



DELLAVALLE
Laboratory, Inc.
Chemists and Consultants

Report of Water Analysis

1910 W. McKinley, Suite 110, Fresno, CA 93728

FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Friant Water Authority
854 N Harvard Ave
Lindsay CA 93247-1715
10616
50

Lab No. 262749
Sampler Jonathan Verhoeven
Submitted Date 9/6/2017
Submitted by Sam Stoops
Reported Date 9/19/2017
Location/Project
Copy To
Fax (559) 562-3496
e-mail sstoops@friantwater.org

Ag Suitability Crop:

	Date Sampled	Time Sampled	EC dS/m	Ca meq/L	Mg meq/L	Na meq/L	Adj SAR		Cl meq/L	CO ₃ +HCO ₃ meq/L	SO ₄ meq/L	B mg/L	NO ₃ -N mg/L	Fe mg/L	Mn mg/L	pH unit	L.I. Calc	TDS mg/L	Nitrogen agricultural use calculations	
							SAR	Calc											lbs/AcFoot	lbs/AcInch
RL→			0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.10	0.02	1.0 to 14.0	-2.0 to 2.0	10.0		
SM→			2510 B				Calc	Calc		2320 B						4500H B	2330 B	2540 C		
EPA→				200.7	200.7	200.7			300.0		300.0	200.7	300.0	200.7	200.7					
Analysis Date:			9/7/17	9/19/17	9/19/17	9/19/17	9/19/17	9/19/17	9/7/17	9/7/17	9/7/17	9/19/17	9/7/17	9/19/17	9/19/17	9/7/17	9/19/17	9/15/17		
Analysis Time:			11.32	9.42	9.42	9.42	9.42		1.23	11.32	1.23	9.42	1.23	9.42	9.42	11.32		11.07		

calculated from nitrate-N
lbs/AcFoot lbs/AcInch

1	MC 22.40	9/5/17	10:00	0.02	0.07	0.02	0.0	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.2	15	0.0	0.0
2	MC 7.32	9/5/17	10:55	0.02	0.07	0.02	0.0	0.2	<0.1	<0.1	0.1	<0.1	<0.05	<0.1	<0.10	<0.02	6.9	-3.3	13	0.0	0.0
3	FKC 34.92	9/5/17	12:45	0.02	0.08	0.02	0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	6.8	-3.3	14	0.0	0.0
4	FKC 62.02	9/5/17	14:00	0.02	0.09	0.02	0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	15	0.0	0.0
5	FKC 71.37	9/6/17	6:45	0.02	0.09	0.02	0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.1	15	0.0	0.0
6	FKC 95.76	9/6/17	8:15	0.02	0.08	0.02	0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.1	14	0.0	0.0
7	FKC 122.05	9/6/17	9:20	0.02	0.08	0.02	0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	14	0.0	0.0
8	KKC 151.80	9/6/17	10:00	0.02	0.08	0.02	0.0	0.2	<0.1	<0.1	0.2	<0.1	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	14	0.0	0.0

Non-Regulatory for State Drinking Water Requirements

NO3-N MCL = 10 mg/L for Drinking Waters

RL = Reporting Limit

pH analyzed outside of 15 min hold time.

SM = Standard Methods for the Examination of Water and Wastewater, 19th ed., 1995

EPA = Environmental Protection Agency methods

Dissolved metals (**bolded**) were filtered.

QA/QC available upon request.

Approved By: Scott M. Friedland



DELLAVALLE[®]
Laboratory, Inc.
Chemists and Consultants

Report of Water Analysis

1910 W. McKinley, Suite 110, Fresno, CA 93728
 FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Friant Water Authority
 854 N Harvard Ave
 Lindsay CA 93247-17
 10616
 50

Lab No. 262749
 Sampler Jonathan Verhoeven
 Submitted Date 9/6/2017
 Submitted by Sam Stoops
 Reported Date 9/19/2017
 Location/Project
 Copy To
 Fax (559) 562-3496
 e-mail sstoops@friantwater.org

Ag Suitability Crop:

	Date	Time	EC	Ca	Mg	Na	SAR	Adj SAR	Cl	CO ₃ +HCO ₃	SO ₄	B	NO ₃ -N	Fe	Mn	pH	L.I.	TDS
	Sampled	Sampled	dS/m	mg/L	mg/L	mg/L			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	unit	Calc	mg/L
RL→			0.01	0.1	0.1	1.0	0.1	0.1	0.1	6.0	0.5	0.05	0.1	0.10	0.02	1.0 to 14.0	-2.0 to 2.0	10.0
SM→			2510 B				Calc	Calc		2320 B						4500H B	2330 B	2540 C
EPA→				200.7	200.7	200.7			300.0		300.0	200.7	300.0	200.7	200.7			
Analysis Date:			9/7/17	9/19/17	9/19/17	9/19/17	9/19/17	9/19/17	9/7/17	9/7/17	9/7/17	9/19/17	9/7/17	9/19/17	9/19/17	9/7/17	9/19/17	9/15/17
Analysis Time:			11:32	9:42	9:42	9:42	9:42		1:23	11:32	1:23	9:42	1:23	9:42	9:42	11:32		11:07

1	MC 22.40	9/5/17	10:00	0.02	1.4	0.2	1	0.2	<0.1	0.6	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.2	15
2	MC 7.32	9/5/17	10:55	0.02	1.5	0.2	1	0.2	<0.1	0.4	7	<0.5	<0.05	<0.1	<0.10	<0.02	6.9	-3.3	13
3	FKC 34.92	9/5/17	12:45	0.02	1.6	0.3	1	0.2	<0.1	0.5	8	<0.5	<0.05	<0.1	<0.10	<0.02	6.8	-3.3	14
4	FKC 62.02	9/5/17	14:00	0.02	1.8	0.3	1	0.2	<0.1	0.5	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	15
5	FKC 71.37	9/6/17	6:45	0.02	1.8	0.3	1	0.2	<0.1	0.4	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.1	15
6	FKC 95.76	9/6/17	8:15	0.02	1.5	0.2	1	0.2	<0.1	0.5	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.1	14
7	FKC 122.05	9/6/17	9:20	0.02	1.6	0.3	1	0.2	<0.1	0.5	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	14
8	KKC 151.80	9/6/17	10:00	0.02	1.6	0.2	1	0.2	<0.1	0.5	8	<0.5	<0.05	<0.1	<0.10	<0.02	7.0	-3.0	14



DELLAVALLE[®]
Laboratory, Inc.
Chemists and Consultants

Report of Water Analysis


1910 W. McKinley, Suite 110, Fresno, CA 93728

FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Friant Water Authority
 854 N Harvard Ave
 Lindsay CA 93247-1715
 10616
 50

Ag Suitability Crop:

Lab No. 262749
 Sampler Jonathan Verhoeven
 Submitted Date 9/6/2017
 Submitted by Sam Stoops
 Reported Date 9/19/2017
 Location/Project
 Copy To
 Fax (559) 562-3496
 e-mail sstoops@friantwater.org

Date Sampled	Time Sampled	EC dS/m	Ca meq/L	Mg meq/L	Na meq/L	SAR	Adj	Cl meq/L	CO ₃ +HCO ₃ meq/L	SO ₄ meq/L	B mg/L	NO ₃ -N mg/L	Fe mg/L	Mn mg/L	pH unit	L.I. Calc	TDS mg/L	Nitrogen agricultural use calculations
							SAR											
RL-->		0.01	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.05	0.1	0.10	0.02	1.0 to 14.0	-2.0 to 2.0	10.0	
SM-->		2510 B					Calc	Calc							4500H B	2330 B	2540 C	
EPA-->			200.7	200.7	200.7				300.0		300.0	200.7	300.0	200.7	200.7			
Analysis Date:		9/7/17	9/19/17	9/19/17	9/19/17	9/19/17	9/19/17	9/7/17	9/7/17	9/7/17	9/19/17	9/7/17	9/19/17	9/19/17	9/7/17	9/19/17	9/15/17	calculated from nitrate-N lbs/AcFoot lbs/AcInch
Analysis Time:		11:32	9:42	9:42	9:42	9:42		1:23	11:32	1:23	9:42	1:23	9:42	9:42	11:32		11:07	

ELAP Certification #1595



DELLAVALLE
Laboratory, Inc.
Chemists and Consultants

Report of Water Analysis

1910 W. McKinley, Suite 110, Fresno, CA 93728
 FAX (559) 268-8174 - (800) 228-9896 - (559) 233-6129

Friant Water Authority
 854 N Harvard Ave
 Lindsay CA 93247-17
 10616
 50

Lab No. 262749
 Sampler Jonathan Verhoeven
 Submitted Date 9/6/2017
 Submitted by Sam Stoops
 Reported Date 9/19/2017
 Location/Project
 Copy To
 Fax (559) 562-3496
 e-mail sstoops@friantwater.org

Ag Suitability Crop:

	Date	Time	EC	Ca	Mg	Na	SAR	Adj SAR	Cl	CO ₃ +HCO ₃	SO ₄	B	NO ₃ -N	Fe	Mn	pH	L.I.	TDS
	Sampled	Sampled	dS/m	mg/L	mg/L	mg/L			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	unit	Calc	mg/L
RL→			0.01	0.1	0.1	1.0	0.1	0.1	0.1	6.0	0.5	0.05	0.1	0.10	0.02	1.0 to 14.0	-2.0 to 2.0	10.0
SM→			2510 B				Calc	Calc		2320 B						4500H B	2330 B	2540 C
EPA→				200.7	200.7	200.7			300.0		300.0	200.7	300.0	200.7	200.7			
Analysis Date:			9/7/17	9/19/17	9/19/17	9/19/17	9/19/17	9/19/17	9/7/17	9/7/17	9/7/17	9/19/17	9/7/17	9/19/17	9/19/17	9/7/17	9/19/17	9/15/17
Analysis Time:			11.32	9.42	9.42	9.42	9.42		1.23	11.32	1.23	9.42	1.23	9.42	9.42	11.32		11.07