest content	3.00	168.00	18.00	150.00	0.00
Total actual harvest content	0.00	0.00	0.00	0.00	0.00

Field 8

Field name: Field 8

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

/22/2022: Pista	chios										
Crop: <u>Pistachio</u>	S							Acres planted:	53	Plant date: 04/22	2/2022
Harvest date		Yield	Reporting ba	sis Density (lbs/d	cu ft) Moisture (%)	N (mg/kg)	P (mg/kg)	K (mg/kg)	Salt (mg/kg)	TFS (%)	
12/31/2023	0.10	ton	As-is		0.1	0.00	0.00	0.00		0.00	
		Yield	(tons/acre)	Total N (lbs/acre)	Total P (lbs/acre)	Total K (lbs/ac	re) Salt	(lbs/acre)			
Anticipated harv	est content		3.00	168.00	18.00	150	.00	0.00			
Total actual harv	est content		0.00	0.00	0.00	0	.00	0.00			

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

NUTRIENT BUDGET

A. LAND APPLICATIONS

Field name: Field 1							
Crop: Pistachios					PI	ant date: <u>04/11/2022</u>	
Application date Application method		Precipitation 24 hours prior	Precipitation during application P		n Precipitat	recipitation 24 hours following	
05/03/2023 Surface (irrigation)	5/03/2023 Surface (irrigation)		No precipitation		No precip	No precipitation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amour	
Reservoir South	Surface water	43.13	0.00	0.00	2,575.07	24,084,000.00 gal	
Application event totals		43.13	0.00	0.00	2,575.07		

Field name: Fiel	d 2								
_	tachios						Pl	ant date: 04/12/2022	
Application date	Application method		Precipitation 24	hours prior	Precipitation d	uring applicatio	n Precipitati	Precipitation 24 hours following	
05/04/2023	Surface (irrigation)		No precipitation		No precipitation		No precip	No precipitation	
Source descrip	otion	Material type		N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amoun	
Reservoir Sou	th	Surface water		43.12	0.00	0.00	2,574.70	15,552,000.00 gal	
Application eve	ent totals			43.12	0.00	0.00	2,574.70		

Field 3 - 04/13/	2022: Pistachios			
Field name:	Field 3			
Crop:	Pistachios			Plant date: 04/13/2022
Application d	late Application method	Precipitation 24 hours prior	Precipitation during application	Precipitation 24 hours following

application date	Application method		Precipitation 24 ho	ours prior	Precipitation d	uring applicatio	n Precipitat	ion 24 hours following
05/05/2023	Surface (irrigation)		No precipitation		No precipitation	n	No precip	itation
Source descrip	otion	Material type		N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amou
Reservoir Sou	th	Surface water		43.13	0.00	0.00	2,574.94	22,828,500.00 gal
Application eve	ent totals			43.13	0.00	0.00	2,574.94	

ield name: Field 4							
Pistachios					PI	lant date: 04/15/2022	
Application date Application method		Precipitation 24 hours prior	Precipitation of	luring applicatio	n Precipitat	Precipitation 24 hours following	
05/06/2023 Surface (irrigation)		No precipitation	No precipitation	on	No precip	itation	
Source description	Material type	N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amou	
Reservoir South	Surface water	43.14	0.00	0.00	2,575.62	15,808,500.00 gal	
Application event totals		43.14	0.00	0.00	2,575.62		

Field name: Fiel	d 5								
Crop: Pist	achios						PI	ant date: 04/17/2022	
Application date	Application method		Precipitation 24 h	ours prior	Precipitation d	Precipitation during application		ion 24 hours following	
05/03/2023	Surface (irrigation)		No precipitation		No precipitation	ecipitation		No precipitation	
Source descrip	otion	Material type		N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amour	
Reservoir Nort	h	Surface water		31.62	0.00	0.00	1,486.54	14,301,000.00 gal	
Application eve	ent totals			31.62	0.00	0.00	1,486.54		

Field 6 - 04/18	/2022: Pistachios	
Field name:	Field 6	
Crop:	Pistachios	Plant date: 04/18/2022

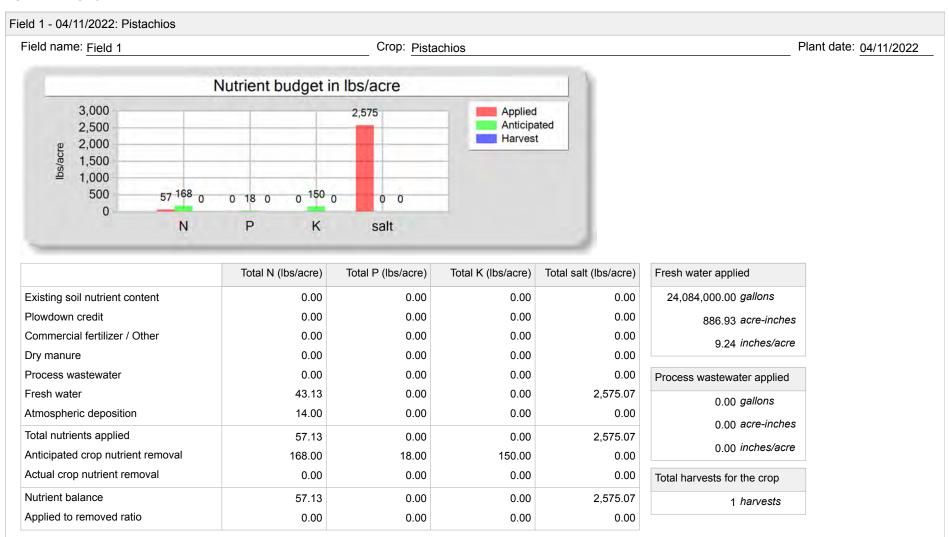
d 6 - 04/18/2022	2: Pistachios							
Application date	Application method		Precipitation 24 ho	ours prior	Precipitation d	luring applicatio	n Precipita	tion 24 hours following
05/04/2023	Surface (irrigation)		No precipitation		No precipitation	on	No precip	oitation
Source descrip	tion	Material type		N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amoun
Reservoir Nortl	h	Surface water		31.61	0.00	0.00	1,486.30	13,797,000.00 <i>gal</i>
Application eve	ent totals			31.61	0.00	0.00	1,486.30	

Field name: Fiel	ld 7								
Crop: Pis	tachios						PI	ant date: 04/20/2022	
Application date	Application method		Precipitation 24 h	ours prior	Precipitation during application No precipitation		n Precipitat	Precipitation 24 hours following No precipitation	
05/05/2023	Surface (irrigation)		No precipitation				No precip		
Source descrip	ption	Material type		N (lbs/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amou	
Reservoir Nor	th	Surface water		31.62	0.00	0.00	1,486.54	14,301,000.00 gal	
Application ev	ent totals			31.62	0.00	0.00	1,486.54		

Field name: Field 8								
Pistachios						PI	ant date: 04/22/2022	
Application date Application method		Precipitation 24 hours price	r	Precipitation during application		n Precipitat	Precipitation 24 hours following	
05/06/2023 Surface (irrigation)		No precipitation		No precipitation	n	No precip	itation	
Source description	Material type	N (lbs	s/acre)	P (lbs/acre)	K (lbs/acre)	Salt (lbs/acre)	Amou	
Reservoir North	Surface water		31.60	0.00	0.00	1,486.04	13,293,000.00 gal	
Application event totals			31.60	0.00	0.00	1,486.04		

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

B. NUTRIENT BUDGET



Applied to removed ratio

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

Field 2 - 04/12/2022: Pistachios Field name: Field 2 Crop: Pistachios Plant date: 04/12/2022 Nutrient budget in lbs/acre 3,000 Applied 2,575 Anticipated 2.500 Harvest 2,000 1,500 1,000 500 57 168 0 0 150 0 0 18 0 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 15,552,000.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 572.73 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 43.12 0.00 0.00 2,574.70 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 57.12 0.00 0.00 2,574.70 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 57.12 0.00 2,574.70 0.00 1 harvests

0.00

0.00

0.00

0.00

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Field 3 - 04/13/2022: Pistachios Field name: Field 3 Crop: Pistachios Plant date: 04/13/2022 Nutrient budget in lbs/acre 3,000 Applied 2,575 Anticipated 2.500 Harvest 2,000 1,500 1,000 500 57 168 0 0 150 0 0 18 0 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 22,828,500.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 840.70 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 43.13 0.00 0.00 2.574.94 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 57.13 0.00 0.00 2,574.94 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 57.13 0.00 2,574.94 0.00 1 harvests Applied to removed ratio 0.00 0.00 0.00 0.00

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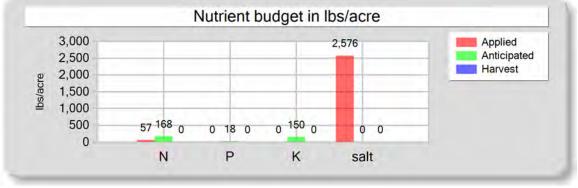
Field 4 - 04/15/2022: Pistachios

Field name: Field 4

Crop: Pistachios

Plant date: 04/15/2022

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	0.00	0.00	0.00	0.00
Fresh water	43.14	0.00	0.00	2,575.62
Atmospheric deposition	14.00	0.00	0.00	0.00
Total nutrients applied	57.14	0.00	0.00	2,575.62
Anticipated crop nutrient removal	168.00	18.00	150.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	57.14	0.00	0.00	2,575.62
Applied to removed ratio	0.00	0.00	0.00	0.00

Fresh water applied
15,808,500.00 gallons
582.17 acre-inches
9.24 inches/acre

Process wastewater applied
0.00 gallons
0.00 acre-inches
0.00 inches/acre
Total harvests for the crop

1 harvests

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Field 5 - 04/17/2022: Pistachios Field name: Field 5 Crop: Pistachios Plant date: 04/17/2022 Nutrient budget in lbs/acre 1,600 Applied 1,400 Anticipated 487 1,200 Harvest 1,000 800 600 400 150 200 0 18 0 0 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 14,301,000.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 526.66 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 31.62 0.00 0.00 1.486.54 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 45.62 0.00 0.00 1,486.54 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 45.62 1,486.54 0.00 0.00 1 harvests Applied to removed ratio 0.00 0.00 0.00 0.00

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Field 6 - 04/18/2022: Pistachios Field name: Field 6 Crop: Pistachios Plant date: 04/18/2022 Nutrient budget in lbs/acre 1,600 Applied 1,400 Anticipated 486 1,200 Harvest 1,000 800 600 400 150 200 0 18 0 0 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 13,797,000.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 508.10 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 31.61 0.00 0.00 1,486.30 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 45.61 0.00 0.00 1,486.30 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 1,486.30 45.61 0.00 0.00 1 harvests Applied to removed ratio 0.00 0.00 0.00 0.00

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Field 7 - 04/20/2022: Pistachios Field name: Field 7 Crop: Pistachios Plant date: 04/20/2022 Nutrient budget in lbs/acre 1,600 Applied 1,400 Anticipated 487 1,200 Harvest 1,000 800 600 400 150 200 0 18 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 14,301,000.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 526.66 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 31.62 0.00 0.00 1.486.54 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 45.62 0.00 0.00 1,486.54 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 45.62 1,486.54 0.00 0.00 1 harvests Applied to removed ratio

0.00

0.00

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0.00

0.00

Field 8 - 04/22/2022: Pistachios Field name: Field 8 Crop: Pistachios Plant date: 04/22/2022 Nutrient budget in lbs/acre 1,600 Applied 1,400 Anticipated 486 1,200 Harvest 1,000 800 600 400 150 200 0 18 0 0 0 0 N P K salt Total N (lbs/acre) Total P (lbs/acre) Total K (lbs/acre) Total salt (lbs/acre) Fresh water applied Existing soil nutrient content 0.00 0.00 0.00 0.00 13,293,000.00 gallons Plowdown credit 0.00 0.00 0.00 0.00 489.54 acre-inches Commercial fertilizer / Other 0.00 0.00 0.00 0.00 9.24 inches/acre Dry manure 0.00 0.00 0.00 0.00 Process wastewater 0.00 0.00 0.00 0.00 Process wastewater applied Fresh water 31.60 0.00 0.00 1.486.04 0.00 gallons Atmospheric deposition 14.00 0.00 0.00 0.00 0.00 acre-inches Total nutrients applied 45.60 0.00 0.00 1,486.04 0.00 inches/acre Anticipated crop nutrient removal 0.00 168.00 18.00 150.00 Actual crop nutrient removal 0.00 0.00 0.00 0.00 Total harvests for the crop Nutrient balance 1,486.04 45.60 0.00 0.00 1 harvests Applied to removed ratio 0.00 0.00 0.00 0.00

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

NUTRIENT ANALYSES

A. MANURE ANALYSES

Sample a	and source descrip	otion: Drying	g Solids								
Sample of	date: 04/17/2023	Material	type: Compos	t		Source of an	alysis: Lab an	alysis	Method of r	reporting:	Dry-weight
Moisture	35.6	%									
	Total N	Total D	Total IX	Calaium	Mannasium	C a di una	C. Je	Chlavida	Tatal asit	TEC	
	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											

rying Solid	ls										
Sample a	nd source descri	ption: Dryin	g Solids								
Sample d	Sample date: 10/10/2023 Material type: Compost Source of analysis: Lab analysis Method of reporting: Dry-w										
Moisture:	18.5	%				_					
	Total N	Total P	Total K	Calcium	Magnesium	Sodium	Sulfur	Chloride	Total salt	TFS	
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(%)	
Value	11,100.00	5,400.00	26,800.00							0.00	
DL	100.00	100.00	100.00							0.01	

B. PROCESS WASTEWATER ANALYSES

W1stC	Q														
Sampl	e and source	e descripti	on: WW1st	tQ											
Sampl	e date: <u>02/1</u>	4/2023	Material ty	/pe: Proces	s wastewa	ter		Source of	analysis: La	ab analysis		pH: <u>8.3</u>	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)
Value	82.80	14.60	0.00	1.10	45.60	1,450.00	56.70	62.60	263.00	1,270.00	0.00	221.00	1,210.00	7,810.00	5,50
DL	1.00	0.50	0.50	0.10	0.10	0.50	0.10	0.10	1.00	10.00	1.00	0.50	0.20	10.00	1

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

WW2ndQ

Sample and source description: WW2ndQ

Sample date: 06/05/2023 Material type: Process wastewater Source of analysis: Lab analysis pH: 8.50

Sampi	e date. <u>06/0</u>	05/2023	iviateriai ty	vialerial type. Process wastewater					Source of analysis. Lab analysis				_ pn. <u>8.50</u>			
	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	139.00	8.42	0.00	1.00	128.00	2,750.00								12,400.00	9,560	
DL	1.00	0.50	0.50	0.10	0.10	2,750.00								10.00	10	

C. FRESH WATER ANALYSES

IW 10

Ag Supply Well

Sample description: Ag Supply Well

Sample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	17.30	0.00	16.50	110.00	33.90	74.00	276.00	0.00	56.40	93.00	1,110.00	670
DL	1.00	0.50	0.10	0.10	0.10	1.00	5.00	1.00	0.50	0.10	10.00	10

IW 11

Ag Supply Well

Sample description: Ag Supply Well

Sample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	53.30	0.00	53.30	253.00	63.60	107.00	335.00	0.00	63.10	316.00	2,270.00	1,640
DL	1.00	0.50	0.10	0.10	0.10	1.00	5.00	1.00	0.50	0.20	10.00	10

IW 14

06/12/2024 14:24:39 Page 21 of 28

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

IW 14

Ag Supply Well

Sample description: Ag Supply Well

Sample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	20.50	0.00	20.20	168.00	42.00	76.00	215.00	0.00	42.30	266.00	1,630.00	1,250
DL	1.00	0.50	0.10	0.10	0.10	1.00	5.00	1.00	0.50	0.20	10.00	10

Reservoir North

Reservoir North

Sample description: Reservoir North

Sample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	15.10	0.00	15.00								1,020.00	710
DL	1.00	0.50	0.10								10.00	10

Reservoir South

Reservoir South

Sample description: Reservoir South

Sample date: 09/22/2023 Source of analysis: Lab analysis

	Total N (mg/L)	NH4-N (mg/L)	Nitrate-N (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sodium (mg/L)	Bicarbonate (mg/L)	Carbonate (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	20.60	0.00	20.20								1,510.00	1,230
DL	1.00	0.50	0.10								10.00	10

D. SOIL ANALYSES

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

No soil analyses entered.

E. PLANT TISSUE ANALYSES

No plant tissue analyses entered.

F. SUBSURFACE (TILE) DRAINAGE ANALYSES

No subsurface (tile) drainage analyses entered.

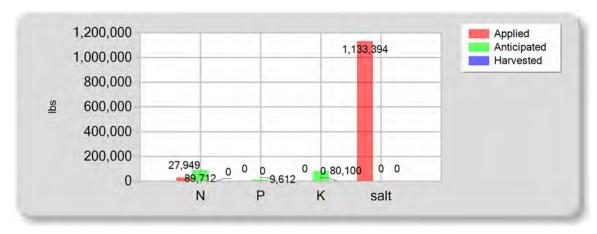
Reporting period 01/01/2023 to 12/31/2023.

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	0.00	0.00	0.00	0.00
Fresh water	20,473.40	0.00	0.00	1,133,393.78
Atmospheric deposition	7,476.00	0.00	0.00	0.00
Total nutrients applied	27,949.40	0.00	0.00	1,133,393.78
Anticipated crop nutrient removal	89,712.00	9,612.00	80,100.00	0.00
Actual crop nutrient removal	0.00	0.00	0.00	0.00
Nutrient balance	27,949.40	0.00	0.00	1,133,393.78
Applied to removed ratio	0.00	0.00	0.00	0.00

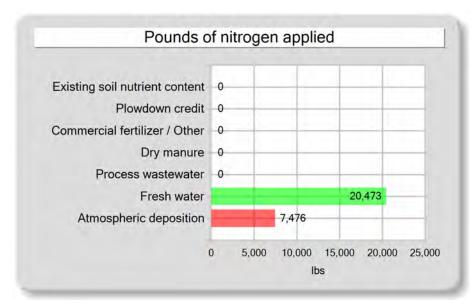
B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL

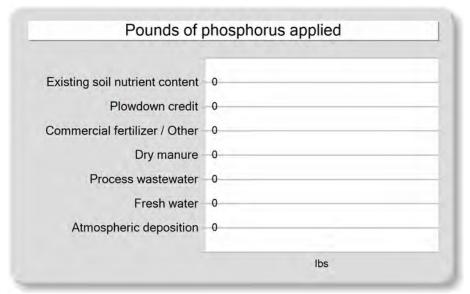


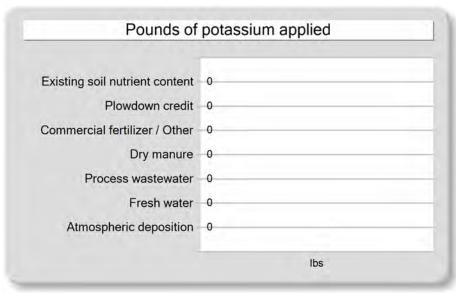
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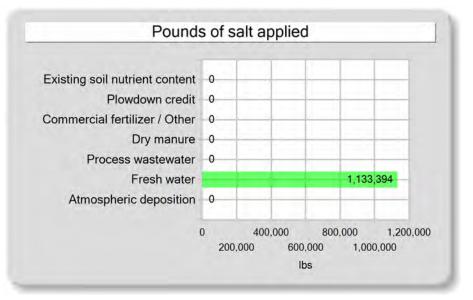
Reporting period 01/01/2023 to 12/31/2023.

C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE









Bapu Farming Company | 7500 Ave. 14 | Madera, CA 93637 | Madera County | San Joaquin River Basin 06/12/2024 14:24:39 Page 25 of 28

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
3. 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?	<u>No</u>

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

ADDITIONAL NOTES

A. NOTES

Irrigation wells IW #8, 9 & 13 and Domestic wells #1, 2, & 3 were non-operational in 2023 and will be sampled once wells become operational.

A 3rd & 4th quarter wastewater sample was not taken due to no wastewater generation. No water available for sampling.

Field 1-8 Pistachios received no wastewater or solid manure in 2023. All nutrients applied to these fields was contributed through freshwater applications only.

There were no animals onsite in 2023. All animals were removed in November 2022 by previous operator.

All exported manure was generated from the clean out of the corrals after all animals were removed from the facility.

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

CERTIFICATION

A. OWNER AND/OR OPERATOR CERTIFICATION

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

Karun Samran

SIGNATURE OF OWNER OF FACILITY SIGNATURE OF OPERATOR OF FACILITY

Karun Samran SAME AS OWNER

PRINT OR TYPE NAME PRINT OR TYPE NAME

6/13/2024

DATE DATE

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.

Last date hauled: 10/09/2023

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 INFORMAT	TION	
Name of Operator: Karun Samran			
Name of Dairy Facility: Bapu Farming Com	pany		
Facility Address:			
7500 Ave. 14	Madera	Madera	93637
Number and Street	City	County	Zip Code
Contact Person Name and Phone Number:	Karun Samran		(559) 232-2986
	Name		Phone Number
	MANURE HAULER INFORI	MATION	
Name of Hauling Company/Person: Richie	e lest Farms, Inc.		
Address of Hauling Company/Person:			
14676 Avenue 14	Madera	CA	93637
Number and Street	City	State	Zip Code
Contact Person: Richie lest			(559) 706-0749
Name			Phone Number
	DESTINATION INFORMA	ATION	
		111011	
Composting Facility / Broker / Farmer / Othe	r (identify): Farmer	WHO IV	
	· · · · · ·		
Contact information of Composting Facility,	· · · · · ·		(559) 232-2986
Contact information of Composting Facility, Bapu Almonds	· · · · · ·		(559) 232-2986 Phone Number
Contact information of Composting Facility, Bapu Almonds Name	· · · · · ·	tified above): CA	
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14	Broker, Farmer, or Other (as iden	tified above):	Phone Number
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address	Broker, Farmer, or Other (as iden Madera City	tified above): CA	Phone Number 93637
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No	Broker, Farmer, or Other (as iden Madera City	tified above): CA	Phone Number 93637
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No. 24341 Avenue 14	Madera City Cas iden	tified above): CA State	Phone Number 93637
Composting Facility / Broker / Farmer / Other Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No. 24341 Avenue 14 Address Street and nearest cross street (if no address)	Madera City Madera Madera	tified above): CA State 93637	Phone Number 93637

Manure / Process Wastewater Tracking Manifest For Existing Milk Cow Dairies

Existing Milk Cow Dai	ries
General Order No. R5-2007-0035	, Attachment D
MANURE AMOUNT HAI	ULED
Enter the amount of manure hauled in tons, manure solids content, and the n	nethod used to calculate the amount:
Manure: 1,081.59 tons	
Manure Solids Content: 81.5 %	
Method used to determine amount of manure:	
Number of loads multiplied by load weight	
CERTIFICATION	
I declare under penalty of law that I personally examined and am familiar v based on my inquiry of those individuals immediately responsible for obtain accurate, and complete. I am aware that there are significant penalties for fine and imprisonment for knowing violations. —DocuSigned by:	ing the information, I believe that the information is true
karun Samran	6/13/2024
Operator signature	Date
Richie lest	6/18/2024
Hauler Signature	Date

Last date hauled: 11/20/2023

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 INFORMAT	TION	
Name of Operator: Karun Samran		-	
Name of Dairy Facility: Bapu Farming Cor	mpany		
Facility Address:			
7500 Ave. 14	Madera	Madera	93637
Number and Street	City	County	Zip Code
Contact Person Name and Phone Number	: Karun Samran		(559) 232-2986
	Name		Phone Number
	MANURE HAULER INFORI	MATION	
Name of Hauling Company/Person: Rich	ie lest Farms, Inc.		
Address of Hauling Company/Person:			
14676 Avenue 14	Madera	CA	93637
Number and Street	City	State	Zip Code
Contact Person: Richie lest		(559) 706-0749	
Name			Phone Number
	DESTINATION INFORMA	ATION	
Composting Facility / Broker / Farmer / Oth		ATION	
	ner (identify): <u>Farmer</u>	-	
Contact information of Composting Facility	ner (identify): <u>Farmer</u>	-	(559) 232-2986
Contact information of Composting Facility Bapu Almonds	ner (identify): <u>Farmer</u>	-	(559) 232-2986 Phone Number
Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14	ner (identify): <u>Farmer</u> , Broker, Farmer, or Other (as iden Madera	tified above):	Phone Number 93637
Composting Facility / Broker / Farmer / Oth Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14 Address	ner (identify): <u>Farmer</u> , Broker, Farmer, or Other (as iden	tified above):	Phone Number
Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14	Per (identify): Farmer Broker, Farmer, or Other (as iden Madera City	tified above):	Phone Number 93637
Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel N	Per (identify): Farmer Broker, Farmer, or Other (as iden Madera City	tified above): CA State 93637	Phone Number 93637
Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel N	Madera City Number:	tified above): CA State	Phone Number 93637
Contact information of Composting Facility Bapu Almonds Name 24341 Avenue 14 Address	Madera City Madera Madera Madera	tified above): CA State 93637	Phone Number 93637

Manure / Process Wastewater Tracking Manifest For Existing Milk Cow Dairies

Existing	g Milk Cow Dairies
General Order No.	R5-2007-0035, Attachment D
MANURE	E AMOUNT HAULED
Enter the amount of manure hauled in tons, manure solids con	ntent, and the method used to calculate the amount:
Manure: 6,173.90 tons	
Manure Solids Content: 81.5 %	
Method used to determine amount of manure:	
Number of loads multiplied by load weight	
CE	ERTIFICATION
based on my inquiry of those individuals immediately respon	nd am familiar with the information submitted in this document, and that is in a sible for obtaining the information, I believe that the information is true not penalties for submitting false information, including the possibility of a
karun Samran	6/13/2024
Ope 5509201180772448	Date
Richie lest	6/18/2024
Hauler Signature	Date

Last date hauled: 12/09/2023

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 INFORMAT	TION	
Name of Operator: Karun Samran			
Name of Dairy Facility: Bapu Farming Com	pany		
Facility Address:			
7500 Ave. 14	Madera	Madera	93637
Number and Street	City	County	Zip Code
Contact Person Name and Phone Number:	Karun Samran		(559) 232-2986
	Name		Phone Number
	MANURE HAULER INFORI	MATION	
Name of Hauling Company/Person: Richie	e lest Farms, Inc.		
Address of Hauling Company/Person:			
14676 Avenue 14	Madera	CA	93637
Number and Street	City	State	Zip Code
Contact Person: Richie lest			(559) 706-0749
Name			Phone Number
	DESTINATION INFORMA	ATION	
		111011	
Composting Facility / Broker / Farmer / Othe	r (identify): Farmer	WHO IV	
	· · · · · ·		
Contact information of Composting Facility,	· · · · · ·		(559) 232-2986
Contact information of Composting Facility, Bapu Almonds	· · · · · ·		(559) 232-2986 Phone Number
Contact information of Composting Facility, Bapu Almonds Name	· · · · · ·	tified above): CA	
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14	Broker, Farmer, or Other (as iden	tified above):	Phone Number
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address	Broker, Farmer, or Other (as iden Madera City	tified above): CA	Phone Number 93637
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No	Broker, Farmer, or Other (as iden Madera City	tified above): CA	Phone Number 93637
Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No. 24341 Avenue 14	Madera City Cas iden	tified above): CA State	Phone Number 93637
Composting Facility / Broker / Farmer / Other Contact information of Composting Facility, Bapu Almonds Name 24341 Avenue 14 Address Destination Address or Assessor's Parcel No. 24341 Avenue 14 Address Street and nearest cross street (if no address)	Madera City Madera Madera	tified above): CA State 93637	Phone Number 93637

Manure / Process Wastewater Tracking Manifest For Existing Milk Cow Dairies

Existing Milk	Cow Dairies
General Order No. R5-2	007-0035, Attachment D
MANURE AMO	DUNT HAULED
Enter the amount of manure hauled in tons, manure solids content,	and the method used to calculate the amount:
Manure: 583.28 tons	
Manure Solids Content: 81.5 %	
Method used to determine amount of manure:	
Number of loads multiplied by load weight	
CERTIF	ICATION
I declare under penalty of law that I personally examined and am based on my inquiry of those individuals immediately responsible accurate, and complete. I am aware that there are significant per fine and imprisonment for knowing violations.	for obtaining the information, I believe that the information is true
teanun Samran	6/13/2024
Operator: Signature	Date
Richie lest	6/18/2024
Hauler Signature	Date



Bapu Farming Company, Inc. 24341 Avenue 14 Madera, CA 93639 Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Сгор	Date Sampled
23I1505-01	IW #10	Ag Water	Karun	Irrigation Wells	09/22/2023 8:13
23I1505-02	IW #11	Ag Water	Karun	Irrigation Wells	09/22/2023 8:22
23I1505-03	IW #14	Ag Water	Karun	Irrigation Wells	09/22/2023 8:29

Default Cooler

Temperature on Receipt °C: -0.9

Containers Intact COC/Labels Agree Received On Ice

Definition

Notes and Definitions

rtem	Definition
Н	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

Scott M Frielland

ELAP Certification #1595 A2LA Certification #6440.02



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Sample Results

Sample: IW #10 Sampled: 9/22/2023 8:13

23I1505-01 (Water) Sampled By: Karun

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	276	mg/L	10.0	1		09/27/23 09:45	SM 2320 B		BEI0863
Calcium	110	mg/L	0.1	1		09/25/23 14:32	EPA 200.7		BEI0786
Chloride	93.0	mg/L	0.2	1	250	09/22/23 20:56	EPA 300.0		BEI0835
Carbonate as CaCO3	ND	mg/L	1	1		09/27/23 09:45	SM 2320 B		BEI0863
Electrical Conductivity	1.11	mmhos/cm	0.01	1		09/27/23 09:45	SM 2510 B		BEI0863
Electrical Conductivity umhos	1110	umhos/cm	10.0	1		09/27/23 09:45	SM 2510 B		BEI0863
Bicarbonate as CaCO3	276	mg/L	5.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Potassium	7.49	mg/L	0.500	1		09/25/23 14:32	EPA 200.7		BEI0786
Magnesium	33.9	mg/L	0.1	1		09/25/23 14:32	EPA 200.7		BEI0786
Sodium	74	mg/L	1	1		09/25/23 14:32	EPA 200.7		BEI0786
Ammonia (as N)	*	mg/L	0.00	1		09/22/23 08:13	Field		BEI1089
Nitrate Nitrogen as NO3N	16.5	mg/L	0.1	1	10	09/22/23 20:56	EPA 300.0		BEI0835
Hydroxide as CaCO3	ND	mg/L	1.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Temperature	25.0	units	0.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
рН	8.0	units	1.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
Sulfate (SO4)	56.4	mg/L	0.5	1	250	09/22/23 20:56	EPA 300.0		BEI0835
Total Filterable Solids (TDS)	670	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		10/03/23 10:45	SM 4500-NH3 C		BEJ0001
Total Nitrogen	17.3	mg/L	1.00	1		10/03/23 10:45	SM 4500-NH3 C		BEJ0001



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Sample Results (Continued)

Sample: IW #11 Sampled: 9/22/2023 8:22

23I1505-02 (Water) Sampled By: Karun

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
•						•			
Alkalinity as CaCO3	335	mg/L	10.0	1		09/27/23 09:45	SM 2320 B		BEI0863
Calcium	253	mg/L	0.1	1		09/25/23 14:34	EPA 200.7		BEI0786
Chloride	316	mg/L	0.2	1	250	09/22/23 21:15	EPA 300.0		BEI0835
Carbonate as CaCO3	ND	mg/L	1	1		09/27/23 09:45	SM 2320 B		BEI0863
Electrical Conductivity	2.27	mmhos/cm	0.01	1		09/27/23 09:45	SM 2510 B		BEI0863
Electrical Conductivity umhos	2270	umhos/cm	10.0	1		09/27/23 09:45	SM 2510 B		BEI0863
Bicarbonate as CaCO3	335	mg/L	5.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Potassium	7.22	mg/L	0.500	1		09/25/23 14:34	EPA 200.7		BEI0786
Magnesium	63.6	mg/L	0.1	1		09/25/23 14:34	EPA 200.7		BEI0786
Sodium	107	mg/L	1	1		09/25/23 14:34	EPA 200.7		BEI0786
Ammonia (as N)	*	mg/L	0.00	1		09/22/23 08:22	Field		BEI1089
Nitrate Nitrogen as NO3N	53.3	mg/L	0.1	1	10	09/22/23 21:15	EPA 300.0		BEI0835
Hydroxide as CaCO3	ND	mg/L	1.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Temperature	25.0	units	0.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
рН	7.5	units	1.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
Sulfate (SO4)	63.1	mg/L	0.5	1	250	09/22/23 21:15	EPA 300.0		BEI0835
Total Filterable Solids (TDS)	1640	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		10/03/23 10:46	SM 4500-NH3 C		BEJ0001
Total Nitrogen	53.3	mg/L	1.00	1		10/03/23 10:46	SM 4500-NH3 C		BEJ0001



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Sample Results (Continued)

Sample: IW #14

23I1505-03 (Water)

Sampled: 9/22/2023 8:29

Sampled By: Karun

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	215	mg/L	10.0	1		09/27/23 09:45	SM 2320 B		BEI0863
Calcium	168	mg/L	0.1	1		09/25/23 14:42	EPA 200.7		BEI0786
Chloride	266	mg/L	0.2	1	250	09/26/23 17:03	EPA 300.0		BEI0836
Carbonate as CaCO3	ND	mg/L	1	1		09/27/23 09:45	SM 2320 B		BEI0863
Electrical Conductivity	1.63	mmhos/cm	0.01	1		09/27/23 09:45	SM 2510 B		BEI0863
Electrical Conductivity umhos	1630	umhos/cm	10.0	1		09/27/23 09:45	SM 2510 B		BEI0863
Bicarbonate as CaCO3	215	mg/L	5.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Potassium	6.05	mg/L	0.500	1		09/25/23 14:42	EPA 200.7		BEI0786
Magnesium	42.0	mg/L	0.1	1		09/25/23 14:42	EPA 200.7		BEI0786
Sodium	76	mg/L	1	1		09/25/23 14:42	EPA 200.7		BEI0786
Ammonia (as N)	*	mg/L	0.00	1		09/22/23 08:29	Field		BEI1089
Nitrate Nitrogen as NO3N	20.2	mg/L	0.1	1	10	09/22/23 21:35	EPA 300.0		BEI0835
Hydroxide as CaCO3	ND	mg/L	1.00	1		09/27/23 09:45	SM 2320 B		BEI0863
Temperature	25.0	units	0.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
рН	8.0	units	1.0	1		09/27/23 09:45	SM 4500-H+	Н	BEI0863
Sulfate (SO4)	42.3	mg/L	0.5	1	250	09/22/23 21:35	EPA 300.0		BEI0835
Total Filterable Solids (TDS)	1250	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		10/03/23 10:48	SM 4500-NH3 C		BEJ0001
Total Nitrogen	20.5	mg/L	1.00	1		10/03/23 10:48	SM 4500-NH3 C		BEJ0001



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0786									
Blank (BEI0786-BLK1)				Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Calcium	ND	0.1	mg/L						
Sodium	ND	1	mg/L						
Potassium	ND	0.500	mg/L						
Magnesium	ND	0.1	mg/L						
Blank (BEI0786-BLK2)				Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Calcium	ND	0.1	mg/L						
Sodium	ND	1	mg/L						
Potassium	ND	0.500	mg/L						
Magnesium	ND	0.1	mg/L						
LCS (BEI0786-BS1)				Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Sodium	38	1	mg/L	35.71		106	90-110		
Potassium	37.3	0.500	mg/L	35.71		104	90-110		
Calcium	37.6	0.1	mg/L	35.71		105	90-110		
Magnesium	38.4	0.1	mg/L	35.71		108	90-110		
LCS (BEI0786-BS2)				Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Potassium	37.0	0.500	mg/L	35.71		104	90-110		
Sodium	37	1	mg/L	35.71		105	90-110		
Calcium	37.5	0.1	mg/L	35.71		105	90-110		
Magnesium	38.2	0.1	mg/L	35.71		107	90-110		
Duplicate (BEI0786-DUP1)	Source:	23I1338-01		Prepared: 9/22	./2023 Analyz	zed: 9/25/20	23		
Calcium	65.8	0.1	mg/L		64.7			1.56	15
Potassium	ND	0.500	mg/L		ND				15
Sodium	37	1	mg/L		37			0.927	15
Magnesium	4.6	0.1	mg/L		4.5			1.32	15
Matrix Spike (BEI0786-MS1)	Source:	23I1338-01		Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Potassium	38.4	0.500	mg/L	35.71	ND	108	90-110		
Sodium	75	1	mg/L	35.71	37	107	90-110		
Calcium	103	0.1	mg/L	35.71	64.7	108	90-110		
Magnesium	43.5	0.1	mg/L	35.71	4.5	109	90-110		
Matrix Spike (BEI0786-MS2)	Source:	23I1505-03		Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Sodium	115	1	mg/L	35.71	76	111	90-110		
Calcium	209	0.1	mg/L	35.71	168	115	90-110		
Potassium	45.4	0.500	mg/L	35.71	6.05	110	90-110		
Magnesium	82.4	0.1	mg/L	35.71	42.0	113	90-110		
Reference (BEI0786-SRM2)				Prepared: 9/22	2/2023 Analyz	zed: 9/25/20	23		
Potassium	22.9		mg/L	21.90		104	90-110		

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Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0786 (Continued)									
Reference (BEI0786-SRM2)			Pro	epared: 9/22	/2023 Analyze	ed: 9/25/202	.3		
Sodium	96		mg/L	91.50		105	90-110		
Reference (BEI0786-SRM3)			Pro	epared: 9/22	/2023 Analyze	ed: 9/25/202	3		
Calcium	48.7		mg/L	45.90		106	90-110		
Magnesium	37.8		mg/L	35.60		106	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Quality Control (Continued)

		Danastiaa		Calles	C		0/ DEC		RPD
Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	Limit
Batch: BEI0835									
Blank (BEI0835-BLK1)				Prepared	& Analyzed: 9	9/22/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEI0835-BLK2)				Prepared	& Analyzed: 9	9/22/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEI0835-BLK3)				Prepared	& Analyzed: 9	9/23/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
LCS (BEI0835-BS1)				Prepared	& Analyzed: 9	9/22/2023			
Chloride	4.9	0.2	mg/L	5.000		98.7	90-110		
Nitrate Nitrogen as NO3N	5.1	0.1	mg/L	5.000		101	90-110		
Sulfate (SO4)	4.7	0.5	mg/L	5.000		94.0	90-110		
LCS (BEI0835-BS2)				Prepared	& Analyzed: 9	9/23/2023			
Chloride	4.9	0.2	mg/L	5.000		98.2	90-110		
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000		101	90-110		
Sulfate (SO4)	4.7	0.5	mg/L	5.000		93.0	90-110		
Duplicate (BEI0835-DUP1)	Source:	23I1497-01		Prepared	& Analyzed: 9	9/22/2023			
Chloride	7.5	0.2	mg/L		7.4			0.978	10
Nitrate Nitrogen as NO3N	3.7	0.1	mg/L		3.7			1.02	10
Sulfate (SO4)	14.6	0.5	mg/L		14.4			1.44	10
Duplicate (BEI0835-DUP2)	Source:	23I1501-02		Prepared	& Analyzed: 9	9/23/2023			
Chloride	7.7	0.2	mg/L		7.7			0.609	10
Nitrate Nitrogen as NO3N	2.9	0.1	mg/L		2.9			0.582	10
Sulfate (SO4)	11.0	0.5	mg/L		10.9			0.658	10
Matrix Spike (BEI0835-MS1)	Source:	23I1497-01		Prepared	& Analyzed: 9	9/22/2023			
Chloride	12.4	0.2	mg/L	5.000	7.4	99.4	90-110		
Nitrate Nitrogen as NO3N	8.7	0.1	mg/L	5.000	3.7	100	90-110		
Sulfate (SO4)	19.4	0.5	mg/L	5.000	14.4	101	90-110		
Matrix Spike (BEI0835-MS2)	Source:	23I1501-02		Prepared	& Analyzed: 9	9/23/2023			
Chloride	12.7	0.2	mg/L	5.000	7.7	99.9	90-110		
Nitrate Nitrogen as NO3N	8.0	0.1	mg/L	5.000	2.9	102	90-110		
Sulfate (SO4)	15.9	0.5	mg/L	5.000	10.9	99.7	90-110		

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Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Analyte	Result Qual	Reporting Limit U	Jnits	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0835 (Continued)									
Reference (BEI0835-SRM1)				Prepared 8	& Analyzed: 9,	/22/2023			
Chloride	12.5	n	mg/L	12.50		100	90-110		
Nitrate Nitrogen as NO3N	10.0	n	mg/L	10.00		100	90-110		
Sulfate (SO4)	9.7	n	mg/L	10.00		96.9	90-110		
Reference (BEI0835-SRM2)				Prepared 8	& Analyzed: 9,	/22/2023			
Chloride	12.6	n	mg/L	12.50		101	90-110		
Nitrate Nitrogen as NO3N	10.1	n	ng/L	10.00		101	90-110		
Sulfate (SO4)	9.7	n	mg/L	10.00		97.1	90-110		
Reference (BEI0835-SRM3)				Prepared 8	& Analyzed: 9,	/23/2023			
Chloride	12.6	n	mg/L	12.50		101	90-110		
Nitrate Nitrogen as NO3N	10.1	n	mg/L	10.00		101	90-110		
Sulfate (SO4)	9.8	n	mg/L	10.00		97.7	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0836									
Blank (BEI0836-BLK1)				Prepared	& Analyzed: 9	9/26/2023			
Chloride	ND	0.2	mg/L						
Blank (BEI0836-BLK2)				Prepared	& Analyzed: 9	9/26/2023			
Chloride	ND	0.2	mg/L						
Blank (BEI0836-BLK3)				Prepared	& Analyzed: 9	9/27/2023			
Chloride	ND	0.2	mg/L						
LCS (BEI0836-BS1)				Prepared	& Analyzed: 9	9/26/2023			
Chloride	4.8	0.2	mg/L	5.000	,	96.3	90-110		
LCS (BEI0836-BS2)				Prepared	& Analyzed: 9	9/27/2023			
Chloride	4.9	0.2	mg/L	5.000	,	97.0	90-110		
Duplicate (BEI0836-DUP1)	Source: 2	23I1558-01		Prepared	& Analyzed: 9	9/26/2023			
Chloride	97.2	0.2	mg/L	·	97.0			0.213	10
Duplicate (BEI0836-DUP2)	Source: 2	23I1550-01		Prepared	& Analyzed: 9	9/27/2023			
Chloride	7.0	0.2	mg/L		6.9			0.731	10
Matrix Spike (BEI0836-MS1)	Source: 2	23I1558-01		Prepared	& Analyzed: 9	9/26/2023			
Chloride	101.4	0.2	mg/L	5.000	97.0	88.1	90-110		
Matrix Spike (BEI0836-MS2)	Source: 2	23I1550-01		Prepared	& Analyzed: 9	9/27/2023			
Chloride	11.9	0.2	mg/L	5.000	6.9	99.2	90-110		
Reference (BEI0836-SRM1)				Prepared	& Analyzed: 9	9/26/2023			
Chloride	12.6		mg/L	12.50		101	90-110		
Reference (BEI0836-SRM2)				Prepared	& Analyzed: 9	9/26/2023			
Chloride	12.7		mg/L	12.50		101	90-110		
Reference (BEI0836-SRM3)				Prepared	& Analyzed: 9	9/27/2023			
Chloride	12.7		mg/L	12.50	. ,	102	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0860									
Blank (BEI0860-BLK1)			Р	repared: 9/25	/2023 Analyze	ed: 9/26/202	23		
Total Filterable Solids (TDS)	ND	10.0	mg/L						
LCS (BEI0860-BS1)			Р	repared: 9/25	/2023 Analyze	ed: 9/26/202	23		
Total Filterable Solids (TDS)	25.0	10.0	mg/L	2000		1.25	0-200		
Duplicate (BEI0860-DUP1)	Source: 2	2311497-06	Р	repared: 9/25	/2023 Analyze	ed: 9/26/202	23		
Total Filterable Solids (TDS)	190	10.0	mg/L		190			0.00	10
Duplicate (BEI0860-DUP2)	Source: 2	23I1505-03	Р	repared: 9/25	/2023 Analyze	ed: 9/26/202	23		
Total Filterable Solids (TDS)	1260	10.0	mg/L		1250			0.797	10
Reference (BEI0860-SRM1)			Р	repared: 9/25	/2023 Analyze	ed: 9/26/202	23		
Total Filterable Solids (TDS)	330		mg/L	325.0		102	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0863									
Blank (BEI0863-BLK1)			Pre	pared: 9/26	/2023 Analyze	ed: 9/27/202	23		
Temperature	25.0	0.0	units		•				
Alkalinity as CaCO3	ND	10.0	mg/L						
Carbonate as CaCO3	ND	1	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Hydroxide as CaCO3	ND	1.00	mg/L						
pH	5.1	1.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Electrical Conductivity umhos	ND	10.0	-						
Blank (BEI0863-BLK3)			Pre	epared: 9/26	/2023 Analyze	ed: 9/27/202	23		
Electrical Conductivity	ND	0.01	mmhos/cm		•				
Temperature	25.0	0.0	units						
Carbonate as CaCO3	ND	1	mg/L						
Alkalinity as CaCO3	ND	10.0	mg/L						
Hydroxide as CaCO3	ND	1.00	mg/L						
pH	5.6	1.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Duplicate (BEI0863-DUP2)	Source: 2	3I1505-02	Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Alkalinity as CaCO3	337	10.0	mg/L		335			0.595	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
Electrical Conductivity	2.20	0.01	mmhos/cm		2.27			3.07	10
Electrical Conductivity umhos	2200	10.0	umhos/cm		2270			3.07	10
pH	7.6	1.0	units		7.5			1.46	10
Reference (BEI0863-SRM1)			Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
Electrical Conductivity	577		umhos/cm	538.0		107	90-110		
Alkalinity as CaCO3	38.2		mg/L	40.60		94.1	90-110		
Reference (BEI0863-SRM3)			Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
Alkalinity as CaCO3	39.2		mg/L	40.60		96.6	90-110		
Electrical Conductivity	583		umhos/cm	538.0		108	90-110		
Reference (BEI0863-SRM4)			Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
pH	4.0		units	4.000		100	97.5-102.5		
Reference (BEI0863-SRM6)			Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
pH	4.0		units	4.000		100	97.5-102.5		
Reference (BEI0863-SRM7)			Pre	epared: 9/25	/2023 Analyze	ed: 9/27/202	23		
рН	5.9		units	5.820	,	101	28178-101.7		

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.

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Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Quality Control (Continued)

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit

Batch: BEI0863 (Continued)



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 10/04/2023 11:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0001									
Blank (BEJ0001-BLK1)				Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
Blank (BEJ0001-BLK2)				Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
LCS (BEJ0001-BS1)				Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	5.37	1.00	mg/L	5.709	•	94.1	90-110		
LCS (BEJ0001-BS2)				Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	5.62	1.00	mg/L	5.709	•	98.5	90-110		
Duplicate (BEJ0001-DUP1)	Source: 2	310111-01		Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	5.23	3.50	mg/L		4.82			8.30	10
Duplicate (BEJ0001-DUP2)	Source: 2	311834-02		Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	ND	2.80	mg/L		ND				10
Matrix Spike (BEJ0001-MS1)	Source: 2	310111-01		Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	15.4	3.50	mg/L	9.990	4.82	106	90-110		
Matrix Spike (BEJ0001-MS2)	Source: 2	311834-02		Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	7.91	2.80	mg/L	7.992	ND	99.0	90-110		
Reference (BEJ0001-SRM1)				Prepared: 10/2	/2023 Analyze	ed: 10/3/202	.3		
Kjeldahl Nitrogen (TKN), Total	23.8		mg/L	23.80	,	100	90-110		



09/22/23 14:00

2311505

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

-		23800 08	No. Samples:	3 1	lo of Bottles:	
Puromase	Order No Bill To	Acct # Cons #				
			Water Type:	[] Drinking V	Vater [] V	Vastewater
Results I	Need By		Ag Water	[] Groundwar	ter []N	Monitoring Well
Name:	Bapu Farming Company		Other:			
Address	: 24341 Avenue 14		Analysis and B	ottles Requir	ed: (Please indicate	Analysis)
City: Ma	dera State: CA	Zip: 93637	() DWW1: E0	C, NO ₃ -N	NH4-N Field Test	
Telepho	ne:	Fax:	(1-1 Liter Plasti	ic, Unpreserve	ed) White Per San	nple
Cell/Ema	nil: Karun@ba	pu.company	() DWW2: DI	WW1 Plus SC	04, CO3, HCO3, CI, Ca	, Mg, Na, TDS
COPY T	D: ariordan@f	ragservices.com	(1-1 Liter Plast	ic, Unpreserve	ed) White Per San	nple
				C, NO ₃ -N, TKN		
REQUES	STED BY:	Karun Samran	(1-1 Liter Plast			nple
PROJEC					-N, TKN, TDS, TP, TI	
CROP:	IRRIGATION W	EUS	(1-1 Liter Plast		TO DESTRUCT THE STATE OF	
					Mg, Na, HCO ₃ , CO ₃ ,	
[X] Cop	of Chain [X] QA/QC Do	ocuments			ed) White Per San	
Sampled	By:	ARUN		TN		
			() 0 0 101			
	Description	of Samples	Date Sampled	Time Sampled	Rec'd Temp °C	Field NHT ON AC
	IW #10	or campies	9/22/23		0.9	14/5
			4/242)	0813	-0.	
2	IW #11			0822	-6.5	-
3	IW #14			0829	1,1	
4						
5						
6						
				ometer SN: 2005607 n Factor: 0°C	23	
7			Calibratio	on Due: 9/26/2023 Laboratory	_	-
8						
9						
10						
		CHAIN OF CUST	TODY			1
Carrier	Signature	Company	Received (Date/Tim	ie) F	Relinquished (Date/Time)	
First	Alex Riordan	F&R Ag Services	9/22/23	0930	9/22/23	
Second						
Third	1/2	0	0	14150		
Fourth	V8	17	9-22-23	1400		

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. II, however, the mediator declares that no legitimate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration.

Inv g In	formation:		Shippin	ng
Sampling hr	S		\$	In
Miles			\$	Out
Consulting				
Amt Paid	Rec By	Check #	Date	

Signature

Sample received in cooler with ice (coolant)

[]Yes []No



S	hipping Information: Shipped In - Pic	ked-Up	o Wa	alk In	DLI Sa	mpler =	Other	0			
	Samples refridgerated before pick up						les plac		ce chest		
	Container: Ice Chest Box Box N	one 🗆		R	efrigera	ant:	Wet Ice	P BI	ue Ice	None	
	Samples Preserved with HNO ₃ or H ₂ SO ₄ we	ere:	□ Rece	eived Pre	eserved	o F	reserved	Upon I	Receipt a	at Labora	tory
	Type of Container(s) Received						Number				
		1	2	3	4	5	6	7	8	9	10
N.	Sample		ners that			LI) US	,				
	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)	Contain	lers triat	go mio t	le Laby						
	250 mL unpreserved (White) Plastic				1	Ben					
	250 mL HNO ₃ (Red) Plastic					All T	to any				
cs	* pH Value			圖		M		A	Name -		
Plastics	250 mL H ₂ SO ₄ (Yellow) Plastic	1	1			M			A STATE OF THE PARTY OF THE PAR	B By	
<u>a</u>	* pH Value	12	42	12	And	437		pH Str	ips		
	500 mL unpreserved (White) Plastic 1 L unpreserved (White) Plastic	1	- Prid		AF		Lot: 10B	DH4501	Exp: Jan	2025	
	1 L unpreserved (BOD) (Purple) Plastic	,	Camilli	litina milli	Pines.		1 1		AUT .		
ā	500mL unpreserved (White) Glass				well	The state of the s	A	1	7 200 E		
Special	PO4-P Kit						and the		/		
S	Other:							-			
	Sample Container							ses			
	(Containers that 100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)	go in th	e Subco	ntract ("S	sena Ou	t") Retrig	erator)		Allen.		
	250 mL unpreserved (White) Plastic							-	HILL .		
	250 mL HNO ₃ (Red) Plastic							-	THE STATE OF THE S		
cs	250 mL H ₂ SO ₄ (Yellow) Plastic							A	1	la.	
Plastics	500 mL HNO ₃ (Red)							100		THE REAL PROPERTY.	
<u>a</u>	1 L unpreserved (White) Plastic								Dr.		b
	1 L unpreserved (BOD) (Purple) Plastic						4		The state of the s		
	1 L HNO ₃ (Red)								No.		
-	40 mL VOA, Na ₂ S ₂ O ₃ + MCAA (EPA531)					40		Mb.			
S	40 mL VOA, $Na_2S_2O_3$ (EPA547)					All I		P and			
VOA Vials	40mL AG VOA unpreserved (White) (Set of 3)							A			
A	40 mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3) 40mL VOA, H ₃ PO ₄ (Set of 3)					111		1			
>	40 mL VOA, HCI (Blue) (Set of 3)					1	The The Table				
	40 mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)				and William		A STATE OF THE PARTY OF THE PAR				
	250 mL AG unpreserved (White)					Alba.					
	250 mL AG H ₂ SO ₄ (Yellow)			400	-	The second				100	
	250 mL AG Na ₂ S ₂ O ₃ (Green)			4		1	lb.				
	250 mL AG Na ₂ S ₂ O ₃ + MCAA			The state of the s							
Glass	500 mL glass unpreserved (White)			-	in.						- =
ত	500 mL AG HCI (Blue)				THE REAL PROPERTY AND ADDRESS OF THE PERTY ADDRESS OF THE PERTY ADDRESS OF THE PERTY AND ADDRESS OF THE PERTY ADDR	704					
-	1 L AG unpreserved (White) 1 L AG H ₂ SO ₄ (Yellow)		570			T	-				
-	1-L AG Na ₂ S ₂ O ₃ (Green)									-	
	1-L AG HCI (Blue)	1	-	13							
	Croy - 50mL Plastic w/Borate/HCO ₃ /CO ₃	7		7	-dilla-						
	Cyanide - 500 mL NaOH	Edding.	TOWN TO		Min						
	Asbestos - 1L P wrapped in foil (Set of 2)	mental (b)	740	-	The same of the sa						
cial	Sulfide - 1 L AG or P NaOH + ZnAc		and the same of th	th.di							
Special	Chlorite/Bromate - 250 mL AG with EDA										- 1
0)	HAA5 - 250mL AG Ammonium Chlorite DO KIT	AUTO STATE	100	1							
	Other:	4		7							
	Other:										
			L								



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23I1504-01	Reservoir North	Ag Water	Karun	Reservoir	09/22/2023 8:35
23I1504-02	Reservoir South	Ag Water	Karun	Reservoir	09/22/2023 8:41

Default Cooler

Temperature on Receipt °C: 0.1

Containers Intact COC/Labels Agree Received On Ice

Notes and Definitions

Item	Definition
Н	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

Scott M Frielland

ELAP Certification #1595 A2LA Certification #6440.02



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Sample Results

Sample: Reservoir North Sampled: 9/22/2023 8:35

23I1504-01 (Water) Sampled By: Karun

						-			
Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	1.02	mmhos/cm	0.01	1		09/26/23 12:22	SM 2510 B		BEI086
Electrical Conductivity umhos	1020	umhos/cm	10.0	1		09/26/23 12:22	SM 2510 B		BEI086
Nitrate Nitrogen as NO3N	15.0	mg/L	0.1	1	10	09/23/23 01:14	EPA 300.0		BEI083
Temperature	25.0	units	0.0	1		09/26/23 12:22	SM 4500-H+	Н	BEI086
рН	7.6	units	1.0	1		09/26/23 12:22	SM 4500-H+	Н	BEI0862
Total Filterable Solids (TDS)	710	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/28/23 09:26	SM 4500-NH3 C		BEI097
Total Nitrogen	15.1	mg/L	1.00	1		09/28/23 09:26	SM 4500-NH3 C		BEI097



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Sample Results (Continued)

Sample: Reservoir South 23I1504-02 (Water)

Sampled: 9/22/2023 8:41

Sampled By: Karun

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Electrical Conductivity	1.51	mmhos/cm	0.01	1		09/26/23 12:24	SM 2510 B		BEI0862
Electrical Conductivity umhos	1510	umhos/cm	10.0	1		09/26/23 12:24	SM 2510 B		BEI0862
Nitrate Nitrogen as NO3N	20.2	mg/L	0.1	1	10	09/23/23 01:34	EPA 300.0		BEI0835
Temperature	25.0	units	0.0	1		09/26/23 12:24	SM 4500-H+	Н	BEI0862
pH	7.7	units	1.0	1		09/26/23 12:24	SM 4500-H+	Н	BEI0862
Total Filterable Solids (TDS)	1230	mg/L	10.0	1		09/26/23 13:33	SM 2540 C		BEI0860
Kjeldahl Nitrogen (TKN), Total	ND	mg/L	1.00	1		09/28/23 09:27	SM 4500-NH3 C		BEI0975
Total Nitrogen	20.6	mg/L	1.00	1		09/28/23 09:27	SM 4500-NH3 C		BEI0975



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0835									
Blank (BEI0835-BLK1)				Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Blank (BEI0835-BLK2)				Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Blank (BEI0835-BLK3)				Prepared	& Analyzed: 9)/23/2023			
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
LCS (BEI0835-BS1)				Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	5.1	0.1	mg/L	5.000	-	101	90-110		
LCS (BEI0835-BS2)				Prepared	& Analyzed: 9)/23/2023			
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000	,	101	90-110		
Duplicate (BEI0835-DUP1)	Source: 2	23I1497-01		Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	3.7	0.1	mg/L	-	3.7			1.02	10
Duplicate (BEI0835-DUP2)	Source: 2	23I1501-02		Prepared	& Analyzed: 9)/23/2023			
Nitrate Nitrogen as NO3N	2.9	0.1	mg/L		2.9			0.582	10
Matrix Spike (BEI0835-MS1)	Source: 2	23I1497-01		Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	8.7	0.1	mg/L	5.000	3.7	100	90-110		
Matrix Spike (BEI0835-MS2)	Source: 2	23I1501-02		Prepared	& Analyzed: 9)/23/2023			
Nitrate Nitrogen as NO3N	8.0	0.1	mg/L	5.000	2.9	102	90-110		
Reference (BEI0835-SRM1)				Prepared	& Analyzed: 9)/22/2023			
Nitrate Nitrogen as NO3N	10.0		mg/L	10.00	-	100	90-110		
Reference (BEI0835-SRM2)				Prepared	& Analyzed: 9	0/22/2023			
Nitrate Nitrogen as NO3N	10.1		mg/L	10.00	,	101	90-110		
Reference (BEI0835-SRM3)				Prepared	& Analyzed: 9	0/23/2023			
Nitrate Nitrogen as NO3N	10.1		mg/L	10.00	,	101	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0860									
Blank (BEI0860-BLK1)			Pi	repared: 9/25	/2023 Analyze	ed: 9/26/202	.3		
Total Filterable Solids (TDS)	ND	10.0	mg/L						
LCS (BEI0860-BS1)			Pi	repared: 9/25	/2023 Analyze	ed: 9/26/202	.3		
Total Filterable Solids (TDS)	25.0	10.0	mg/L	2000		1.25	0-200		
Duplicate (BEI0860-DUP1)	Source: 2	2311497-06	Pi	repared: 9/25	/2023 Analyze	ed: 9/26/202	.3		
Total Filterable Solids (TDS)	190	10.0	mg/L		190			0.00	10
Duplicate (BEI0860-DUP2)	Source: 2	2311505-03	Pi	repared: 9/25	/2023 Analyze	ed: 9/26/202	.3		
Total Filterable Solids (TDS)	1260	10.0	mg/L		1250			0.797	10
Reference (BEI0860-SRM1)			Pi	repared: 9/25	/2023 Analyze	ed: 9/26/202	!3		
Total Filterable Solids (TDS)	330		mg/L	325.0		102	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Quality Control (Continued)

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

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Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

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



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 09/22/2023 14:00 Reported: 09/28/2023 15:19

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEI0975									
Blank (BEI0975-BLK1)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
Blank (BEI0975-BLK2)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
Blank (BEI0975-BLK3)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	ND	1.00	mg/L						
Total Nitrogen	ND	1.00	mg/L						
LCS (BEI0975-BS1)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	5.98	1.00	mg/L	5.709		105	90-110		
LCS (BEI0975-BS2)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	5.92	1.00	mg/L	5.709		104	90-110		
Duplicate (BEI0975-DUP1)	Source: 2	3I1523-05		Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	ND	1.40	mg/L		ND				10
Duplicate (BEI0975-DUP2)	Source: 2	3I1526-01		Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	95.7	3.50	mg/L		91.3			4.75	10
Matrix Spike (BEI0975-MS1)	Source: 2	3I1523-05		Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	7.79	1.40	mg/L	7.992	ND ND	97.5	90-110		
Matrix Spike (BEI0975-MS2)	Source: 2	3I1526-01		Prepared: 9/27	//2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	111	3.50	mg/L	9.990	91.3	193	90-110		
Reference (BEI0975-SRM1)				Prepared: 9/27	/2023 Analyz	ed: 9/28/202	3		
Kjeldahl Nitrogen (TKN), Total	25.3		mg/L	23.80	. ,	106	90-110		



09/22/23 14:00

2311504

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

Order No.	2 3 800 08	No. Samples: 2	No of Bottles:	
Puremase Order No Bill T	Fo: Acct # Cons #	Water Type: [] Drinkin	g Water [] Waste	water
Results Need By		[] Ground	water [] Monit	oring Well
Name: Bapu Farming Company		Other:		
Address: 24341 Avenue 14		Analysis and Bottles Req	uired: (Please indicate Ana	alysis)
City: Madera State: CA	Zip: 93637	() DWW1: EC, NO ₃ -N	NH4-N Field Test	
Telephone:	Fax:	(1-1 Liter Plastic, Unprese	rved) White Per Sample	
Cell/Email: Karun@ba	apu.company	() DWW2: DWW1 Plus	SO ₄ , CO ₃ , HCO ₃ , Cl, Ca, Mg	, Na, TDS
COPY TO: ariordan@	fragservices.com	(1-1 Liter Plastic, Unprese	rved) White Per Sample	
		(DCW1: EC, NO ₃ -N, T	KN, TN, TDS	
REQUESTED BY:	Karun Samran	(1-1 Liter Plastic, Unprese	rved) White Per Sample	
PROJECT:		() DPW1: EC, NO ₃ -N, N	H ₄ -N, TKN, TDS, TP, TK	
CROP: RESERVOIR		(1-1 Liter Plastic, Unprese	rved) White Per Sample	
		() DPW2: DPW1 Plus C	a, Mg, Na, HCO ₃ , CO ₃ , SO ₄ ,	CI
[X] Copy of Chain [X] QA/QC D	ocuments	(1-1 Liter Plastic, Unprese		
	ARUN	() Other		
Description RESERVOIR	n of Samples	Date Sampled Sampled 9/22/23 0835	Rec'd Temp °C	Field NH ₄ -N
RESERVOIR	SOUTH	9/22/23 0841	-0.1	
3				
4				
5				
6				
7				
		IR Thermometer S Correction Factors	0°C	
8		Calibration Due: 9 Location: Laborate	/26/2023	
9				
10				
	CHAIN OF CUS	TODY		
Carrier Signature	Company	Received (Date/Time)	Relinquished (Date/Time)	
First Alex Riordan	F&R Ag Services	9/22/23 0930	9/22/23	
Second Third			_	

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 Creativ 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. II, however, the mediator declares that no legitumate dispute exists, then debtor will pay all mediation and arbitration costs, and in the event of arbitration, resonant torries? See of Dellavalle Laboratory.

Invo g Ir	formation:		Shippin	ig
Sampling hr	S		\$	In
Miles			\$	Out
Consulting				
Amt Paid	Rec By	Check #	Date	+

Signature

Sample received in cooler with ice (coolant)

[]Yes []No



	hipping Information: Shipped In Pic Samples refridgerated before pick up			-	DLI Sa				e cheet		
		000 =		-	efrigera		Wet Ice				-
_	Container: Ice Chest Box Box No.		= Poor	eived Pre			reserved		-		
	Samples Preserved with HNO3 of H2304 we	ie.	□ Rece	elveu Fie			Number	_	receipt a	Labora	Oly
	Type of Container(s) Received	1	2	3	4	5	6	7	8	9	10
	Sample	Conta	iners f	or Inte	rnal (D	LI) Us				-	
			ners that								
	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)			All pro-							
	250 mL unpreserved (White) Plastic					Element.					
"	250 mL HNO ₃ (Red) Plastic				III III						
stics	* pH Value 250 mL H ₂ SO ₄ (Yellow) Plastic			AB)				.Ing	Manhouse Manholish Street		
Plastics	* IpH Value	22	22		- 68107	ARIF		-	ANS	and a	
-	500 mL unpreserved (White) Plastic			7	†		Strips	-	ALLEY ALLEY		
	1 L unpreserved (White) Plastic	1	1	-	Lot: 1	OBDH45	01 Exp: Ja	n 2025—			
	1 L unpreserved (BOD) (Purple) Plastic						ris.				
ā	500mL unpreserved (White) Glass				- Constitution of the Cons						
Special	PO4-P Kit						andle.		1		
S	Other:				1 //// 0	10					
	Sample Container							ses			
	(Containers that 100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)	go in tr	ie Subco	ntract (**	Sena Out	") Reirig	erator)		dillo		
	250 mL unpreserved (White) Plastic							- 4	100		
	250 mL HNO ₃ (Red) Plastic							ASS	Contract of the last of the la		
Plastics	250 mL H ₂ SO ₄ (Yellow) Plastic							400	-		
	500 mL HNO ₃ (Red)							The state of the s	- N	Sib.	
	1 L unpreserved (White) Plastic							49.0	lb.	7	2
	1 L unpreserved (BOD) (Purple) Plastic						4000		1000	-	
	1 L HNO ₃ (Red)							h.	- 10		
-	40 mL VOA, Na ₂ S ₂ O ₃ + MCAA (EPA531)					.48	DESTRUCTION.	William.			
	40 mL VOA, Na ₂ S ₂ O ₃ (EPA547)					- 67	Secure Harrison	House well		7	
/OA Vials	40mL AG VOA unpreserved (White) (Set of 3)							AND THE PERSON NAMED IN	- AND DESCRIPTION OF THE PERSON OF THE PERSO		
5	40 mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)					1		Yes			
0	40mL VOA, H ₃ PO ₄ (Set of 3)		-	-			The state of the s				
>	40 mL VOA, HCl (Blue) (Set of 3)						THE REAL PROPERTY.				
	40 mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)						499				
	250 mL AG unpreserved (White)			1		The state of the s					
	250 mL AG H ₂ SO ₄ (Yellow)			44							
	250 mL AG Na ₂ S ₂ O ₃ (Green)			- Inches	Dr.	· ·	h.				
(O	250 mL AG Na ₂ S ₂ O ₃ + MCAA						THE S				
Glass	500 mL glass unpreserved (White)		-	7	In.	Oldan .					9
O	500 mL AG HCI (Blue) 1 L AG unpreserved (White)		400	ESSECTION AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IN		-46.74	1				
	1 L AG unpreserved (White) 1 L AG H ₂ SO ₄ (Yellow)		Miles.			in.					
	1 L AG Na ₂ S ₂ O ₃ (Green)	A			and the same of th						
	1 L AG HCI (Blue)	Alle		AL.	The same						
	Cro - 50mL Plastic w/Borate/HCO ₃ /CO ₃	THE PARTY NAMED IN	A		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COL						
	Cyanide - 500 mL NaOH	1800 mio	TO AT		As.						
	Asbestos - 1L P wrapped in foil (Set of 2)				137 - 7						
a	Sulfide - 1 L AG or P NaOH + ZnAc		Total Bion.	10.40	19						
Special	Chlorite/Bromate - 250 mL AG with EDA	-00	pett.	- AF						i com	
S	HAA5 - 250mL AG Ammonium Chlorite		100								
	DO KIT		A								
	Other:	-	Density)			1		
	Other:									Page 10	of 11

Water Water

Water Type:

No. Samples:

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

[] Groundwater

Drinking Water

DELLAVALLE LABORATORY, INC.

No of Bottles:

Analysis and Bottles Required: (Please indicate Analysis)

[] Monitoring Well

[] Wastewater

Page 11 of 11

09/22/23 14:00

Name: Bapu Farming Company Address: 24341 Avenue 14

Results Need By

Purchase Order No

JooA

53800

Cons #

80



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Samples in this Report

Lab ID	Sample	Matrix	Sampled By	Crop	Date Sampled
23J1549-01	Dom Well House	Drinking Water	F & R Ag	Domestic Well	10/23/2023 9:52

Default Cooler

Item

Temperature on Receipt °C: -0.8

Containers Intact COC/Labels Agree Received On Ice

Definition

Notes and Definitions

Н	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

Scott M Frielland

ELAP Certification #1595 A2LA Certification #6440.02



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Sample Results

 Sample:
 Dom Well House
 Sampled: 10/23/2023
 9:52

 23J1549-01 (Water)
 Sampled By: F & R Ag

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	336	mg/L	10.0	1		10/24/23 14:02	SM 2320 B		BEJ0927
Calcium	240	mg/L	0.1	1		10/25/23 11:44	EPA 200.7		BEJ0922
Chloride	315	mg/L	0.2	1	250	10/24/23 00:56	EPA 300.0		BEJ0904
Carbonate as CaCO3	ND	mg/L	1	1		10/24/23 14:02	SM 2320 B		BEJ0927
Electrical Conductivity	2.06	mmhos/cm	0.01	1		10/24/23 14:02	SM 2510 B		BEJ0927
Electrical Conductivity umhos	2060	umhos/cm	10.0	1		10/24/23 14:02	SM 2510 B		BEJ0927
Bicarbonate as CaCO3	336	mg/L	5.00	1		10/24/23 14:02	SM 2320 B		BEJ0927
Potassium	7.03	mg/L	0.500	1		10/25/23 11:44	EPA 200.7		BEJ0922
Magnesium	59.8	mg/L	0.1	1		10/25/23 11:44	EPA 200.7		BEJ0922
Sodium	96	mg/L	1	1		10/25/23 11:44	EPA 200.7		BEJ0922
Ammonia (as N)	*	mg/L	0.00	1		10/23/23 09:52	Field		BEJ0937
Nitrate Nitrogen as NO3N	58.0	mg/L	0.1	1	10	10/24/23 00:56	EPA 300.0		BEJ0904
Hydroxide as CaCO3	ND	mg/L	1.00	1		10/24/23 14:02	SM 2320 B		BEJ0927
Temperature	25.0	units	0.0	1		10/24/23 14:02	SM 4500-H+	Н	BEJ0927
рН	7.6	units	1.0	1		10/24/23 14:02	SM 4500-H+	Н	BEJ0927
Sulfate (SO4)	64.6	mg/L	0.5	1	250	10/24/23 00:56	EPA 300.0		BEJ0904
Total Filterable Solids (TDS)	1760	mg/L	10.0	1		10/25/23 15:07	SM 2540 C		BEJ0934



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Quality Control

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0904									
Blank (BEJ0904-BLK1)				Prepared 8	& Analyzed: 1	0/23/2023			
Chloride	ND	0.2	mg/L	•	•				
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEJ0904-BLK2)				Prepared 8	& Analyzed: 1	0/23/2023			
Chloride	ND	0.2	mg/L	·	•				
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEJ0904-BLK3)				Prepared 8	& Analyzed: 1	0/24/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
LCS (BEJ0904-BS1)				Prepared 8	& Analyzed: 1	0/23/2023			
Chloride	5.0	0.2	mg/L	5.000		100	90-110		
Nitrate Nitrogen as NO3N	5.2	0.1	mg/L	5.000		103	90-110		
Sulfate (SO4)	4.8	0.5	mg/L	5.000		95.3	90-110		
LCS (BEJ0904-BS2)				Prepared 8	& Analyzed: 1	0/24/2023			
Chloride	5.1	0.2	mg/L	5.000		101	90-110		
Nitrate Nitrogen as NO3N	5.2	0.1	mg/L	5.000		104	90-110		
Sulfate (SO4)	4.8	0.5	mg/L	5.000		96.4	90-110		
Duplicate (BEJ0904-DUP1)	Source: 2	23J1524-01		Prepared 8	& Analyzed: 1	0/23/2023			
Chloride	15.3	0.2	mg/L		15.1			1.67	10
Nitrate Nitrogen as NO3N	0.05	0.1	mg/L		0.05			2.11	10
Sulfate (SO4)	3.4	0.5	mg/L		3.3			2.37	10
Duplicate (BEJ0904-DUP2)	Source: 2	23J1560-01		Prepared 8	& Analyzed: 1	0/24/2023			
Chloride	349.2	0.2	mg/L		346.2			0.863	10
Nitrate Nitrogen as NO3N	0.2	0.1	mg/L		0.1			6.06	10
Sulfate (SO4)	1.4	0.5	mg/L		1.4			4.59	10
Matrix Spike (BEJ0904-MS1)	Source: 2	23J1524-01		Prepared 8	& Analyzed: 1	0/23/2023			
Chloride	20.4	0.2	mg/L	5.000	15.1	107	90-110		
Nitrate Nitrogen as NO3N	5.2	0.1	mg/L	5.000	0.05	103	90-110		
Sulfate (SO4)	8.3	0.5	mg/L	5.000	3.3	101	90-110		
Matrix Spike (BEJ0904-MS2)	Source: 2	23J1560-01		Prepared 8	& Analyzed: 1	0/24/2023			
Chloride	350.8	0.2	mg/L	5.000	346.2	91.8	90-110		
Nitrate Nitrogen as NO3N	4.8	0.1	mg/L	5.000	0.1	93.3	90-110		
Sulfate (SO4)	5.8	0.5	mg/L	5.000	1.4	88.1	90-110		

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Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0904 (Continued)									
Reference (BEJ0904-SRM1)				Prepared 8	Analyzed: 10	/23/2023			
Chloride	12.8		mg/L	12.50		102	90-110		
Nitrate Nitrogen as NO3N	10.2		mg/L	10.00		102	90-110		
Sulfate (SO4)	9.9		mg/L	10.00		99.2	90-110		
Reference (BEJ0904-SRM2)				Prepared 8	Analyzed: 10	/23/2023			
Chloride	12.9		mg/L	12.50		103	90-110		
Nitrate Nitrogen as NO3N	10.3		mg/L	10.00		103	90-110		
Sulfate (SO4)	10.0		mg/L	10.00		99.7	90-110		
Reference (BEJ0904-SRM3)				Prepared 8	Analyzed: 10	/24/2023			
Chloride	12.8		mg/L	12.50		103	90-110		
Nitrate Nitrogen as NO3N	10.3		mg/L	10.00		103	90-110		
Sulfate (SO4)	10.0		mg/L	10.00		99.8	90-110		



Sodium

Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0922									
Blank (BEJ0922-BLK1)			Pre	epared: 10/23	3/2023 Analyz	red: 10/25/2	023		
Calcium	ND	0.1	mg/L		,,.				
Sodium	ND	1	mg/L						
Potassium	ND	0.500	mg/L						
Magnesium	ND	0.1	mg/L						
Blank (BEJ0922-BLK2)			Pre	epared: 10/23	3/2023 Analyz	red: 10/25/2	023		
Calcium	ND	0.1	mg/L						
Potassium	ND	0.500	mg/L						
Sodium	ND	1	mg/L						
Magnesium	ND	0.1	mg/L						
LCS (BEJ0922-BS1)			Pre	epared: 10/23	3/2023 Analyz	red: 10/25/2	023		
Sodium	36	1	mg/L	35.71		102	90-110		
Potassium	35.7	0.500	mg/L	35.71		100	90-110		
Calcium	36.8	0.1	mg/L	35.71		103	90-110		
Magnesium	37.2	0.1	mg/L	35.71		104	90-110		
LCS (BEJ0922-BS2)		Prepared: 10/23/2023 Analyzed: 10/25/2023							
Potassium	36.2	0.500	mg/L	35.71		101	90-110		
Sodium	37	1	mg/L	35.71		103	90-110		
Calcium	37.1	0.1	mg/L	35.71		104	90-110		
Magnesium	37.7	0.1	mg/L	35.71		106	90-110		
Duplicate (BEJ0922-DUP1)	Source: 2	23J1549-01	Pre	epared: 10/23	3/2023 Analyz	ed: 10/25/2	023		
Sodium	97	1	mg/L		96			0.826	15
Potassium	6.91	0.500	mg/L		7.03			1.69	15
Calcium	244	0.1	mg/L		240			1.40	15
Magnesium	60.6	0.1	mg/L		59.8			1.36	15
Matrix Spike (BEJ0922-MS1)	Source: 2	23J1549-01	Pre	epared: 10/23	3/2023 Analyz	red: 10/25/2	023		
Calcium	287	0.1	mg/L	35.71	240	130	90-110		
Potassium	45.3	0.500	mg/L	35.71	7.03	107	90-110		
Sodium	138	1	mg/L	35.71	96	116	90-110		
Magnesium	101	0.1	mg/L	35.71	59.8	114	90-110		
Matrix Spike (BEJ0922-MS2)	Source: 2	23J1560-06	Pre	epared: 10/23	2/2023 Analyz	red: 10/25/2	023		
Sodium	260	1	mg/L	35.71	208	144	90-110		
Potassium	42.7	0.500	mg/L	35.71	3.57	110	90-110		
Calcium	93.2	0.1	mg/L	35.71	51.3	117	90-110		
Magnesium	49.7	0.1	mg/L	35.71	9.3	113	90-110		
Reference (BEJ0922-SRM2)			Pre	epared: 10/23	3/2023 Analyz	red: 10/25/2	023		
Codium	OE.		ma/l	01 E0		104	00 110		

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91.50

104

90-110



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0922 (Continued)									
Reference (BEJ0922-SRM2)			Pre	pared: 10/23	/2023 Analyze	d: 10/25/20)23		
Potassium	22.4		mg/L	21.90		102	90-110		
Reference (BEJ0922-SRM3)			Pre	pared: 10/23	/2023 Analyze	d: 10/25/20)23		
Calcium	49.2		mg/L	45.90		107	90-110		
Magnesium	37.2		mg/L	35.60		104	90-110		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0927									
Blank (BEJ0927-BLK1)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20)23		
Carbonate as CaCO3	ND	1	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Hydroxide as CaCO3	ND	1.00	mg/L						
Alkalinity as CaCO3	ND	10.0	mg/L						
Temperature	25.0	0.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.2	1.0	units						
Blank (BEJ0927-BLK2)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20)23		
Carbonate as CaCO3	ND	1	mg/L						
Alkalinity as CaCO3	ND	10.0	mg/L						
Temperature	25.0	0.0	units						
Hydroxide as CaCO3	ND	1.00	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
pH	5.3	1.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Blank (BEJ0927-BLK3)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20)23		
Hydroxide as CaCO3	ND	1.00	mg/L						
Temperature	25.0	0.0	units						
Alkalinity as CaCO3	ND	10.0	mg/L						
Carbonate as CaCO3	ND	1	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
pH	5.4	1.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Duplicate (BEJ0927-DUP1)	Source	23J1524-01	Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20)23		
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Carbonate as CaCO3	ND	1	mg/L		ND				10
Alkalinity as CaCO3	153	10.0	mg/L		152			0.536	10
Electrical Conductivity	0.33	0.01	mmhos/cm		0.34			2.22	10
pH	8.2	1.0	units		8.0			1.98	10
Electrical Conductivity umhos	334	10.0	umhos/cm		342			2.22	10
Duplicate (BEJ0927-DUP2)	Source	23J1561-05	Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20)23		
Alkalinity as CaCO3	144	10.0	mg/L		143			0.523	10
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Electrical Conductivity	1.30	0.01	mmhos/cm		1.31			0.452	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
рН	7.7	1.0	units		7.7			0.260	10

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.



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEJ0927 (Continued)									
Duplicate (BEJ0927-DUP2)	Source:	23J1561-05	Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
Electrical Conductivity umhos	1300	10.0	umhos/cm		1310			0.452	10
Reference (BEJ0927-SRM1)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
Alkalinity as CaCO3	42.1		mg/L	40.60		104	90-110		
Electrical Conductivity	526		umhos/cm	538.0		97.8	90-110		
Reference (BEJ0927-SRM2)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
Alkalinity as CaCO3	39.6		mg/L	40.60		97.5	90-110		
Electrical Conductivity	526		umhos/cm	538.0		97.8	90-110		
Reference (BEJ0927-SRM3)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
Electrical Conductivity	529		umhos/cm	538.0		98.3	90-110		
Alkalinity as CaCO3	41.8		mg/L	40.60		103	90-110		
Reference (BEJ0927-SRM4)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
рН	4.0		units	4.000		100	97.5-102.5		
Reference (BEJ0927-SRM5)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
рН	4.1		units	4.000		102	97.5-102.5		
Reference (BEJ0927-SRM6)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/2	023		
pH	4.1		units	4.000		102	97.5-102.5		
Reference (BEJ0927-SRM7)			Prep	ared: 10/23	/2023 Analyz	ed: 10/24/20	023		
pH	5.9		units	5.820		102	28178-101.7		



Account# 00-0023800 Account Manager: Ben Nydam Submitted By: Karun Samran Received: 10/23/2023 13:51 Reported: 10/26/2023 10:54

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BEJ0934									
Blank (BEJ0934-BLK1)			Pre	oared: 10/24/	2023 Analyz	ed: 10/25/20)23		
Total Filterable Solids (TDS)	ND	10.0	mg/L						
LCS (BEJ0934-BS1)			Pre	pared: 10/24,	2023 Analyz	ed: 10/25/20)23		
Total Filterable Solids (TDS)	30.0	10.0	mg/L	2000		1.50	0-200		
Duplicate (BEJ0934-DUP1)	Source: 23	3J1544-01	Pre	pared: 10/24/	2023 Analyzo	ed: 10/25/20)23		
Total Filterable Solids (TDS)	5850	10.0	mg/L		5550			5.26	10
Reference (BEJ0934-SRM1)			Pre	pared: 10/24,	/2023 Analyzo	ed: 10/25/20)23		
Total Filterable Solids (TDS)	327		mg/L	325.0		101	90-110		

	Envelope ID: 7	3:51	23J154		DELLAV 1910 W. McKin www.dellavallela No. Samples:	ley Avenue, St	ite 110 • Fresno	, CA 93728		
Purchase	Order No	Bill To:	Acct #	Cons#	Water Type:	[Drinking		[] Waste	ewater	_
Results N	eed By				[] Ag Water	[] Grounds	vater	[] Monit	toring Well	
Name:	Bapu Farming	Company			Other:					
Address:	24341 Avenue	e 14			Analysis and	Bottles Requ	uired: (Please	indicate Ana	alysis)	
City: Mad	era	State: CA	Zip: 93637		() DWW1: I	EC, NO ₃ -N	NH4-N Field	d Test		_
Telephon	e:		Fax:		(1-1 Liter Pla	stic, Unprese	rved) White	Per Sample		
Cell/Emai	il:	Karun@bapu	u.company		(DWW2: I	DWW1 Plus 8	SO ₄ , CO ₃ , HCC	O ₃ , CI, Ca, Mg	J, Na, TDS	_
COPY TO):	ariordan@fra	agservices.com	n	(1-1 Liter Pla	stic, Unprese	rved) White	Per Sample		_
					() DCW1: E	C, NO ₃ -N, Th	KN, TN, TDS			_
REQUES		K	arun Samran		(1-1 Liter Pla	stic, Unprese	rved) White	Per Sample		_
PROJECT					() DPW1: E	C, NO ₃ -N, NI	H ₄ -N, TKN, TD	S, TP, TK		_
CROP:	DOME	STIC W	Ell		(1-1 Liter Pla	stic, Unprese	rved) White	Per Sample		_
					() DPW2: D	PW1 Plus Ca	a, Mg, Na, HC	O ₃ , CO ₃ , SO ₄	, CI	_
[X] Copy Sampled	the state of the s	J QA/QC Doo	a A G		(1-1 Liter Pla	stic, Unprese	rved) White	Per Sample		
1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 10 - 10	Dom	Description of WEU He			Date Sampled 10/2-3/23	Time Sampled 0952	Rec'd Temp of the second secon		Field NH4-N	20MIN
			СПА	IN OF CUSTO	onv					
Carrier	Signature		Company	an or cost	Received (Date/Tr	ime)	Relinquished (D	ate/Time)		
First		Liordan		g Services	10/23/23	0952	10/23/23	3		
Second Third										
Fourth	30		DUL		10/23/23	13:51				
all costs and, if the Terms are net 30 If payment is no Alternative to Libear the costs of reasonable attor Invoicing I	here should be action as days; overdue account it made when due and a tigation, Inc. (cal). If it it mediation/arbitration. meys' fees of Dellavalle information:	gainst me for this breach ts will be charged a liquid a legitimate dispute exists the dispute is not resolved It, however, the mediato	, reasonable attorneys' fee dated damage fee of 2% is concerning the product in mediation, then the di or declares that no legitum Shipping	es. It is understood that pi per month (annually 24% or services of Dellavalle I spute will be submitted to alle dispute exists, then de	vices. Should it be found the ayment is expected to be core of or \$5.00 per month which Laboratory, Inc., it will be to binding arbitration throughton will pay all mediation	ash with samples unless hever is greater. submitted to mediation th cal under its Rules	a under the Rules and Procedures. The pa	rocedures of Creative		
Sampling h Miles Consulting	IS		<u> </u>	n Out	Signature Sa	ample receive	d in cooler with	ice (coolant)	



□ Sa	amples refridgerated before pick up				Picked (up samp	oles plac	ced in lo	e chest					
	Container: Ice Chest & Box D N	one 🗆	ne Refrigerant:											
San	nples Preserved with HNO ₃ or H ₂ SO ₄ we	re:	□ Rece	eived Pre	eserved	o F	reserve	d Upon F	Receipt a	t Laborat	ory			
Т	ype of Container(s) Received						Numbe							
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	Sample		ners that			LI) US	9							
110	00 mL sterile plastic Na ₂ S ₂ O ₃ (Green)	Contain	Ters triat	go into i	THE LAW									
	50 mL unpreserved (White) Plastic					- Direction								
	00 mL HNO ₃ (Red) Plastic				TA		and.							
Plastics	* pH Value					H		As	Billing					
25	00 mL H ₂ SO ₄ (Yellow) Plastic									De .				
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	L unpreserved (White) Plastic		- Admitted	ba and		407								
	L unpreserved (BOD) (Purple) Plastic 00mL unpreserved (White) Glass				-		-							
	04-P Kit							- A						
of Ot	ther:													
,	Sample Container	s for S	Subcor	tracte	d ("Ser	nd Out	") Anal	vses						
	(Containers that							,						
10	00 mL sterile plastic Na ₂ S ₂ O ₃ (Green)													
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25	50 mL HNO ₃ (Red) Plastic	71						437						
25	50 mL H ₂ SO ₄ (Yellow) Plastic							A	1					
25 50	00 mL HNO ₃ (Red)		-					Telephone		THE RESERVE				
1	L unpreserved (White) Plastic							1			-			
Section 1	L unpreserved (BOD) (Purple) Plastic						4							
1	L HNO ₃ (Red)						1		1	A				
40	mL VOA, Na ₂ S ₂ O ₃ + MCAA (EPA531)					40		The second						
40	$0 \text{ mL VOA}, \text{Na}_2\text{S}_2\text{O}_3$ (EPA547)					1		10000	Brown (A)	Ma.				
40 40	mL AG VOA unpreserved (White) (Set of 3)					District Control		1	- Annie Military					
40	mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)					The state of the s								
40	0mL VOA, H ₃ PO ₄ (Set of 3)	-	775			-	to the second							
40	mL VOA, HCI (Blue) (Set of 3)						AND THE REAL PROPERTY.							
-	mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)		Towns Commission		ALL DO		-							
	00 mL AG unpreserved (White)	1	THE REAL PROPERTY.					-			THE REAL PROPERTY.			
	50 mL AG H ₂ SO ₄ (Yellow)	- 1	pieri di	411	1	- Vi	100	Land Blick	Salah sa	- salts	15175			
	50 mL AG Na ₂ S ₂ O ₃ (Green) 50 mL AG Na ₂ S ₂ O ₃ + MCAA		17	dia.				300	The same		31.			
		- 53		The state of the s	William.	1 to .				372				
	00 mL glass unpreserved (White)	- 40	the diffe over		The Steller			de la militaria		-	min -			
	L AG unpreserved (White)	- 100	- Alle	THE HELDER BOOK AND ADDRESS OF THE PERSON ADDRESS OF	THE RESERVE TO SERVE		7				-			
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10000	L AG Na ₂ S ₂ O ₃ (Green)	-	-	- 3400h.			-	1 10.00		altri.				
	L AG HCI (Blue)	0.000		Day 1	illu.					- Alberta-				
	- 50mL Plastic w/Borate/HCO ₃ /CO ₃	1	A	7	The same of the sa					-				
	yanide - 500 mL NaOH	The same	10.49		A			-11-0		158	-			
	sbestos - 1L P wrapped in foil (Set of 2)			1				Line Allen	1-1	12				
	ulfide - 1 L AG or P NaOH + ZnAc			1			71			11				
St Ch	nlorite/Bromate - 250 mL AG with EDA	-		T			700		-		+ =			
HA	AA5 - 250mL AG Ammonium Chlorite	P. Charles	-		-		Tel		-1	10000				
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00	Description of	of Samples		Date Sampled	Time Sampled	Rec'd Temp °C	F	ield NHT. NPUNGE 330.MIN
	WELL H	NE.		10/23/23	0952	8		130 Min
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6					Lava	10/24/23		
7					10:58	- per Alex,	ok ath	x
8								
9								

	CHAIN OF CUSTODY									
Carrier	Signature	Company	Received (Date/Time)	Relinquished (Date/Time)						
First	Alex Riordan	F&R Ag Services	10/23/23 0952	10/23/23						
Second				1						
Third										
Fourth	30	DLI	10/23/23 13:51							

I guarantee that as the client, or on behalf of client named, I have the authority to contract the above requested services. Should it be found that I do not have such authority, I agree to be personally liable for all costs and, if there should be action against me for this breach, reasonable attorneys' fees. It is understood that payment is expected to be cash with samples unless terms have been previously arranged. Terms are net 30 days; overdue accounts will be charged a liquidated damage fee of 2% per month (annually 24%) or \$5.00 per month whichever is greater.

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

Invoicing In	formation:		Shippin	In Out
Sampling hr	S		\$	In
Miles			\$	Out
Consulting			Г	_
Amt Paid	Rec By	Check #	Date	

10

Signature

Sample received in cooler with ice (coolant)

[]Yes []No



	Samples refridgerated before pick up				Picked u	up samp	les plac	ed in lo	e chest		
	Container: Ice Chest ☑ Box □ N	one 🗆			efrigera	_			ue Ice 🗆		
	Samples Preserved with HNO ₃ or H ₂ SO ₄ we		□ Rece	eived Pre					Receipt a		
	Type of Container(s) Received					Sample	Number				
_		Conto	2	3	4	5	6	7	8	9	10
	Sample		ners that			LI) USE	•				
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	250 mL unpreserved (White) Plastic			All	W	Hillian					
	250 mL HNO ₃ (Red) Plastic			407	Taxonia Taxonia Taxonia Taxonia		mh				
tics	* pH Value 250 mL H ₂ SO ₄ (Yellow) Plastic			AN				An			
Plastics	* pH Value	-				ANT				ibig .	
	500 mL unpreserved (White) Plastic				A						
	1 L unpreserved (White) Plastic		Mond		Aller				47		
<u></u>	1 L unpreserved (BOD) (Purple) Plastic										
sial	500mL unpreserved (White) Glass			0-			1				
Special	PO4-P Kit Other:						-		SI Company		
0)	Sample Container	re for S	uhcor	tracte	d ("Sen	d Out) Analy	/SAS			-
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	100 mL sterile plastic Na ₂ S ₂ O ₃ (Green)	3						1			
	250 mL unpreserved (White) Plastic	/						A	1		
′0	250 mL HNO ₃ (Red) Plastic							437			
stics	250 mL H ₂ SO ₄ (Yellow) Plastic							4	1		-
Plastics	500 mL HNO ₃ (Red)							1			
_	1 L unpreserved (White) Plastic						Jillis.	- Alle			
	1 L unpreserved (BOD) (Purple) Plastic 1 L HNO ₃ (Red)	1					1				
						-00	All Collections	dilla.	1	A	
	40 mL VOA, $Na_2S_2O_3 + MCAA$ (EPA531) 40 mL VOA, $Na_2S_2O_3$ (EPA547)					400					
Vials	40mL AG VOA unpreserved (White) (Set of 3)					100				in.	
>	40 mL AG VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)					700		7.5			
VOA	40mL VOA, H ₃ PO ₄ (Set of 3)					796					
>	40 mL VOA, HCI (Blue) (Set of 3)										
	40 mL VOA, Na ₂ S ₂ O ₃ (Green) (Set of 3)	-				I in			-		-
	250 mL AG unpreserved (White)	100	- CHARLES	1				1,150	100	1997	Total Services
4	250 mL AG H ₂ SO ₄ (Yellow) 250 mL AG Na ₂ S ₂ O ₃ (Green)	- 1.00	MILLS AND	rit 4	lin.		. 78	12.000	21 981 27	28	111 S
	250 mL AG Na ₂ S ₂ O ₃ (Green) 250 mL AG Na ₂ S ₂ O ₃ + MCAA	- 10	11.5	Alexander and a second		1		200	777,8418	98.4	212
SS	500 mL glass unpreserved (White)		THE CASE OF THE O	"Hillian	3	la.		A		-	1000 - 00
Glass	500 mL AG HCI (Blue)	- 14	Altino		William William	THE REAL PROPERTY.	F			-	-
	1 L AG unpreserved (White)	- 10				Jan. "Oliver			-	120	
	1 L AG H ₂ SO ₄ (Yellow)						1	Calbara .			وتأجعا
	1 L AG Na ₂ S ₂ O ₃ (Green)	181	200 至時				759	S. SERVE	21303	dista	- Segi
MAI 1	1 L AG HCI (Blue) Cro* - 50mL Plastic w/Borate/HCO ₃ /CO ₃	1000	AGIE		TOTAL TOTAL		, k		773	10000	
	Cyanide - 500 mL NaOH		A AUT		dis			558	7706	- 10	-
	Asbestos - 1L P wrapped in foil (Set of 2)	Section .	715		400		7	10.00		100 100 100	
a	Sulfide - 1 L AG or P NaOH + ZnAc	3711	- Allen	1				4-5-1		77	1000
Special	Chlorite/Bromate - 250 mL AG with EDA									- Wait-	
Sp	HAA5 - 250mL AG Ammonium Chlorite	d property	1		-		-594	15.5.1.60	340000	12-12-1	1
	DO KIT		A								
	Other:	-									
	Other:						NS10-Samp		F	Page 13	of 13