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

#### DAIRY FACILITY INFORMATION

A. NAME OF DAIRY OR BUSINESS OPERATING THE DAIRY: Delta View Farms #2 (Joseph Avila Dairy)

Physical address of dairy:

30297 Road 56VisaliaTulare93291Number and StreetCityCountyZip Code

Street and nearest cross street (if no address):

Date facility was originally placed in operation: 01/01/1939

Regional Water Quality Control Board Basin Plan designation: Tulare Basin

County Assessor Parcel Number(s) for dairy facility:

0073-0180-0008-0000 0073-0180-0039-0000

#### **B. OPERATORS**

Dias, Darren S			
Operator name: Dias, Darren S	Telepho	ne no.: (559) 651-2199 Landline	(559) 469-6705 Cellular
30352 Road 48 Mailing Address Number and Street	Visalia City	CA State	93291 Zip Code
This operator is responsible for paving permit fees.			

Dias, Gregory O Jr				
Operator name: Dias, Gregory O Jr		_ Telephone no.:	(559) 651-2199 Landline	(559) 469-6704 Cellular
4995 Avenue 304 Mailing Address Number and Street	Visalia City		CA State	93291 Zip Code

Dias, Gregory S				
Operator name: Dias, Gregory S		Telephone no.:	(559) 651-2199	(559) 469-6706
		<del></del>	Landline	Cellular
30193 Road 48	Visalia		CA	93291
Mailing Address Number and Street	City		State	Zip Code

#### C. OWNERS

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

Avila, Joseph Jr.				
Legal owner name: Avila, Joseph Jr.		Telephone no.:	(559) 651-3242 Landline	(559) 740-8351 Cellular
30297 Road 56 Mailing Address Number and Street	Visalia City		CA State	93291 Zip Code

06/17/2024 08:19:44 Page 2 of 14

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

#### **AVAILABLE NUTRIENTS**

#### A. HERD INFORMATION

	Milk Cows	Dry Cows	Bred Heifers (15-24 mo.)	Heifers (7-14 mo. to breeding)		Calves (0-3 mo.)
Number open confinement	0	0	0	400	0	0
Number under roof	0	0	0	0	0	0
Maximum number	0	0	0	400	0	0
Average number	0	0	0	400	0	0
Avg live weight (lbs)	0	0	0	700		

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

#### **B. MANURE GENERATED**

Total manure excreted by the herd:	3,787.22 tons per reporting period		
Total nitrogen from manure:	37,960.00 lbs per reporting period	After ammonia losses (30% loss applied):	26,572.00 lbs per reporting period
Total phosphorus from manure:	6,424.00 lbs per reporting period		
Total potassium from manure:	1.00 lbs per reporting period		
Total salt from manure:	0.00 lbs per reporting period		

#### **C. PROCESS WASTEWATER GENERATED**

Process wastewater generated:	gallons		0 gallons applied
Total nitrogen generated:	lbs	+	0 gallons exported
Total phosphorus generated:	lbs	_	0 gallons imported
Total potassium generated:	lbs	=	0 gallons generated
Total salt generated:	lbs		

#### D. FRESH WATER SOURCES

No fresh water sources entered.

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

No subsurface (tile) drainage sources entered.

#### F. NUTRIENT IMPORTS

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

No dry manure nutrient imports entered.

No process wastewater nutrient imports entered.

No commercial or other nutrient imports entered.

#### **G. NUTRIENT EXPORTS**

No solid nutrient exports entered.

No liquid nutrient exports entered.

06/17/2024 08:19:44 Page 4 of 14

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

#### APPLICATION AREA

#### A. LIST OF LAND APPLICATION AREAS

No land application areas entered.

Totals for areas that were used for application			
Totals for areas that were not used for application			
Land application area totals			

#### **B. CROPS AND HARVESTS**

No application area fields entered.

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

#### **NUTRIENT BUDGET**

#### A. LAND APPLICATIONS

No application area crops entered.

## **B. NUTRIENT BUDGET**

No application area crops entered.

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

#### **NUTRIENT ANALYSES**

#### A. MANURE ANALYSES

Sample a	and source descri	ption: <u>22118</u>	12							
Sample o	late: 09/28/2022	Material t	type: Corral so	lids		Source of an	alysis: Lab ana	ılysis	Method of r	eporting: As
Moisture	2.1	%								
	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 (%)
			15 100 00							0.00
Value	6,450.00	7,200.00	15,400.00							

Sample a	nd source descri	otion: 23F09	50							
Sample d	ate: 06/07/2023	Material t	ype: Corral so	lids		Source of an	alysis: Lab ana	alysis	Method o	f reporting: As-i
Moisture:	50.4	%								
		T-4-1 D	Total K	Calcium	Magnesium	Sodium	Sulfur	Chloride	Total salt	TFS
	Total N (mg/kg)	Total P (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(%)
Value										

3K1057										
Sample a	nd source descri	ption: 23K10	057							
Sample da	ate: 11/20/2023	Material	type: Corral so	lids		Source of an	alysis: Lab ana	alysis	Method of r	eporting: As-is
Moisture:	61.5	%								
	Total N (mg/kg)	Total P (mg/kg)	Total K (mg/kg)	Calcium (mg/kg)	Magnesium (mg/kg)	Sodium (mg/kg)	Sulfur (mg/kg)	Chloride (mg/kg)	Total salt (mg/kg)	TFS (%)
Value	6,300.00	2,300.00	4,000.00							0.00
DL	100.00	100.00	30.00							0.01

#### **B. PROCESS WASTEWATER ANALYSES**

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

2L0571															
Sampl	e and source	description	n: 22L057	71											
Sampl	e date: <u>12/0</u>	7/2022	Material ty	/pe: Proces	s wastewa	iter		Source of	analysis: <u>L</u> a	b analysis		pH:			
	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	595.00	292.00	0.00	0.90	349.00	1,170.00								12,900.00	5,20
DL	0.70	0.20	0.01	0.01	0.02	0.20								1.00	1

3C0959															
Sample	e and sourc	e description	on: 23C09	59											
Sample	e date: <u>03/</u>	30/2023	Material ty	/pe: Proces	ss wastewa	ter		Source o	f analysis: <u>L</u>	ab analysis		pH:			
	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	
Value	346.00	212 50	0.00	0.80	112.00	976.00								10 000 00	5.450

	(mg/L)		(mg/L)												
Value	346.00	212.50	0.00	0.80	112.00	976.00								10,000.00	5,450
DL	0.70	0.20	0.01	0.01	0.02	0.20								1.00	10

2310920															
Sampl	e and sourc	e description	on: 23F092	20											
Sampl	Sample date: 06/07/2023 Material type: Process wastewater							Source of analysis: Lab analysis pl				pH:			
	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	332.50	207.00	0.00	0.50	79.30	550.00								7,090.00	3,240
DL	0.70	0.20	0.01	0.01	0.02	0.20								1.00	10

2311786															
Sampl	e and source	e description	n: 23I178	6											
Sampl	e date: <u>09/2</u>	7/2023	Material ty	/pe: Proces	s wastewa	iter		Source of	analysis: <u>La</u>	b analysis		pH:			
	Kjeldahl-N (mg/L)	NH4-N (mg/L)	NH3-N (mg/L)	Nitrate-N (mg/L)	Total P (mg/L)	Total K (mg/L)	Calcium (mg/L)	Magnes. (mg/L)	Sodium (mg/L)	Bicarb. (mg/L)	Carb. (mg/L)	Sulfate (mg/L)	Chloride (mg/L)	EC (µmhos/cm)	TDS (mg/L)
Value	498.00	257.00	0.00	0.25	0.80	1,050.00								11,200.00	6,150
DL	0.70	0.20	0.01	0.01	0.02	0.20								1.00	10

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

23	1/1	$\sim$	61
7.3	NΙ	u	nι

Sample and source description: 23K1061

Sample date: 11/20/2023 Material type: Process wastewater Source of analysis: Lab analysis pH:

Sample	Sample date. 17/20/2023 Material type. Process wastewater						Source of analysis. Lab analysis pn.								
	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	640.00	32.30	0.00	0.55	215.00	1,350.00								12,900.00	7,000
DL	0.70	0.20	0.01	0.01	0.02	0.20								1.00	10

#### C. FRESH WATER ANALYSES

No irrigation water analyses entered.

#### D. SOIL ANALYSES

No soil analyses entered.

#### **E. PLANT TISSUE ANALYSES**

No plant tissue analyses entered.

## F. SUBSURFACE (TILE) DRAINAGE ANALYSES

No subsurface (tile) drainage analyses entered.

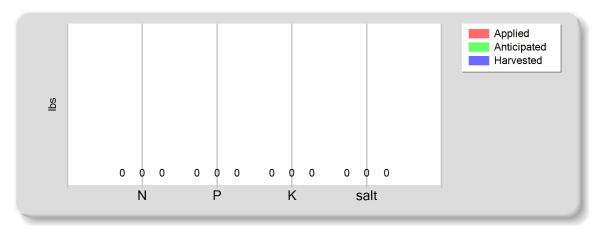
# **Annual Report - General Order No. R5-2007-0035** *Reporting period 01/01/2023 to 12/31/2023.*

## NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

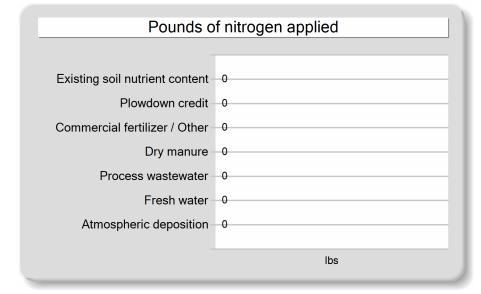
## A. SUMMARY OF NUTRIENT APPLICATIONS, POTENTIAL REMOVAL, AND BALANCE

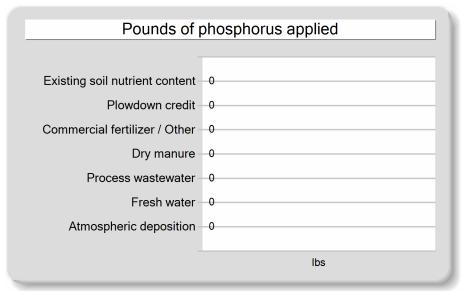
	Total N (lbs)	Total P (lbs)	Total K (lbs)	Total salt (lbs)
Existing soil nutrient content	0.00	0.00	0.00	0.00
Plowdown credit	0.00	0.00	0.00	0.00
Commercial fertilizer / Other	0.00	0.00	0.00	0.00
Dry manure	0.00	0.00	0.00	0.00
Process wastewater	0.00	0.00	0.00	0.00
Fresh water	0.00	0.00	0.00	0.00
Atmospheric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

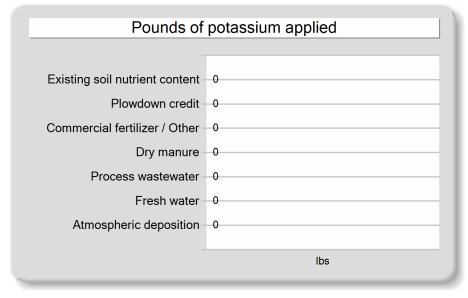
#### **B. POUNDS OF NUTRIENT APPLIED VS. CROP REMOVAL**

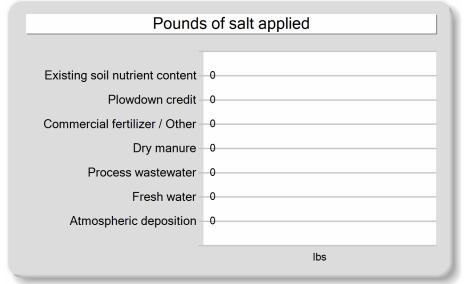


#### C. POUNDS OF NUTRIENT APPLIED BY MATERIAL TYPE









Annual	Repor	t - Ge	eneral	Order	No.	R5-2007-0035
_						

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

#### **EXCEPTION REPORTING**

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

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

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

#### **B. STORM WATER DISCHARGES**

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

No stormwater discharges occurred during the reporting period.

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

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

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

NUTRIENT MANAGEMENT PLAN AND EXPORT AGREEMENT STATEMENTS								
A. NUTRIENT MANAGEMENT PLAN STATEMENTS								
Was the facility's NMP updated in the reporting period?	<u>Yes</u>							
Was the facility's NMP developed by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	Yes							
Was the facility's NMP approved by a certified nutrient management planner (specialist) as specified in Attachment C of the General Order?	Yes							
B. EXPORT AGREEMENT STATEMENT								
Are there any written agreements with third parties to receive manure or process wastewater that are new or were revised within the reporting period?	<u>No</u>							

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

#### ADDITIONAL NOTES

#### A. NOTES

All land application events are controlled by Delta View Farms, whom are the same operators as Delta View Farms #2. Please refer to Delta View Farms annual report for all crops, application events, and any other nutrient management planning. All of Delta View Farms #2 nutrient analysis are also included in Delta View Farms annual report. As Delta View Farms #2 nutrients are used for applications to cropland the corresponding analysis is selected in Delta View Farms annual report in order to accurately reflect the activity.

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.

SIGNATURE OF OWNER OF FACILITY

SIGNATURE OF OPERATOR OF FACILITY

Joseph Avila

Dorren Dias

PRINT OR TYPE NAME

PRINT OR TYPE NAME

11-30-23

11-30-23

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.



Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

## **Samples in this Report**

Lab ID	Sample	Matrix	Sampled By Crop	Date Sampled
23L0913-01	Dairy 1 (DV Dom S)	Ag Water	Client - Picked up by	12/13/2023 0:00
			Cynthia Tiemersma	
23L0913-02	Dom 1 (DVF #2)	Ag Water	Client - Picked up by	12/13/2023 0:00
			Cynthia Tiemersma	
23L0913-03	Mobile Homes	Ag Water	Client - Picked up by	12/13/2023 0:00

Cynthia Tiemersma

**Default Cooler** 

Temperature on Receipt °C: -0.1

Containers Intact COC/Labels Agree Received On Ice

#### **Notes and Definitions**

<u>item</u>	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.

Scott M Frielland

Laboratory Director/Technical Manager

ELAP Certification #1595 A2LA Certification #6440.02 Received: 12/14/2023 7:00



Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results

Received: 12/14/2023 7:00

Reported: 12/21/2023 12:53

Sample: Dairy 1 (DV Dom S) Sampled: 12/13/2023 0:00

23L0913-01 (Water) Sampled By: Client - Picked up by Cynthia Tiemer

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	221	mg/L	10.0	1		12/19/23 16:30	SM 2320 B		BEL0722
Calcium	104	mg/L	0.1	1		12/19/23 09:57	EPA 200.7		BEL0571
Chloride	55.0	mg/L	0.2	1	250	12/15/23 07:21	EPA 300.0		BEL0595
Carbonate as CaCO3	ND	mg/L	1	1		12/19/23 16:30	SM 2320 B		BEL0722
Electrical Conductivity	0.98	mmhos/cm	0.01	1		12/19/23 16:30	SM 2510 B		BEL0722
Electrical Conductivity umhos	976	umhos/cm	10.0	1		12/19/23 16:30	SM 2510 B		BEL0722
Bicarbonate as CaCO3	221	mg/L	5.00	1		12/19/23 16:30	SM 2320 B		BEL0722
Potassium	ND	mg/L	0.500	1		12/19/23 09:57	EPA 200.7		BEL0571
Magnesium	3.2	mg/L	0.1	1		12/19/23 09:57	EPA 200.7		BEL0571
Sodium	81	mg/L	1	1		12/19/23 09:57	EPA 200.7		BEL0571
Ammonia (as N)	*	mg/L	0.00	1		12/14/23 17:35	Field		BEL0647
Nitrate Nitrogen as NO3N	44.5	mg/L	0.1	1	10	12/15/23 07:21	EPA 300.0		BEL0595
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/19/23 16:30	SM 2320 B		BEL0722
pH	7.7	units	1.0	1		12/19/23 16:30	SM 4500-H+	Н	BEL0722
Temperature	25.0	units	0.0	1		12/19/23 16:30	SM 4500-H+	Н	BEL0722
Sulfate (SO4)	76.5	mg/L	0.5	1	250	12/15/23 07:21	EPA 300.0		BEL0595
Total Filterable Solids (TDS)	730	mg/L	10.0	1		12/18/23 17:07	SM 2540 C		BEL0601



23L0913-02 (Water)

Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: Dom 1 (DVF #2) Sampled: 12/13/2023 0:00

Sampled By: Client - Picked up by Cynthia Tiemer

Received: 12/14/2023 7:00

					•	•	. , ,		
Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO2	259	ma/l	10.0	1		12/20/23 11:01	SM 2320 B		BEL0725
Alkalinity as CaCO3		mg/L							
Calcium	139	mg/L	0.1	1		12/19/23 09:58	EPA 200.7		BEL0571
Chloride	74.2	mg/L	0.2	1	250	12/15/23 07:41	EPA 300.0		BEL0595
Carbonate as CaCO3	ND	mg/L	1	1		12/20/23 11:01	SM 2320 B		BEL0725
Electrical Conductivity	1.11	mmhos/cm	0.01	1		12/20/23 11:01	SM 2510 B		BEL0725
<b>Electrical Conductivity umhos</b>	1110	umhos/cm	10.0	1		12/20/23 11:01	SM 2510 B		BEL0725
Bicarbonate as CaCO3	259	mg/L	5.00	1		12/20/23 11:01	SM 2320 B		BEL0725
Potassium	ND	mg/L	0.500	1		12/19/23 09:58	EPA 200.7		BEL0571
Magnesium	6.9	mg/L	0.1	1		12/19/23 09:58	EPA 200.7		BEL0571
Sodium	71	mg/L	1	1		12/19/23 09:58	EPA 200.7		BEL0571
Ammonia (as N)	*	mg/L	0.00	1		12/14/23 17:35	Field		BEL0647
Nitrate Nitrogen as NO3N	27.2	mg/L	0.1	1	10	12/15/23 07:41	EPA 300.0		BEL0595
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/20/23 11:01	SM 2320 B		BEL0725
pH	7.2	units	1.0	1		12/20/23 11:01	SM 4500-H+	Н	BEL0725
Temperature	25.0	units	0.0	1		12/20/23 11:01	SM 4500-H+	Н	BEL0725
Sulfate (SO4)	70.2	mg/L	0.5	1	250	12/15/23 07:41	EPA 300.0		BEL0595
Total Filterable Solids (TDS)	760	mg/L	10.0	1		12/18/23 17:07	SM 2540 C		BEL0601



23L0913-03 (Water)

Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: Mobile Homes Sampled: 12/13/2023 0:00

Sampled By: Client - Picked up by Cynthia Tiemer

Received: 12/14/2023 7:00

					•	•	. , ,		
Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	178	mg/L	10.0	1		12/20/23 11:08	SM 2320 B		BEL0725
Calcium	108	mg/L	0.1	1		12/19/23 09:59	EPA 200.7		BEL0571
Chloride	54.2	mg/L	0.1	1	250	12/15/23 09:09	EPA 300.0		BEL0595
Carbonate as CaCO3	ND	mg/L	1	1	250	12/20/23 11:08	SM 2320 B		BEL0725
Electrical Conductivity	1.01	mmhos/cm	0.01	1		12/20/23 11:08	SM 2510 B		BEL0725
Electrical Conductivity umhos	1010	umhos/cm	10.0	1		12/20/23 11:08	SM 2510 B		BEL0725
Bicarbonate as CaCO3	178	mg/L	5.00	1		12/20/23 11:08	SM 2320 B		BEL0725
Potassium	ND	mg/L	0.500	1		12/19/23 09:59	EPA 200.7		BEL0571
Magnesium	4.6	mg/L	0.1	1		12/19/23 09:59	EPA 200.7		BEL0571
Sodium	80	mg/L	1	1		12/19/23 09:59	EPA 200.7		BEL0571
Ammonia (as N)	*	mg/L	0.00	1		12/14/23 17:35	Field		BEL0647
Nitrate Nitrogen as NO3N	34.3	mg/L	0.1	1	10	12/15/23 08:02	EPA 300.0		BEL0595
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/20/23 11:08	SM 2320 B		BEL0725
pH	7.2	units	1.0	1		12/20/23 11:08	SM 4500-H+	Н	BEL0725
Temperature	25.0	units	0.0	1		12/20/23 11:08	SM 4500-H+	Н	BEL0725
Sulfate (SO4)	81.5	mg/L	0.5	1	250	12/15/23 08:02	EPA 300.0		BEL0595
Total Filterable Solids (TDS)	660	mg/L	10.0	1		12/18/23 17:07	SM 2540 C		BEL0601



Magnesium

Sodium

Calcium

Matrix Spike (BEL0571-MS1)

Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

## **Quality Control**

Reporting Spike Source %REC RPD Result Qual RPD Analyte Limit Units Level Result %REC Limits Limit Batch: BEL0571 Blank (BEL0571-BLK1) Prepared: 12/13/2023 Analyzed: 12/19/2023 Potassium ND 0.500 Sodium ND 1 mg/L Calcium ND 0.1 mg/L Magnesium ND 0.1 mg/L Blank (BEL0571-BLK2) Prepared: 12/13/2023 Analyzed: 12/19/2023 Sodium ND 1 mg/L Calcium ND 0.1 mg/L 0.500 mg/L Potassium ND Magnesium ND 0.1 mg/L LCS (BEL0571-BS1) Prepared: 12/18/2023 Analyzed: 12/19/2023 Calcium 38.2 0.1 35.71 mg/L 90-110 Potassium 37.3 0.500 35.71 105 90-110 mg/L 35.71 111 90-110 Sodium 40 1 mg/L Magnesium 38.3 mg/L 35.71 107 90-110 LCS (BEL0571-BS2) Prepared: 12/13/2023 Analyzed: 12/19/2023 Potassium 36.0 0.500 35.71 mg/L 90-110 37.4 35.71 105 Calcium 0.1 mg/L 90-110 35.71 Sodium 39 1 mg/L 108 90-110 37.2 35.71 90-110 Magnesium 0.1 mg/L 104 Duplicate (BEL0571-DUP1) Source: 23L0769-01 Prepared: 12/18/2023 Analyzed: 12/19/2023 Sodium 143 1 mg/L 142 0.0702 15 Potassium ND 0.500 mg/L ND 15 Calcium 6.7 6.7 0.104 15 0.1 mg/L

Potassium	39.4	0.500	mg/L	35.71	ND	110	90-110	
Magnesium	39.7	0.1	mg/L	35.71	ND	111	90-110	
Matrix Spike (BEL0571-MS2)	Source: 2	23L0880-01	Pre	pared: 12/13/	2023 Analyz	ed: 12/19/20	023	
Potassium	41.0	0.500	mg/L	35.71	4.94	101	90-110	
Sodium	81	1	mg/L	35.71	45	102	90-110	
Calcium	72.9	0.1	mg/L	35.71	36.9	101	90-110	
Magnesium	48.6	0.1	mg/L	35.71	12.9	99.9	90-110	

0.1

 Reference (BEL0571-SRM2)
 Prepared: 12/13/2023
 Analyzed: 12/19/2023

 Sodium
 92
 mg/L
 91.50
 100
 90-110

Source: 23L0769-01

ND

184

47.8

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mg/L

mg/L

mg/L

35.71

35.71

ND

Prepared: 12/18/2023 Analyzed: 12/19/2023

142

6.7

116

115

90-110

90-110

15

Received: 12/14/2023 7:00



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0571 (Continued)									
Reference (BEL0571-SRM2)			Pre	pared: 12/13	/2023 Analyze	ed: 12/19/20	)23		
Potassium	19.8		mg/L	21.90		90.6	90-110		
Reference (BEL0571-SRM3)			Pre	pared: 12/13	/2023 Analyze	ed: 12/19/20	)23		
Calcium	45.9		mg/L	45.90		100	90-110		
Magnesium	35.3		mg/L	35.60		99.2	90-110		

Received: 12/14/2023 7:00



Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

		Reporting		Spike	Source		%REC		RPD
Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BEL0595									
Blank (BEL0595-BLK1)				Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0595-BLK2)				Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0595-BLK3)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0595-BLK4)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0595-BLK5)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
LCS (BEL0595-BS1)				Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	4.7	0.2	mg/L	5.000		94.8	90-110		
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000		99.1	90-110		
Sulfate (SO4)	4.4	0.5	mg/L	5.000		87.6	90-110		
LCS (BEL0595-BS2)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	4.8	0.2	mg/L	5.000		95.6	90-110		
Nitrate Nitrogen as NO3N	5.0	0.1	mg/L	5.000		99.9	90-110		
Sulfate (SO4)	4.4	0.5	mg/L	5.000		88.3	90-110		
LCS (BEL0595-BS3)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	4.9	0.2	mg/L	5.000		97.5	90-110		
Nitrate Nitrogen as NO3N	5.1	0.1	mg/L	5.000		102	90-110		
Sulfate (SO4)	4.5	0.5	mg/L	5.000		90.1	90-110		
LCS (BEL0595-BS4)				Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	4.9	0.2	mg/L	5.000		97.0	90-110		
Nitrate Nitrogen as NO3N	5.1	0.1	mg/L	5.000		101	90-110		
Sulfate (SO4)	4.5	0.5	mg/L	5.000		89.1	90-110		

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Received: 12/14/2023 7:00



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0595 (Continued)									
Duplicate (BEL0595-DUP1)	Source:	23L0848-01		Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	2.3	0.2	mg/L		2.4			0.679	10
Nitrate Nitrogen as NO3N	0.6	0.1	mg/L		0.6			0.630	10
Sulfate (SO4)	3.7	0.5	mg/L		3.8			0.721	10
Duplicate (BEL0595-DUP2)	Source:	23L0877-02		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	24.7	0.2	mg/L		24.6			0.451	10
Nitrate Nitrogen as NO3N	0.08	0.1	mg/L		0.08			1.27	10
Sulfate (SO4)	14.0	0.5	mg/L		14.0			0.279	10
Duplicate (BEL0595-DUP3)	Source:	23L0909-01		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	4.9	0.2	mg/L		5.0			0.425	10
Nitrate Nitrogen as NO3N	2.4	0.1	mg/L		2.4			0.371	10
Sulfate (SO4)	8.8	0.5	mg/L		8.8			0.329	10
Duplicate (BEL0595-DUP4)	Source:	23L0963-01		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	33.6	0.2	mg/L		33.8			0.572	10
Nitrate Nitrogen as NO3N	19.5	0.1	mg/L		19.5			0.313	10
Sulfate (SO4)	31.0	0.5	mg/L		31.1			0.299	10
Matrix Spike (BEL0595-MS1)	Source:	23L0848-01		Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	7.6	0.2	mg/L	5.000	2.4	104	90-110		
Nitrate Nitrogen as NO3N	5.9	0.1	mg/L	5.000	0.6	105	90-110		
Sulfate (SO4)	8.9	0.5	mg/L	5.000	3.8	102	90-110		
Matrix Spike (BEL0595-MS2)	Source:	23L0877-02		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	29.1	0.2	mg/L	5.000	24.6	90.2	90-110		
Nitrate Nitrogen as NO3N	5.3	0.1	mg/L	5.000	0.08	104	90-110		
Sulfate (SO4)	19.1	0.5	mg/L	5.000	14.0	103	90-110		
Matrix Spike (BEL0595-MS3)	Source:	23L0909-01		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	10.1	0.2	mg/L	5.000	5.0	103	90-110		
Nitrate Nitrogen as NO3N	7.7	0.1	mg/L	5.000	2.4	105	90-110		
Sulfate (SO4)	13.8	0.5	mg/L	5.000	8.8	99.2	90-110		
Matrix Spike (BEL0595-MS4)	Source:	23L0963-01		Prepared 8	& Analyzed: 1	2/15/2023			
Chloride	38.6	0.2	mg/L	5.000	33.8	96.1	90-110		
Nitrate Nitrogen as NO3N	24.7	0.1	mg/L	5.000	19.5	102	90-110		
Sulfate (SO4)	36.2	0.5	mg/L	5.000	31.1	102	90-110		
Reference (BEL0595-SRM1)				Prepared 8	& Analyzed: 1	2/14/2023			
Chloride	12.8		mg/L	12.50		102	90-110		
Nitrate Nitrogen as NO3N	10.2		mg/L	10.00		102	90-110		

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Received: 12/14/2023 7:00



Account# 00-0020531 Account Manager: Ben Nydam Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	
Batch: BEL0595 (Continued)										
Reference (BEL0595-SRM1)				Prepared 8	k Analyzed: 12	2/14/2023				
Sulfate (SO4)	9.8		mg/L	10.00	,	97.8	90-110			
Reference (BEL0595-SRM2)				Prepared 8	k Analyzed: 12	2/14/2023				
Chloride	12.8		mg/L	12.50		103	90-110			
Nitrate Nitrogen as NO3N	10.2		mg/L	10.00		102	90-110			
Sulfate (SO4)	9.8		mg/L	10.00		98.3	90-110			
Reference (BEL0595-SRM3)		Prepared & Analyzed: 12/15/2023								
Chloride	12.9		mg/L	12.50		103	90-110			
Nitrate Nitrogen as NO3N	10.2		mg/L	10.00		102	90-110			
Sulfate (SO4)	9.9		mg/L	10.00		98.5	90-110			
Reference (BEL0595-SRM4)				Prepared 8	k Analyzed: 12	2/15/2023				
Chloride	12.9		mg/L	12.50		104	90-110			
Nitrate Nitrogen as NO3N	10.3		mg/L	10.00		103	90-110			
Sulfate (SO4)	9.9		mg/L	10.00		99.1	90-110			
Reference (BEL0595-SRM5)				Prepared 8	k Analyzed: 12	2/15/2023				
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)	9.9		mg/L	10.00		99.0	90-110			

Received: 12/14/2023 7:00



Account# 00-0020531 Account Manager: Ben Nydam Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0601									
Blank (BEL0601-BLK1)			Pre	pared: 12/14	/2023 Analyze	ed: 12/18/20	123		
Total Filterable Solids (TDS)	ND	10.0	mg/L						
LCS (BEL0601-BS1)			Pre	pared: 12/14	/2023 Analyze	ed: 12/18/20	)23		
Total Filterable Solids (TDS)	38.8	10.0	mg/L	2000		1.94	0-200		
Duplicate (BEL0601-DUP1)	Source: 2	3L0912-01	Pre	pared: 12/14	/2023 Analyze	ed: 12/18/20	)23		
Total Filterable Solids (TDS)	790	10.0	mg/L		790			0.00	10
Duplicate (BEL0601-DUP2)	Source: 2	3L0985-03	Pre	pared: 12/14	/2023 Analyze	ed: 12/18/20	)23		
Total Filterable Solids (TDS)	900	10.0	mg/L		910			1.10	10
Reference (BEL0601-SRM1)			Pre	pared: 12/14	/2023 Analyze	ed: 12/18/20	123		
Total Filterable Solids (TDS)	413		mg/L	390.0		106	90-110		

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Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limi
Batch: BEL0722									
Blank (BEL0722-BLK1)				Prenared 8	& Analyzed: 1	2/10/2023			
Carbonate as CaCO3	ND	1	ma/l	r repareu e	x Allalyzeu. 1	2/13/2023			
Hydroxide as CaCO3	ND ND	1.00	mg/L mg/L						
Electrical Conductivity	ND ND		mmhos/cm						
pH	5.1	1.0	units						
•	ND								
Alkalinity as CaCO3		10.0	mg/L						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Blank (BEL0722-BLK2)				Prepared 8	k Analyzed: 1	2/19/2023			
Carbonate as CaCO3	ND	1	mg/L						
Hydroxide as CaCO3	ND	1.00	mg/L						
pH	5.4	1.0	units						
Alkalinity as CaCO3	ND	10.0	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Temperature	25.0	0.0	units						
Blank (BEL0722-BLK3)				Prepared 8	& Analyzed: 1	2/19/2023			
Hydroxide as CaCO3	ND	1.00	mg/L	.,	,	, -, -			
pH	5.5	1.0	units						
Alkalinity as CaCO3	ND	10.0	mg/L						
Carbonate as CaCO3	ND	1	mg/L						
Electrical Conductivity	ND		mmhos/cm						
Temperature	25.0	0.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Electrical Conductivity umhos	ND	10.0	-						
·			<u> </u>						
Duplicate (BEL0722-DUP1)		23L0877-05		Prepared 8	k Analyzed: 1	2/19/2023			
Electrical Conductivity	0.36		mmhos/cm		0.36			0.0275	10
pH	7.7	1.0	units		7.7			0.520	10
Alkalinity as CaCO3	119	10.0	mg/L		120			0.184	10
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Carbonate as CaCO3	ND	1	mg/L		ND				10
Electrical Conductivity umhos	363	10.0	umhos/cm		363			0.0275	10
Duplicate (BEL0722-DUP2)	Source:	23L0909-03		Prepared 8	& Analyzed: 1	2/19/2023			
Electrical Conductivity	0.31	0.01	mmhos/cm		0.32			3.04	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
pH	8.0	1.0	units		7.6			4.61	10
Lhudrovido as CaCO2	ND	1.00	mg/L		ND				10
Hydroxide as CaCO3	IND	1.00	1119/ L		IND				

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Account# 00-0020531 Account Manager: Ben Nydam Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0722 (Continued)									
Duplicate (BEL0722-DUP2)	Source: 2	23L0909-03		Prepared 8	& Analyzed: 12	1/19/2023			
Electrical Conductivity umhos	311	10.0	umhos/cm		320			3.04	10
Reference (BEL0722-SRM1)				Prepared 8	& Analyzed: 12	!/19/2023			
Alkalinity as CaCO3	127		mg/L	128.0		99.4	90-110		
Electrical Conductivity	429		umhos/cm	426.0		101	90-110		
Reference (BEL0722-SRM2)				Prepared 8	& Analyzed: 12	1/19/2023			
Electrical Conductivity	432		umhos/cm	426.0		101	90-110		
Alkalinity as CaCO3	128		mg/L	128.0		99.9	90-110		
Reference (BEL0722-SRM3)				Prepared 8	& Analyzed: 12	!/19/2023			
Alkalinity as CaCO3	138		mg/L	128.0		108	90-110		
Electrical Conductivity	434		umhos/cm	426.0		102	90-110		
Reference (BEL0722-SRM4)				Prepared 8	& Analyzed: 12	1/19/2023			
рН	4.0		units	4.000		101	97.5-102.5		
Reference (BEL0722-SRM5)				Prepared 8	& Analyzed: 12	1/19/2023			
рН	4.0		units	4.000		101	97.5-102.5		
Reference (BEL0722-SRM6)				Prepared 8	& Analyzed: 12	1/19/2023			
pH	4.0		units	4.000	<u> </u>	99.5	97.5-102.5		
Reference (BEL0722-SRM7)				Prepared 8	& Analyzed: 12	1/19/2023			
рН	7.5		units	7.520	•	100	67021-101.32		

Received: 12/14/2023 7:00



Account# 00-0020531

Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0725									
Blank (BEL0725-BLK1)			Prepa	ared: 12/19	/2023 Analyz	ed: 12/20/20	123		
pH	5.4	1.0	units		•				
Electrical Conductivity	ND	0.01	mmhos/cm						
Alkalinity as CaCO3	ND	10.0	mg/L						
Carbonate as CaCO3	ND	1	mg/L						
Hydroxide as CaCO3	ND	1.00	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Temperature	25.0	0.0	units						
Blank (BEL0725-BLK2)			Prepa	ared: 12/19	/2023 Analyz	ed: 12/20/20	123		
Hydroxide as CaCO3	ND	1.00	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Carbonate as CaCO3	ND	1	mg/L						
pH	5.7	1.0	units						
Alkalinity as CaCO3	ND	10.0	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Temperature	25.0	0.0	units						
Blank (BEL0725-BLK3)			Prepa	ared: 12/19	/2023 Analyz	ed: 12/20/20	123		
Carbonate as CaCO3	ND	1	mg/L						
Hydroxide as CaCO3	ND	1.00	mg/L						
pH	5.5	1.0	units						
Electrical Conductivity	ND	0.01	mmhos/cm						
Alkalinity as CaCO3	ND	10.0	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Temperature	25.0	0.0	units						
Duplicate (BEL0725-DUP1)	Source	: 23L0990-04	Prepa	ared: 12/19	/2023 Analyz	ed: 12/20/20	23		
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
pH	7.1	1.0	units		7.0			0.992	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
Alkalinity as CaCO3	954	10.0	mg/L		950			0.419	10
Electrical Conductivity	1.82	0.01	mmhos/cm		1.84			1.41	10
Electrical Conductivity umhos	1820	10.0	umhos/cm		1840			1.41	10
Duplicate (BEL0725-DUP2)	Source	: 23L1002-02	Prepa	ared: 12/19	/2023 Analyz	ed: 12/20/20	)23		
Alkalinity as CaCO3	424	10.0	mg/L		438			3.22	10
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
pH	7.9	1.0	units		7.9			0.252	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
Electrical Conductivity	1.41	0.01	mmhos/cm		1.41			0.447	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.

Received: 12/14/2023 7:00



Account# 00-0020531 Account Manager: Ben Nydam Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Allalyte	Result Quai	Lillic	UIILS	Levei	Result	70REC	LIIIILS	KPD	LIIIIL
Batch: BEL0725 (Continued)									
Duplicate (BEL0725-DUP2)	Source:	23L1002-02	Prep	pared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
Electrical Conductivity umhos	1410	10.0	umhos/cm		1410			0.447	10
Reference (BEL0725-SRM1)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
Electrical Conductivity	439		umhos/cm	426.0		103	90-110		
Alkalinity as CaCO3	128		mg/L	128.0		100	90-110		
Reference (BEL0725-SRM2)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
Electrical Conductivity	436		umhos/cm	426.0		102	90-110		
Alkalinity as CaCO3	119		mg/L	128.0		93.0	90-110		
Reference (BEL0725-SRM3)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
Electrical Conductivity	436		umhos/cm	426.0		102	90-110		
Alkalinity as CaCO3	131		mg/L	128.0		102	90-110		
Reference (BEL0725-SRM4)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
рН	4.1		units	4.000		102	97.5-102.5		
Reference (BEL0725-SRM5)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
рН	4.1		units	4.000		102	97.5-102.5		
Reference (BEL0725-SRM6)			Prep	ared: 12/19	/2023 Analyz	ed: 12/20/2	2023		
pH	4.0		units	4.000	·	100	97.5-102.5		
Reference (BEL0725-SRM7)			Prep	pared: 12/19	)/2023 Analyz	ed: 12/20/2	2023		
pH	7.6		units	7.520	•	101	67021-101.32		

Received: 12/14/2023 7:00



12/14/23 07:00



## WAIEK WORK REQUEST

WAIEK WOR	K REQUEST	DELLAVALLE LABORAT 1910 W. McKinley Avenue, Suite 20 Fresno, CA	93728
Bill To: 20531	Cons.	www.dellavallelab.com 559 233-6129 • 800 228-9896 • Fax 559 No. of Samples	Bottles 268-8174
Biii 10. 20331		Water Type: Drinking	Wastewater
A CONTRACTOR OF THE PARTY OF TH		✓ Ag Water ☐ Ground Water	Mon. Well
Purchase Order No. Resu	lts Needed By	Supply Water Other	
Client Delta V	iew Farms 1 & 2	Analysis and Bottles Required: (Please Indic	cate Analysis)
Address 48	845 Ave. 304	DWW1: (EC, pH, NO <sub>3</sub> -N, NH <sub>4</sub> -N Field To	est)
	Visalia, CA 93291	(1) 1 L plastic, unpreserved (white)	
Email: deltavie	ewfarms@aol.com	DWW2: (DWW1 Plus SO <sub>4</sub> , CO <sub>3</sub> , HCO <sub>3</sub> , C	I, Ca, Mg, Na, TDS)
		(1) l L plastic, unpreserved (white)	
Copy to: solaconsu	ltinginc@gmail.com	DCW1: (EC, NO <sub>3</sub> -N, TDS)	
Requested by/Cell:	Darren 469-6705	(1) l L plastic, unpreserved (white)	
		The second secon	
Facility: 4995	Ave 304 Visalia	☐ DPW1: (EC, pH, NO <sub>3</sub> -N, NH <sub>4</sub> -N, TKN, TI	OS, TP, TK)
Date sampled 12/13/7	23	(1) l L plastic, unpreserved (white)	
	1 01	DPW2: (DPW1 Plus Ca, Mg, Na, HCO <sub>3</sub> , C	CO <sub>3</sub> , SO <sub>4</sub> , Cl)
Sampled by picked	ep by OT	(1) l L plastic, unpreserved (white)	
✓ QA/QC Document ✓ (	Copy of Chain RWQCB	Other	
	AND THE PARTY AND	Date Time Fiel	
DESCRIPTION OF SAMPLES		Sampled Sampled NH4-N	(mg/L) Temp °C
1. Dairy I (DV Dom S)	Sampled From:	12/13	-0-1
2. Dom 1 (DVF #2)	Sampled From:	4	0.1
3. Mobile Homes	Sampled From:		-0.6
4	Sampled From:		
5	Sampled From:		
<u>.                                    </u>		IR Thermometer SN: 200560723	
6.	Sampled From:	Correction Factor: 0°C	-
7.	Sampled From:	Calibration Due: 03/06/2024	21-1
8.	Sampled From:		
9.	Sampled From:		
10.	Sampled From:		
CHAIN OF CUSTODY			
Carrier Signatu	ire Company	Received (Date/Time) Reli	inquished (Date/Time)
P+4	D(T	713/73 371 17/1	3/2 415
First	VOL	170,00	7/03 (.13
Second			
Third	V A	- 186W - 2100	
Fourth	1 10	19711 07.00	10 15 FF (44)
attorneys' fees. It is understood that payment is expected to be eash with If payment is not made when due and a legitimate dispute exists of	a samples unless terms have been previously arranged. Terms as concerning the product or services of Dellavalle Laboratory, Inc.	udd it be found that I do not have such authority. I agree to be personally liable for all costs and, if there should be a re not 30 days, overdue accounts will be charged a dated damage for of 2° ppr month (annually 24° p) or 55.00 pc c. it will be submitted to mediation under the Rolles and Procedures of Creative (Memative to Lingstoin, line, (call) of mediation arbitration. If, however, the mediator declares that no legitimate dispute exists, then debtor will pay all	er month whichever is greater.  ). If the dispute is not resolved in mediation, the
Price List 2023	sulting \$	InOut Signature	
Amt Paid Rec By	Check No. Date	Sample received in cooler with ice?	cit update 20
Aunt ald Nec Di	CHECK IVO. Date	Yes     No	cit update 20.



12/14/23 07:00

23L0913

	Samples refrigerated before pick up			Picked	up samp	les pla	ced in Ice c	hest		Land Service	
	Container: Ice Chest Box Box N	one 🗆					Wet Ice		Ice 🗆	None -	]
12	Samples Preserved with HNO <sub>3</sub> or H <sub>2</sub> SO <sub>4</sub> we	re:	□ Re		reserved		□ Preserved				
		- 100				-	e Number				
	Type of Container(s) Received	1	2	3	4	5	Account to the second s	7	8	9	10
	Samp				ernal (Di	LI) Us	e				
		(Conta	iners the	at go into	the Lab)						
	100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)	ning.	Water Bures	Hillian.	世 指		STEED .		199		BERTH.
	250 mL unpreserved (White) Plastic					問題					
	250 mL HNO <sub>3</sub> (Red) Plastic										
Plastics	* pH Value						ar drages we	relies to			
ast	250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic										
۵	* pH Value										
	500 mL unpreserved (White) Plastic						生 医细胞 次 世	4º4			
	1 L unpreserved (White) Plastic										
	1 L unpreserved (BOD) (Purple) Plastic										
cial	500mL unpreserved (White) Glass				ALL STATES						
Special	PO4-P Kit	4	HILL HILL HILL HILL HILL HILL HILL HILL	Meditaria de la companya del companya de la companya del companya de la companya			AND STREET, ST		1000		
^	Other:	the state of	Cultura		1 /110	10.4	astero entre manta de la como	51537-51	11479	E ENTREMENT	and the state of
	Sample Containe (Containers th							S			
	100 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)	at go in i	The Subc	Ontract	Sena Out	) Rein	gerator)				
	250 mL unpreserved (White) Plastic							-			
	250 mL HNO <sub>3</sub> (Red) Plastic					THE REAL PROPERTY.	The state of the s	- AVL01			
CS	250 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic										
Plastics	500 mL HNO (Red)										(0)
	1 L unpreserved (White) Plastic					100000					
	1 L unpreserved (BOD) (Purple) Plastic		line.						1012		100 E
	1 L HNO <sub>s</sub> (Red)					<b>国 新港</b>		100			
	40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA (EPA531)										
	40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (EPA547)										
S	40mL AG VOA unpreserved (White) (Set of 3)										
VOA VIAIS	40 mL AG VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)							ALCOHOL: 1			
5	40mL VOA, H <sub>3</sub> PO <sub>4</sub> (Set of 3)										
>	40 mL VOA, HCI (Blue) (Set of 3)							1000	ADDRESS.		
	40 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)		-	1000		1000					
	250 mL AG unpreserved (White)								107/11	7 7 72	
	250 mL AG H <sub>2</sub> SO <sub>4</sub> (Yellow)				The second second						
	250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)			4- 3- 3					-		
	250 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA										
SS	500 mL glass unpreserved (White)										
GIASS	500 mL AG HCI (Blue)		5		Hus.	35,442	200	SATHUMBER	Attenuation	MILES THE	
	1 L AG unpreserved (White)	17	TH		East IV						
	1 L AG H <sub>2</sub> SO <sub>4</sub> (Yellow)								1000		
	1 L AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)			The state of	1000	1000					-6 3
	1 L AG HCI (Blue)					A STATE OF THE PARTY OF THE PAR				L.Bell	
	Cr <sup>5+</sup> - 50mL Plastic w/Borate/HCO <sub>3</sub> /CO <sub>3</sub>		1					No.		W-9-19	- u - u
	Cyanide - 500 mL NaOH		HILLS IN				11 11 11 11 11 11 11 11 11 11 11 11 11	1			
	Asbestos - 1L P wrapped in foil (Set of 2)				110001 271001 271001 74100			-	11500 11500 11500	711	
la l	Sulfide - 1 L <b>AG</b> or <b>P</b> NaOH + ZnAc					100 M		Maria and	1000		
Special	Chlorite/Bromate - 250 mL AG with EDA				and the second				ATTENDA		
0	HAA5 - 250mL AG Ammonium Chlorite	497	1		A STATE OF THE PARTY OF THE PAR	SECTION AND ADDRESS OF THE PARTY OF THE PART		PER S			
	DO KIT		Mila			1100					
	Other:			AND HELD IN			AND DESCRIPTION OF THE PERSON		- Althor		



Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

## **Samples in this Report**

Lab ID	Sample	Matrix	Sampled By Crop	Date Sampled
23L1153-01	DVF	Ground Water	Client /Cynthia Tiemersma	12/18/2023 0:00
23L1153-02	Sarquis	Ground Water	Client /Cynthia Tiemersma	12/18/2023 0:00
23L1153-03	Mobile Homes	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00
23L1153-04	Camera 1	Ground Water	Client /Cynthia Tiemersma	12/18/2023 0:00
23L1153-05	Rogers	Ground Water	Client /Cynthia Tiemersma	12/18/2023 0:00
23L1153-06	Greg's House	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00
23L1153-07	Dairy 1 (DV Dom S)	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00
23L1153-08	G & M Dom	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00
23L1153-09	Dom 1 (DVF #2)	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00
23L1153-10	Dom 2 (DVF #2)	Ground Water	Client /Cynthia Tiemersma	12/17/2023 0:00

Default Cooler

Temperature on Receipt °C: 0.4

Containers Intact COC/Labels Agree Received On Ice

Time Sampled Not Provided

Received: 12/20/2023 8:10



Item

Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

#### **Notes and Definitions**

Received: 12/20/2023 8:10 Reported: 12/27/2023 13:44

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

Laboratory Director/Technical Manager

Scott M Frielland

ELAP Certification #1595 A2LA Certification #6440.02

**Definition** 



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

**Sample Results** 

**Sample: DVF** Sampled: 12/18/2023 0:00

23L1153-01 (Water) Sampled By: Client /Cynthia Tiemersma

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	160	mg/L	10.0	1		12/21/23 11:22	SM 2320 B		BEL0773
Calcium	123	mg/L	0.1	1		12/27/23 09:57	EPA 200.7		BEL0812
Chloride	61.6	mg/L	0.2	1	250	12/20/23 16:17	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:22	SM 2320 B		BEL0773
Electrical Conductivity	1.10	mmhos/cm	0.01	1		12/21/23 11:22	SM 2510 B		BEL0773
Electrical Conductivity umhos	1100	umhos/cm	10.0	1		12/21/23 11:22	SM 2510 B		BEL0773
Bicarbonate as CaCO3	160	mg/L	5.00	1		12/21/23 11:22	SM 2320 B		BEL0773
Potassium	ND	mg/L	0.500	1		12/27/23 09:57	EPA 200.7		BEL0812
Magnesium	5.2	mg/L	0.1	1		12/27/23 09:57	EPA 200.7		BEL0812
Sodium	82	mg/L	1	1		12/27/23 09:57	EPA 200.7		BEL0812
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	46.4	mg/L	0.1	1	10	12/20/23 16:17	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:22	SM 2320 B		BEL0773
рН	7.1	units	1.0	1		12/21/23 11:22	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 11:22	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	75.9	mg/L	0.5	1	250	12/20/23 16:17	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	750	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764

Received: 12/20/2023 8:10



23L1153-02 (Water)

Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: Sarquis Sampled: 12/18/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

					=				
Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	142	mg/L	10.0	1		12/21/23 11:27	SM 2320 B		BEL0773
Calcium	115	mg/L	0.1	1		12/21/23 11:27	EPA 200.7		BEL0697
Chloride	57.8		0.1	1	250	12/20/23 16:37	EPA 300.0		BEL0730
		mg/L	0.2		230				BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:27	SM 2320 B		
Electrical Conductivity	1.07	mmhos/cm	0.01	1		12/21/23 11:27	SM 2510 B		BEL0773
Electrical Conductivity umhos	1070	umhos/cm	10.0	1		12/21/23 11:27	SM 2510 B		BEL0773
Bicarbonate as CaCO3	142	mg/L	5.00	1		12/21/23 11:27	SM 2320 B		BEL0773
Potassium	1.20	mg/L	0.500	1		12/21/23 10:51	EPA 200.7		BEL0697
Magnesium	3.7	mg/L	0.1	1		12/21/23 10:51	EPA 200.7		BEL0697
Sodium	82	mg/L	1	1		12/21/23 10:51	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	46.7	mg/L	0.1	1	10	12/20/23 16:37	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:27	SM 2320 B		BEL0773
pH	7.2	units	1.0	1		12/21/23 11:27	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 11:27	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	81.1	mg/L	0.5	1	250	12/20/23 16:37	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	780	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



23L1153-03 (Water)

Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results (Continued)

Sample: Mobile Homes Sampled: 12/17/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch	
Alkalinity as CaCO3	180	mg/L	10.0	1		12/21/23 11:33	SM 2320 B		BEL077	
Calcium	118	mg/L	0.1	1		12/21/23 10:52	EPA 200.7		BEL069	
Chloride	57.9	mg/L	0.2	1	250	12/20/23 16:57	EPA 300.0		BEL073	
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:33	SM 2320 B		BEL077	
<b>Electrical Conductivity</b>	1.04	mmhos/cm	0.01	1		12/21/23 11:33	SM 2510 B		BEL077	
<b>Electrical Conductivity umhos</b>	1040	umhos/cm	10.0	1		12/21/23 11:33	SM 2510 B		BEL077	
Bicarbonate as CaCO3	180	mg/L	5.00	1		12/21/23 11:33	SM 2320 B		BEL077	
Potassium	0.997	mg/L	0.500	1		12/21/23 10:52	EPA 200.7		BEL069	
Magnesium	5.1	mg/L	0.1	1		12/21/23 10:52	EPA 200.7		BEL069	
Sodium	78	mg/L	1	1		12/21/23 10:52	EPA 200.7		BEL069	
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL076	
Nitrate Nitrogen as NO3N	36.7	mg/L	0.1	1	10	12/20/23 16:57	EPA 300.0		BEL0730	
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:33	SM 2320 B		BEL077	
pH	7.3	units	1.0	1		12/21/23 11:33	SM 4500-H+	Н	BEL077	
Temperature	25.0	units	0.0	1		12/21/23 11:33	SM 4500-H+	Н	BEL077	
Sulfate (SO4)	88.3	mg/L	0.5	1	250	12/20/23 16:57	EPA 300.0		BEL073	
Total Filterable Solids (TDS)	730	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL076	



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: Camera 1

23L1153-04 (Water)

Sampled: 12/18/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte Res	sult	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	250	mg/L	10.0	1		12/21/23 11:38	SM 2320 B		BEL0773
•	161	mg/L	0.1	1		12/21/23 10:54	EPA 200.7		BEL0697
	52.6	mg/L	0.2	1	250	12/20/23 17:16	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1	230	12/21/23 11:38	SM 2320 B		BEL0773
	L.27	mmhos/cm	0.01	1		12/21/23 11:38	SM 2510 B		BEL0773
-	270	umhos/cm	10.0	1		12/21/23 11:38	SM 2510 B		BEL0773
	250	mg/L	5.00	1		12/21/23 11:38	SM 2320 B		BEL0773
	720	mg/L	0.500	1		12/21/23 10:54	EPA 200.7		BEL0697
	6.5	mg/L	0.1	1		12/21/23 10:54	EPA 200.7		BEL0697
Sodium	86	mg/L	1	1		12/21/23 10:54	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
· ·	33.9	mg/L	0.1	1	10	12/20/23 17:16	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:38	SM 2320 B		BEL0773
pH	7.5	units	1.0	1		12/21/23 11:38	SM 4500-H+	Н	BEL0773
Temperature 2	25.0	units	0.0	1		12/21/23 11:38	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	152	mg/L	0.5	1	250	12/20/23 17:16	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	830	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darron

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results (Continued)

Sample: Rogers Sampled: 12/18/2023 0:00

23L1153-05 (Water)

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

	Sumpled by Foliation Flatters and										
Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch		
Alkalinity as CaCO3	73.2	mg/L	10.0	1		12/21/23 11:45	SM 2320 B		BEL0773		
Calcium	69.7	mg/L	0.1	1		12/21/23 10:55	EPA 200.7		BEL0697		
Chloride	41.2	mg/L	0.2	1	250	12/20/23 17:36	EPA 300.0		BEL0730		
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:45	SM 2320 B		BEL0773		
Electrical Conductivity	0.77	mmhos/cm	0.01	1		12/21/23 11:45	SM 2510 B		BEL0773		
<b>Electrical Conductivity umhos</b>	772	umhos/cm	10.0	1		12/21/23 11:45	SM 2510 B		BEL0773		
Bicarbonate as CaCO3	73.2	mg/L	5.00	1		12/21/23 11:45	SM 2320 B		BEL0773		
Potassium	0.610	mg/L	0.500	1		12/21/23 10:55	EPA 200.7		BEL0697		
Magnesium	2.1	mg/L	0.1	1		12/21/23 10:55	EPA 200.7		BEL0697		
Sodium	66	mg/L	1	1		12/21/23 10:55	EPA 200.7		BEL0697		
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765		
Nitrate Nitrogen as NO3N	34.4	mg/L	0.1	1	10	12/20/23 17:36	EPA 300.0		BEL0730		
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:45	SM 2320 B		BEL0773		
рН	7.2	units	1.0	1		12/21/23 11:45	SM 4500-H+	Н	BEL0773		
Temperature	25.0	units	0.0	1		12/21/23 11:45	SM 4500-H+	Н	BEL0773		
Sulfate (SO4)	84.6	mg/L	0.5	1	250	12/20/23 17:36	EPA 300.0		BEL0730		
Total Filterable Solids (TDS)	550	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764		



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darron

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results (Continued)

Sample: Greg's House

23L1153-06 (Water)

Sampled: 12/17/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	274	mg/L	10.0	1		12/21/23 11:49	SM 2320 B		BEL0773
Calcium	204	mg/L	0.1	1		12/21/23 10:56	EPA 200.7		BEL0697
Chloride	64.3	mg/L	0.2	1	250	12/20/23 17:56	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:49	SM 2320 B		BEL0773
Electrical Conductivity	1.44	mmhos/cm	0.01	1		12/21/23 11:49	SM 2510 B		BEL0773
Electrical Conductivity umhos	1440	umhos/cm	10.0	1		12/21/23 11:49	SM 2510 B		BEL0773
Bicarbonate as CaCO3	274	mg/L	5.00	1		12/21/23 11:49	SM 2320 B		BEL0773
Potassium	0.990	mg/L	0.500	1		12/21/23 10:56	EPA 200.7		BEL0697
Magnesium	8.9	mg/L	0.1	1		12/21/23 10:56	EPA 200.7		BEL0697
Sodium	72	mg/L	1	1		12/21/23 10:56	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	61.0	mg/L	0.1	1	10	12/20/23 17:56	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:49	SM 2320 B		BEL0773
рН	7.4	units	1.0	1		12/21/23 11:49	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 11:49	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	115	mg/L	0.5	1	250	12/20/23 17:56	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	1070	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darron

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results (Continued)

Sample: Dairy 1 (DV Dom S)

23L1153-07 (Water)

Sampled: 12/17/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	140	ma/l	10.0	1		12/21/23 11:56	SM 2320 B		BEL0773
•		mg/L							
Calcium	125	mg/L	0.1	1		12/21/23 10:57	EPA 200.7		BEL0697
Chloride	58.2	mg/L	0.2	1	250	12/20/23 18:15	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 11:56	SM 2320 B		BEL0773
Electrical Conductivity	1.02	mmhos/cm	0.01	1		12/21/23 11:56	SM 2510 B		BEL0773
<b>Electrical Conductivity umhos</b>	1020	umhos/cm	10.0	1		12/21/23 11:56	SM 2510 B		BEL0773
Bicarbonate as CaCO3	140	mg/L	5.00	1		12/21/23 11:56	SM 2320 B		BEL0773
Potassium	1.16	mg/L	0.500	1		12/21/23 10:57	EPA 200.7		BEL0697
Magnesium	3.9	mg/L	0.1	1		12/21/23 10:57	EPA 200.7		BEL0697
Sodium	91	mg/L	1	1		12/21/23 10:57	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	47.0	mg/L	0.1	1	10	12/20/23 18:15	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 11:56	SM 2320 B		BEL0773
pH	7.4	units	1.0	1		12/21/23 11:56	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 11:56	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	82.1	mg/L	0.5	1	250	12/20/23 18:15	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	780	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darron

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: G & M Dom

23L1153-08 (Water)

Sampled: 12/17/2023 0:00

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte R	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	319	mg/L	10.0	1		12/21/23 12:01	SM 2320 B		BEL0773
Calcium	144	mg/L	0.1	1		12/21/23 12:51	EPA 200.7		BEL0697
Chloride	69.4	mg/L	0.2	1	250	12/20/23 18:35	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	•	1	1	230	12/21/23 12:01	SM 2320 B		BEL0730
	1.18	mg/L mmhos/cm	0.01	1		12/21/23 12:01	SM 2510 B		BEL0773
Electrical Conductivity		•		_					
•	1180	umhos/cm	10.0	1		12/21/23 12:01	SM 2510 B		BEL0773
Bicarbonate as CaCO3	319	mg/L	5.00	1		12/21/23 12:01	SM 2320 B		BEL0773
Potassium	0.980	mg/L	0.500	1		12/21/23 10:58	EPA 200.7		BEL0697
Magnesium	8.2	mg/L	0.1	1		12/21/23 10:58	EPA 200.7		BEL0697
Sodium	85	mg/L	1	1		12/21/23 10:58	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	25.7	mg/L	0.1	1	10	12/20/23 18:35	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 12:01	SM 2320 B		BEL0773
pH	7.4	units	1.0	1		12/21/23 12:01	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 12:01	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	73.8	mg/L	0.5	1	250	12/20/23 18:35	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	760	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



Account# 00-0020531
Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

Sample Results
(Continued)

Sample: Dom 1 (DVF #2) Sampled: 12/17/2023 0:00

23L1153-09 (Water) Sampled By: Client /Cynthia Tiemersma

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	218	mg/L	10.0	1		12/21/23 12:24	SM 2320 B		BEL0773
Calcium	124	mg/L	0.1	1		12/21/23 11:00	EPA 200.7		BEL0697
Chloride	72.1	mg/L	0.2	1	250	12/20/23 21:14	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 12:24	SM 2320 B		BEL0773
Electrical Conductivity	1.04	mmhos/cm	0.01	1		12/21/23 12:24	SM 2510 B		BEL0773
<b>Electrical Conductivity umhos</b>	1040	umhos/cm	10.0	1		12/21/23 12:24	SM 2510 B		BEL0773
Bicarbonate as CaCO3	218	mg/L	5.00	1		12/21/23 12:24	SM 2320 B		BEL0773
Potassium	1.26	mg/L	0.500	1		12/21/23 11:00	EPA 200.7		BEL0697
Magnesium	4.8	mg/L	0.1	1		12/21/23 11:00	EPA 200.7		BEL0697
Sodium	76	mg/L	1	1		12/21/23 11:00	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	29.8	mg/L	0.1	1	10	12/20/23 21:14	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 12:24	SM 2320 B		BEL0773
pH	7.5	units	1.0	1		12/21/23 12:24	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 12:24	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	71.5	mg/L	0.5	1	250	12/20/23 21:14	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	660	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764

Received: 12/20/2023 8:10



Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

**Sample Results** (Continued)

Sampled: 12/17/2023 0:00 Sample: Dom 2 (DVF #2) 23L1153-10 (Water)

Sampled By: Client /Cynthia Tiemersma

Received: 12/20/2023 8:10

Analyte	Result	Units	Reporting Limit	DIL	DW MCL	Date/Time Analyzed	Method	Notes	Batch
Alkalinity as CaCO3	216	mg/L	10.0	1		12/21/23 12:30	SM 2320 B		BEL0773
Calcium	123	mg/L	0.1	1		12/21/23 11:01	EPA 200.7		BEL0697
Chloride	71.7	mg/L	0.2	1	250	12/20/23 21:34	EPA 300.0		BEL0730
Carbonate as CaCO3	ND	mg/L	1	1		12/21/23 12:30	SM 2320 B		BEL0773
Electrical Conductivity	1.03	mmhos/cm	0.01	1		12/21/23 12:30	SM 2510 B		BEL0773
<b>Electrical Conductivity umhos</b>	1030	umhos/cm	10.0	1		12/21/23 12:30	SM 2510 B		BEL0773
Bicarbonate as CaCO3	216	mg/L	5.00	1		12/21/23 12:30	SM 2320 B		BEL0773
Potassium	1.20	mg/L	0.500	1		12/21/23 11:01	EPA 200.7		BEL0697
Magnesium	4.8	mg/L	0.1	1		12/21/23 11:01	EPA 200.7		BEL0697
Sodium	79	mg/L	1	1		12/21/23 11:01	EPA 200.7		BEL0697
Ammonia (as N)	*	mg/L	0.00	1		12/20/23 09:36	Field		BEL0765
Nitrate Nitrogen as NO3N	29.9	mg/L	0.1	1	10	12/20/23 21:34	EPA 300.0		BEL0730
Hydroxide as CaCO3	ND	mg/L	1.00	1		12/21/23 12:30	SM 2320 B		BEL0773
pH	7.6	units	1.0	1		12/21/23 12:30	SM 4500-H+	Н	BEL0773
Temperature	25.0	units	0.0	1		12/21/23 12:30	SM 4500-H+	Н	BEL0773
Sulfate (SO4)	70.9	mg/L	0.5	1	250	12/20/23 21:34	EPA 300.0		BEL0730
Total Filterable Solids (TDS)	690	mg/L	10.0	1		12/21/23 14:16	SM 2540 C		BEL0764



Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

#### **Quality Control**

Received: 12/20/2023 8:10 Reported: 12/27/2023 13:44

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0697									
Blank (BEL0697-BLK1)			Pre	epared: 12/18	3/2023 Analyz	red: 12/21/20	)23		
Sodium	ND	1	mg/L		•				
Calcium	ND	0.1	mg/L						
Potassium	ND	0.500	mg/L						
Magnesium	ND	0.1	mg/L						
Blank (BEL0697-BLK2)			Pre	epared: 12/18	3/2023 Analyz	red: 12/21/20	)23		
Sodium	ND	1	mg/L						
Potassium	ND	0.500	mg/L						
Calcium	ND	0.1	mg/L						
Magnesium	ND	0.1	mg/L						
LCS (BEL0697-BS1)			Pre	epared: 12/18	3/2023 Analyz	red: 12/21/20	)23		
Sodium	38	1	mg/L	35.71		107	90-110		
Calcium	37.2	0.1	mg/L	35.71		104	90-110		
Potassium	37.4	0.500	mg/L	35.71		105	90-110		
Magnesium	37.5	0.1	mg/L	35.71		105	90-110		
LCS (BEL0697-BS2)			Pre	epared: 12/18	3/2023 Analyz	zed: 12/21/20	)23		
Sodium	37	1	mg/L	35.71	, ,	104	90-110		
Potassium	36.2	0.500	mg/L	35.71		101	90-110		
Calcium	37.4	0.1	mg/L	35.71		105	90-110		
Magnesium	37.1	0.1	mg/L	35.71		104	90-110		
Duplicate (BEL0697-DUP1)	Source:	23L0778-01	Pre	epared: 12/18	3/2023 Analyz	red: 12/21/20	)23		
Potassium	ND	0.500	mg/L	'	, ND				15
Calcium	3.7	0.1	mg/L		3.5			5.77	15
Sodium	12	1	mg/L		12			5.67	15
Magnesium	0.8	0.1	mg/L		0.7			5.67	15
Matrix Spike (BEL0697-MS1)	Source:	23L0778-01	Pre	epared: 12/20	)/2023 Analyz	red: 12/21/20	)23		
Sodium	51	1	mg/L	35.71	. 12	111	90-110		
Calcium	42.0	0.1	mg/L	35.71	3.5	108	90-110		
Potassium	38.2	0.500	mg/L	35.71	ND	107	90-110		
Magnesium	39.1	0.1	mg/L	35.71	0.7	107	90-110		
Matrix Spike (BEL0697-MS2)	Source:	23L1153-08	Pre	epared: 12/20	)/2023 Analyz	red: 12/21/20	)23		
Potassium	38.9	0.500	mg/L	35.71	0.980	106	90-110		
Calcium	191	0.1	mg/L	35.71	144	131	90-110		
Sodium	127	1	mg/L	35.71	85	119	90-110		
Magnesium	46.7	0.1	mg/L	35.71	8.2	108	90-110		
Reference (BEL0697-SRM2)			Pre	epared: 12/18	3/2023 Analyz	red: 12/21/20	)23		
Sodium	93		mg/L	91.50	, //2	102	90-110		

The results in this report apply to the samples as received and were analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

## Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0697 (Continued)									
Reference (BEL0697-SRM2)			Pre	pared: 12/18,	/2023 Analyze	d: 12/21/20	123		
Potassium	21.9		mg/L	21.90		100	90-110		
Reference (BEL0697-SRM3)			Pre	pared: 12/18,	/2023 Analyze	d: 12/21/20	123		
Calcium	46.7		mg/L	45.90		102	90-110		
Magnesium	36.2		mg/L	35.60		102	90-110		

Received: 12/20/2023 8:10



Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0730									
Blank (BEL0730-BLK1)				Dropared 9	& Analyzed: 1	2/20/2022			
Chloride	ND	0.2	ma/l	Prepareu	& Analyzeu: 1	2/20/2023			
Nitrate Nitrogen as NO3N	ND ND	0.2	mg/L						
Sulfate (SO4)	ND	0.5	mg/L mg/L						
Blank (BEL0730-BLK2)				Prepared 8	& Analyzed: 1	2/20/2023			
Chloride	ND	0.2	mg/L	·	•				
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0730-BLK3)				Prepared 8	& Analyzed: 1	2/21/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
Blank (BEL0730-BLK4)				Prepared 8	& Analyzed: 1	2/21/2023			
Chloride	ND	0.2	mg/L						
Nitrate Nitrogen as NO3N	ND	0.1	mg/L						
Sulfate (SO4)	ND	0.5	mg/L						
LCS (BEL0730-BS1)				Prepared 8	& Analyzed: 1	2/20/2023			
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)	4.7	0.5	mg/L	5.000		94.8	90-110		
LCS (BEL0730-BS2)				Prepared 8	& Analyzed: 1	2/21/2023			
Chloride	5.0	0.2	mg/L	5.000		99.9	90-110		
Nitrate Nitrogen as NO3N	5.2	0.1	mg/L	5.000		103	90-110		
Sulfate (SO4)	4.7	0.5	mg/L	5.000		95.0	90-110		
LCS (BEL0730-BS3)				Prepared 8	& Analyzed: 1	2/21/2023			
Chloride	5.0	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		95.4	90-110		
Duplicate (BEL0730-DUP1)	Source:	23L1151-02		Prepared 8	& Analyzed: 1	2/20/2023			
Chloride	14.2	0.2	mg/L		14.2			0.240	10
Nitrate Nitrogen as NO3N	3.9	0.1	mg/L		3.9			0.413	10
Sulfate (SO4)	12.9	0.5	mg/L		12.9			0.441	10
Duplicate (BEL0730-DUP2)	Source:	23L1169-01		Prepared 8	& Analyzed: 1	2/21/2023			
Chloride	0.4	0.2	mg/L		0.4			0.00	10
Nitrate Nitrogen as NO3N	0.05	0.1	mg/L		0.05			0.00	10
Sulfate (SO4)	0.2	0.5	mg/L		0.2				10

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Received: 12/20/2023 8:10



Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

## Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Ratch: RELOTZO (Continued)									

Analyte	Result Qual	Limit	Units	Level	Result	%REC	Limits	RPD	Limit
Batch: BEL0730 (Continued)									
Duplicate (BEL0730-DUP3)	Source: 23	3L1205-02		Prepared 8	k Analyzed: 12	2/21/2023			
Chloride	13.5	0.2	mg/L		13.6			0.773	10
Nitrate Nitrogen as NO3N	1.2	0.1	mg/L		1.3			0.958	10
Sulfate (SO4)	3.3	0.5	mg/L		3.3			0.367	10
Matrix Spike (BEL0730-MS1)	Source: 23	BL1151-02		Prepared 8	k Analyzed: 12	2/20/2023			
Chloride	19.3	0.2	mg/L	5.000	14.2	102	90-110		
Nitrate Nitrogen as NO3N	9.2	0.1	mg/L	5.000	3.9	107	90-110		
Sulfate (SO4)	18.3	0.5	mg/L	5.000	12.9	107	90-110		
Matrix Spike (BEL0730-MS2)	Source: 23	BL1169-01		Prepared 8	k Analyzed: 12	2/21/2023			
Chloride	5.6	0.2	mg/L	5.000	0.4	104	90-110		
Nitrate Nitrogen as NO3N	5.3	0.1	mg/L	5.000	0.05	104	90-110		
Sulfate (SO4)	5.0	0.5	mg/L	5.000	0.2	100	90-110		
Matrix Spike (BEL0730-MS3)	Source: 23	BL1205-02		Prepared 8	k Analyzed: 12	2/21/2023			
Chloride	18.6	0.2	mg/L	5.000	13.6	99.1	90-110		
Nitrate Nitrogen as NO3N	6.6	0.1	mg/L	5.000	1.3	106	90-110		
Sulfate (SO4)	8.5	0.5	mg/L	5.000	3.3	105	90-110		
Reference (BEL0730-SRM1)				Prepared 8	k Analyzed: 12	2/20/2023			
Chloride	13.3		mg/L	12.50		106	90-110		
Nitrate Nitrogen as NO3N	10.5		mg/L	10.00		105	90-110		
Sulfate (SO4)	10.4		mg/L	10.00		104	90-110		
Reference (BEL0730-SRM2)				Prepared 8	k Analyzed: 12	2/20/2023			
Chloride	13.2		mg/L	12.50		106	90-110		
Nitrate Nitrogen as NO3N	10.5		mg/L	10.00		105	90-110		
Sulfate (SO4)	10.3		mg/L	10.00		103	90-110		
Reference (BEL0730-SRM3)				Prepared 8	k Analyzed: 12	2/21/2023			
Chloride	13.2		mg/L	12.50		106	90-110		
Nitrate Nitrogen as NO3N	10.5		mg/L	10.00		105	90-110		
Sulfate (SO4)	10.3		mg/L	10.00		103	90-110		
Reference (BEL0730-SRM4)				Prepared 8	k Analyzed: 12	2/21/2023			
Chloride	13.2		mg/L	12.50		106	90-110		
Nitrate Nitrogen as NO3N	10.5		mg/L	10.00		105	90-110		
Sulfate (SO4)	10.4		mg/L	10.00		104	90-110		

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Received: 12/20/2023 8:10



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0764									
Blank (BEL0764-BLK1)			Pre	pared: 12/20	/2023 Analyze	ed: 12/21/20	)23		
Total Filterable Solids (TDS)	ND	10.0	mg/L						
LCS (BEL0764-BS1)			Pre	pared: 12/20	/2023 Analyzo	ed: 12/21/20	)23		
Total Filterable Solids (TDS)	28.8	10.0	mg/L	2000		1.44	0-200		
Duplicate (BEL0764-DUP1)	Source: 2	3L1151-01	Pre	pared: 12/20	)23				
Total Filterable Solids (TDS)	730	10.0	mg/L		710			2.78	10
Duplicate (BEL0764-DUP2)	Source: 2	23L1153-10	Pre	pared: 12/20	)23				
Total Filterable Solids (TDS)	680	10.0	mg/L		690			1.46	10
Reference (BEL0764-SRM1)	Prepared: 12/20/2023 Analyzed: 12/21/2023								
Total Filterable Solids (TDS)	390		mg/L	390.0		100	90-110		

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Account# 00-0020531

Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

#### Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0773									
Blank (BEL0773-BLK1)			Prep	ared: 12/20	/2023 Analyz	ed: 12/21/20	)23		
Hydroxide as CaCO3	ND	1.00	•		,				
pH	5.0	1.0	-						
Carbonate as CaCO3	ND	1							
Electrical Conductivity	ND	0.01	mmhos/cm						
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						
Blank (BEL0773-BLK2)			Prep	ared: 12/20	/2023 Analyz	ed: 12/21/20	)23		
Alkalinity as CaCO3	ND	10.0	mg/L						
pH	5.4	1.0	units						
Hydroxide as CaCO3	ND	1.00	mg/L						
Electrical Conductivity	ND	0.01	mmhos/cm						
Carbonate as CaCO3	ND	1	mg/L						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Temperature	25.0	0.0	units						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Blank (BEL0773-BLK3)			Prep	ared: 12/20	/2023 Analyz	ed: 12/21/20	)23		
рН	5.4	1.0	units						
Electrical Conductivity	ND	0.01	mmhos/cm						
Alkalinity as CaCO3	ND	10.0	mg/L						
Carbonate as CaCO3	ND	1	mg/L						
Hydroxide as CaCO3	ND	1.00	mg/L						
Temperature	25.0	0.0	units						
Electrical Conductivity umhos	ND	10.0	umhos/cm						
Bicarbonate as CaCO3	ND	5.00	mg/L						
Duplicate (BEL0773-DUP1)	Source	: 23L1153-08	Prep	ared: 12/20	/2023 Analyz	ed: 12/21/20	)23		
Electrical Conductivity	1.18	0.01	mmhos/cm		1.18			0.127	10
Carbonate as CaCO3	ND	1	mg/L		ND				10
pH	7.4	1.0	units		7.4			0.674	10
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Alkalinity as CaCO3	318	10.0	mg/L		319			0.226	10
Electrical Conductivity umhos	1180	10.0	umhos/cm		1180			0.127	10
Duplicate (BEL0773-DUP2)	Source	: 23L1185-01	Prepared: 12/20/2023 Analyzed: 12/21/2023				)23		
Hydroxide as CaCO3	ND	1.00	mg/L		ND				10
Alkalinity as CaCO3	152	10.0	mg/L		152			0.0790	10
pH	7.1	1.0	units		7.0			0.568	10
Electrical Conductivity	0.38	0.01	mmhos/cm		0.39			1.15	10
Carbonate as CaCO3	ND	1	mg/L		ND				10

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Received: 12/20/2023 8:10



Account# 00-0020531 Account Manager: Ben Nydam Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

# Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0773 (Continued)									
Duplicate (BEL0773-DUP2)	Source:	23L1185-01	Prep	ared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
Electrical Conductivity umhos	382	10.0	umhos/cm		386			1.15	10
Reference (BEL0773-SRM1)			Prep	ared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
Alkalinity as CaCO3	124		mg/L	128.0		97.1	90-110		
Electrical Conductivity	456		umhos/cm	426.0		107	90-110		
Reference (BEL0773-SRM2)			Prep	ared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
Alkalinity as CaCO3	127		mg/L	128.0		99.6	90-110		
Electrical Conductivity	457		umhos/cm	426.0		107	90-110		
Reference (BEL0773-SRM3)			Prep	pared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
Alkalinity as CaCO3	127		mg/L	128.0		99.0	90-110		
Electrical Conductivity	449		umhos/cm	426.0		105	90-110		
Reference (BEL0773-SRM4)			Prep	pared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
pH	4.0		units	4.000		100	97.5-102.5		
Reference (BEL0773-SRM5)			Prep	pared: 12/20	/2023 Analyze	ed: 12/21/2	2023		
рН	4.0		units	4.000		100	97.5-102.5		
Reference (BEL0773-SRM6)			Prep	pared: 12/20	)/2023 Analyze	ed: 12/21/2	2023		
pH	4.0		units	4.000	,	99.8	97.5-102.5		
Reference (BEL0773-SRM7)			Prep	pared: 12/20	)/2023 Analyze	ed: 12/21/2	2023		
pH	7.5		units	7.520	,	99.7	67021-101.32		

Received: 12/20/2023 8:10



Account# 00-0020531 Account Manager: Ben Nydam

Submitted By: Darren Ranch: 4995 Ave 304 Visalia

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

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
·									
Batch: BEL0812									
Blank (BEL0812-BLK1)				pared: 12/26	/2023 Analyz	ed: 12/27/20	)23		
Sodium	ND	1	mg/L						
Calcium	ND	0.1	mg/L						
Potassium	ND	0.500	mg/L						
Magnesium	ND	0.1	mg/L						
Blank (BEL0812-BLK2)			Pre	pared: 12/26	/2023 Analyz	ed: 12/27/20	)23		
Sodium	ND	1	mg/L						
Potassium	ND	0.500	mg/L						
Calcium	ND	0.1	mg/L						
Magnesium	ND	0.1	mg/L						
LCS (BEL0812-BS1)			Pre	pared: 12/26	/2023 Analyz	ed: 12/27/20	)23		
Calcium	35.9	0.1	mg/L	35.71	,	100	90-110		
Sodium	35	1	mg/L	35.71		99.4	90-110		
Potassium	35.4	0.500	mg/L	35.71		99.2	90-110		
Magnesium	35.7	0.1	mg/L	35.71		99.9	90-110		
LCS (BEL0812-BS2)			Pre	pared: 12/26	/2023 Analyz	ed: 12/27/20	)23		
Potassium	36.5	0.500	mg/L	35.71		102	90-110		
Sodium	39	1	mg/L	35.71		109	90-110		
Calcium	37.9	0.1	mg/L	35.71		106	90-110		
Magnesium	38.4	0.1	mg/L	35.71		108	90-110		
Duplicate (BEL0812-DUP1)	Source: 2	23L1246-01	Pre						
Sodium	186	1	mg/L		177			4.90	15
Calcium	64.6	0.1	mg/L		61.3			5.22	15
Potassium	1.51	0.500	mg/L		1.38			8.87	15
Magnesium	27.9	0.1	mg/L		26.5			5.14	15
Matrix Spike (BEL0812-MS1)	Source: 2	23L1246-01	Pre	)23					
Potassium	41.9	0.500	mg/L	35.71	1.38	113	90-110		
Sodium	222	1	mg/L	35.71	177	126	90-110		
Calcium	107	0.1	mg/L	35.71	61.3	128	90-110		
Magnesium	67.8	0.1	mg/L	35.71	26.5	116	90-110		
Matrix Spike (BEL0812-MS2)	Source: 2	23L1251-04	Pre	pared: 12/26	/2023 Analyz	ed: 12/27/20	)23		
Calcium	153	0.1	mg/L	35.71	110	120	90-110		
Potassium	43.1	0.500	mg/L	35.71	4.06	109	90-110		
Sodium	98	1	mg/L	35.71	58	114	90-110		
Magnesium	76.6	0.1	mg/L	35.71	36.2	113	90-110		
	Prepared: 12/26/2023 Analyzed: 12/27/2023								

Sodium mg/L 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

91.50

103 90-110

Received: 12/20/2023 8:10



Account# 00-0020531
Account Manager: Ben Nydam
Submitted By: Darren

Ranch: 4995 Ave 304 Visalia

## Quality Control (Continued)

Analyte	Result Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BEL0812 (Continued)									
Reference (BEL0812-SRM2)			Pre	pared: 12/26	/2023 Analyze	ed: 12/27/20	)23		
Potassium	21.6		mg/L	21.90		98.6	90-110		
Reference (BEL0812-SRM3)	Prepared: 12/26/2023 Analyzed: 12/27/2023								
Calcium	47.2		mg/L	45.90		103	90-110		
Magnesium	36.8		mg/L	35.60		103	90-110		

Received: 12/20/2023 8:10



12/20/23 08:10

23L1153

#### 16 WATER WORK REQUEST

WATI	ER WORK REQ	UEST	DELLAVA 1910 W. McKinley Aven		BORATORY Fresno, CA 93728	, INC.		
Acct ?		The second secon	www.dellavallelab.com 559 23			10		
Bill To:	20531	08	No. of Samples	- Annual Control	nking No. Bottles	Wastewater		
D. A. O. A. N.	D 16 N 1 1 D		Ag Water		und Water	Mon. Well		
Purchase Order No.	Results Needed By		Supply Water		er			
Client	Delta View Fari		Analysis and Bottles			(lysis)		
Address City, State, Zip	4845 Ave. 3 Visalia, Ca		DWW1: (EC, pl					
Email:	deltaviewfarms@							
			(1) 1 L plastic, v	ACCOUNT A LINE AND ADDRESS OF THE PARTY OF T	O <sub>3</sub> , HCO <sub>3</sub> , Cl, Ca, M	lg, Na, TDS)		
Copy to:	solaconsultinginc@	gmail.com			ilic)			
Requested by/Cell:	Darren 46	9-6705	DCW1: (EC, NO		hite)			
Facility:	4995 Ave 304 V	v isalia	DPW1: (EC, pH		N, TKN, TDS, TP,	IK)		
Date sampled	picked up	12/19/23				CI)		
Sampled by	Client / Cynthia	a Tiemersma	(1) 1 L plastic, u		Na, HCO <sub>3</sub> , CO <sub>3</sub> , SO <sub>4</sub> hite)	4, CI)		
✓ QA/QC Docum	ent	in RWQCB	Other					
			Date	Time	Field	Received		
DESCRIPTION OF S.	AMPLES		Sampled	Sampled	NH4-N (mg/L)	Temp °C		
1. DVF	Sampled	From:	12/18/23			0,4		
2. Sarquis	Sampled	From:	12/18/23			-0.8		
3. Mobile Ho	omes Sampled	From:	12/17/23			-0.4		
4. Camera 1	Sampled	From:	12/18/23			-0,0		
5. Rogers	Sampled	From:	12/18/23			-0,7		
6. Greg's Hou	use Sampled	From:	12/17/23			-0.4		
7. Dairy 1 (D	OV Dom S) Sampled	From:	12/17/23			-0.8		
8. G&M Dor	n Sampled	From:	12/1/23		-0,3			
9. Dom 1 (D'	VE #2)		10/10/2			0.1		
		From:	10/1/25			12		
10. Dom 2 (D	VF #2) Sampled	From:	12/17/23			0,0		
CHAIN OF CUSTO	DY							
Carrier	Signature	Company	Received (Dat	e/Time)	Relinquished (	(Date/Time)		
First	CH	DUE	17/19/23	1:50	12/19/23	2:43		
Second								
Third	1,11	la la . D	1 1 1 1					
Fourth	NA	14/20 DC	1 14/20/23	8:10				
I guarantee that as the client, or on beha attorneys' fees. It is understood that payment i If payment is not made when due and a the dispute will be submitted to binding arbitr of arbitration, reasonable attorneys' fees of De	is expected to be eash with samples unless term legitimate dispute exists concerning the produc- ration through ead under its Rules and Procedur	at or services of Dellavalle Laboratory, Inc., it will	found that I do not have such authority, I agree to b days; overdue accounts will be charged a dated dan be submitted to mediation under the Rules and Pro- ion/arbitration. If, however, the mediator declares th	age fee of 2% per month (annuedures of Creative Alternative	to Litigation, Inc. (cal). If the dispute it	ver is greater. s not resolved in mediation, ther		
Invoicing Information: Price List 2023 Sampling Hrs	Miles Consulting	Shipping  S  S	InOut SignatureSa	mple received in coole	er with ice?			

IR Thermometer SN: 200560723 Correction Factor: 0°C Calibration Due: 03/06/2024 Location: Laboratory



12/20/23 08:10

□ S	amples refrideersted before pick up								anfor	NAME OF TAXABLE PARTY.	
COLUMN TWO IS NOT THE OWNER.	amples refridgerated before pick up			_ F	Picked u	ip samp	les plac	ed in Ic	e chest		
Container: Ice Chest X Box D None D				Refrigerant: Wet Ice K Blue Ice							
					eserved					t Laborat	
					THE RESERVE AND ADDRESS OF THE PERSON NAMED IN	CONTRACTOR DESIGNATION	Number	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN	1 2 2		
	Type of Container(s) Received	1	2	3	4	5	6	7	8	9	10
	Sample		iners f			LI) Use					
11	00 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)	Contain	loro triat		Lazy						
	50 mL unpreserved (White) Plastic					.mm					
	50 mL HNO <sub>3</sub> (Red) Plastic		12		7411111						
SS	* pH Value							du	liffigue		
Plastics	50 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic									B)	
E E	* pH Value		The state of the s								
5	00 mL unpreserved (White) Plastic										
	L unpreserved (White) Plastic	1									
	L unpreserved (BOD) (Purple) Plastic										
cial	00mL unpreserved (White) Glass					THE REAL PROPERTY.					
	O4-P Kit					200	-mediti.				
တ ပြ	ther:			44-	1 /!!С - 11	10.4	\ A	- Annual Comment	igino.		
	Sample Container							ses			
14	(Containers that 00 mL sterile plastic Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)	go in th	e Subcoi	ntract ( 3	sena Out	) Reirig	erator)				
100											
	50 mL unpreserved (White) Plastic 50 mL HNO <sub>3</sub> (Red) Plastic										
SS S	50 mL H <sub>2</sub> SO <sub>4</sub> (Yellow) Plastic										
stic											
~	00 mL HNO <sub>3</sub> (Red)				1				His.		
1	L unpreserved (White) Plastic						.000	74			
	L unpreserved (BOD) (Purple) Plastic			9 . 9							
	L HNO <sub>3</sub> (Red)										
Children County of the County	$0 \text{ mL VOA}, \text{Na}_2\text{S}_2\text{O}_3 + \text{MCAA} \text{(EPA531)}$	13.				40			Brass		
s 4	$0 \text{ mL VOA}, \text{Na}_2\text{S}_2\text{O}_3$ (EPA547)						-				
	0mL AG VOA unpreserved (White) (Set of 3)								mile filliffina		
A 40	0 mL AG VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)										
	0mL VOA, H <sub>3</sub> PO <sub>4</sub> (Set of 3)										
4	0 mL VOA, HCI (Blue) (Set of 3)							- 4			
	0 mL VOA, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green) (Set of 3)										
2	50 mL AG unpreserved (White)			4							
	50 mL AG H <sub>2</sub> SO <sub>4</sub> (Yellow)			40							
	50 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)										
The state of the s	50 mL AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> + MCAA										
	00 mL glass unpreserved (White)										
	00 mL AG HCI (Blue)		dilb	inerellione	This is a second of the second		P				
1	L AG unpreserved (White)  L AG H <sub>2</sub> SO <sub>4</sub> (Yellow)										
1000	L AG Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (Green)				- Annaught Bar						
	L AG HCI (Blue)										
	r° - 50mL Plastic w/Borate/HCO <sub>3</sub> /CO <sub>3</sub>										
	cyanide - 500 mL NaOH			P.	"William"						
_											
	sbestos - 1L P wrapped in foil (Set of 2)	-4411.						1111			
ocia	Chlorite/Bromate - 250 mL AG with EDA	الالتاس			1000						
	AA5 - 250mL AG Ammonium Chlorite										
-	O KIT	-vinnum(P*									
	Other:	4		P			The state of				
	other:									Page 23	of 23