



# Oilfield Environmental & Compliance, Inc.

Cawelo Water District 17207 Industrial Farm Road Bakersfield CA, 93308	Project: Cawelo Water District Project Number: GENERAL Project Manager: Tino Jimenez	WO & Reported: <b>2104279</b> 07/19/2021 21:12
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## Analytical Report for Samples

Sample ID : **RES. C** Sampled : 07/08/21 07:30  
 Matrix : Water Sampled by : Tino Jimenez  
 Lab ID : 2104279-02 Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
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### ASTM Methods by Density Meter

Specific Gravity @ 60/60°F	0.9994		Unitless	1	B1G0342	07/15/21 14:57	ASTM D4052/5002	
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### General Calculations

ASAR	4.4		Calc.	1	B1G0369	07/15/21 10:40	-	
SAR	5.5		"	"	"	"	"	

### Anions by IC

Bromide	ND	0.40	mg/L	1	B1G0228	07/09/21 14:52	EPA 300.0	
Chloride	48	4.0	"	10	"	07/09/21 18:16	"	
Fluoride	0.45	0.40	"	1	"	07/09/21 14:52	"	
Nitrate as N	ND	0.40	"	"	"	"	"	
Nitrate as NO3	ND	1.8	"	"	"	"	"	
Nitrite as NO2	ND	1.3	"	"	"	"	"	
Orthophosphate as P	ND	0.40	"	"	"	"	"	
Sulfate	23	4.0	"	10	"	07/09/21 18:16	"	

### Dissolved Metals by ICP

Aluminum	ND	0.22	mg/L	1	B1G0369	07/15/21 10:45	EPA 6010B	
Arsenic	ND	0.044	"	"	"	"	"	
Barium	0.16	0.011	"	"	"	"	"	
Boron	0.27	0.11	"	"	"	"	"	
Calcium	9.9	0.11	"	"	"	"	"	
Iron	ND	0.056	"	"	"	"	"	
Lithium	ND	0.028	"	"	"	"	"	
Magnesium	1.5	0.056	"	"	"	"	"	
Manganese	ND	0.011	"	"	"	"	"	
Potassium	1.4	0.56	"	"	"	"	"	
Silica (SiO2)	32	0.24	"	"	"	"	"	
Sodium	71	0.56	"	"	"	"	"	B-02n
Strontium	0.11	0.011	"	"	"	"	"	
Zinc	ND	0.056	"	"	"	"	"	

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



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### Total Dissolved Metals by EPA 6000/7000 Series Methods

Hardness as CaCO3	31	0.51	mg/L	1	[CALC]	07/15/21 10:45	SM 2340B	
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### General Chemistry Parameters by EPA or APHA Standard Methods

pH @ 25 C	8.72	0.10	pH Units	1	B1G0272	07/12/21 07:19	EPA 9040B/SM4500H+ B	HT-pH
pH Sample Temperature During Analysis	21	1.0	°C	"	"	"	EPA 170.1/SM 2550B	
Specific Conductance (EC) @ 25 C	410	2.0	umhos/cm	"	B1G0267	07/11/21 12:19	SM 2510B	
Resistivity @ 25 C	2400	2.0	Ohm-cm	"	"	"	"	
Total Alkalinity, CaCO3	100	20	mg/L	"	B1G0312	07/13/21 07:09	SM 2320B	
Bicarbonate, CaCO3	87	20	"	"	"	"	"	
Carbonate, CaCO3	ND	20	"	"	"	"	"	
Hydroxide, CaCO3	ND	20	"	"	"	"	"	
Turbidity	1.2	0.10	NTU	"	B1G0255	07/09/21 14:29	SM 2130B	
Total Dissolved Solids	250	10	mg/L	"	B1G0265	07/11/21 08:29	SM 2540C	

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