



# 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:  
**2400392**  
01/22/2024 17:02

## Analytical Report for Samples

Sample ID : **CK 5**  
Matrix : Water  
Lab ID : 2400392-01

Sampled : 01/11/24 08:45  
Sampled by : Tino Jimenez  
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	1.0004		Unitless	1	B4A0479	01/16/24 14:36	ASTM D4052/5002	
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### General Calculations

ASAR	6.9		Calc.	1	B4A0366	01/15/24 14:11	-	
SAR	6.2		"	"	"	"	"	

### Anions by IC

Bromide	ND	0.40	mg/L	1	B4A0360	01/11/24 21:51	EPA 300.0	
Chloride	100	8.0	"	20	"	01/15/24 19:59	"	
Fluoride	0.45	0.40	"	1	"	01/11/24 21:51	"	
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	10	0.40	"	"	"	"	"	

### Dissolved Metals by ICP

Aluminum	ND	0.20	mg/L	1	B4A0366	01/15/24 14:11	EPA 6010B	
Arsenic	ND	0.040	"	"	"	"	"	
Barium	ND	0.080	"	"	"	"	"	
Boron	0.77	0.16	"	"	"	"	"	
Calcium	22	0.40	"	"	"	"	"	
Iron	ND	0.40	"	"	"	"	"	
Lithium	0.060	0.025	"	"	"	"	"	
Magnesium	3.4	0.050	"	"	"	"	"	
Manganese	0.063	0.010	"	"	"	"	"	
Potassium	3.9	0.50	"	"	"	"	"	
Silica (SiO2)	68	0.80	"	"	"	"	"	
Sodium	120	1.2	"	"	"	"	"	
Strontium	0.32	0.010	"	"	"	"	"	
Zinc	ND	0.050	"	"	"	"	"	

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.

CA-ELAP 2438, TNI02666  
307 Roemer Way, Santa Maria, CA 93454

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

Hardness as CaCO <sub>3</sub>	70	1.2	mg/L	1	[CALC]	01/15/24 14:11	SM 2340B
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### General Chemistry Parameters by EPA or APHA Standard Methods

pH @ 25 C	7.67	0.10	pH Units	1	B4A0418	01/12/24 16:25	EPA 9040B/SM4500H+ B EPA 170.1/SM 2550B	HT-pH
pH Sample Temperature During Analysis	21	1.0	°C	"	"	"		
Specific Conductance (EC) @ 25 C	680	2.0	umhos/cm	"	B4A0488	01/16/24 12:36	SM 2510B	
Resistivity @ 25 C	1500	2.0	Ohm-cm	"	"	"	"	
Total Alkalinity, CaCO <sub>3</sub>	210	20	mg/L	"	B4A0627	01/18/24 17:25	SM 2320B	
Bicarbonate, CaCO <sub>3</sub>	210	20	"	"	"	"	"	
Carbonate, CaCO <sub>3</sub>	ND	20	"	"	"	"	"	
Hydroxide, CaCO <sub>3</sub>	ND	20	"	"	"	"	"	
Turbidity	10	0.10	NTU	"	B4A0407	01/12/24 14:38	SM 2130B	
Total Dissolved Solids	390	10	mg/L	"	B4A0485	01/16/24 11:14	SM 2540C	

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