



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: 2104279 07/19/2021 21:12
--	--	---

Analytical Report for Samples

Sample ID : **CK 1** Sampled : 07/08/21 08:25
 Matrix : Water Sampled by : Dennis Pickin
 Lab ID : 2104279-05 Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
---------	--------	----	-------	----------	-------	----------	--------	-------

ASTM Methods by Density Meter

Specific Gravity @ 60/60°F	1.0000		Unitless	1	B1G0342	07/15/21 14:57	ASTM D4052/5002	
----------------------------	--------	--	----------	---	---------	----------------	-----------------	--

General Calculations

ASAR	5.5		Calc.	1	B1G0369	07/15/21 10:40	-	
SAR	5.2		"	"	"	"	"	

Anions by IC

Bromide	ND	0.40	mg/L	1	B1G0228	07/09/21 15:39	EPA 300.0	
Chloride	77	4.0	"	10	"	07/09/21 19:04	"	
Fluoride	0.40	0.40	"	1	"	07/09/21 15:39	"	
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	18	0.40	"	"	"	"	"	

Dissolved Metals by ICP

Aluminum	ND	0.22	mg/L	1	B1G0369	07/15/21 10:53	EPA 6010B	
Arsenic	ND	0.044	"	"	"	"	"	
Barium	0.17	0.011	"	"	"	"	"	
Boron	0.54	0.11	"	"	"	"	"	
Calcium	22	0.11	"	"	"	"	"	
Iron	0.18	0.056	"	"	"	"	"	
Lithium	0.028	0.028	"	"	"	"	"	
Magnesium	3.2	0.056	"	"	"	"	"	
Manganese	0.034	0.011	"	"	"	"	"	
Potassium	3.3	0.56	"	"	"	"	"	
Silica (SiO2)	57	0.24	"	"	"	"	"	
Sodium	97	0.56	"	"	"	"	"	B-02n
Strontium	0.26	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.

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

Client Connect: client.oec.com/reports
www.oecusa.com

TEL: (805) 922-4772
FAX: (805) 925-3376



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: 2104279 07/19/2021 21:12
--	--	---

Analytical Report for Samples

Sample ID : CK 1	Sampled : 07/08/21 08:25
Matrix : Water	Sampled by : Dennis Pickin
Lab ID : 2104279-05	Field Data : NA

Analyte	Result	RL	Units	Dilution	Batch	Analyzed	Method	Notes
---------	--------	----	-------	----------	-------	----------	--------	-------

Total Dissolved Metals by EPA 6000/7000 Series Methods

Hardness as CaCO3	67	0.51	mg/L	1	[CALC]	07/15/21 10:53	SM 2340B	
-------------------	----	------	------	---	--------	----------------	----------	--

General Chemistry Parameters by EPA or APHA Standard Methods

pH @ 25 C	7.39	0.10	pH Units	1	B1G0272	07/12/21 07:19	EPA 9040B/SM4500H+ B	HT-pH
pH Sample Temperature During Analysis	20	1.0	°C	"	"	"	EPA 170.1/SM 2550B	
Specific Conductance (EC) @ 25 C	570	2.0	umhos/cm	"	B1G0267	07/11/21 12:19	SM 2510B	
Resistivity @ 25 C	1700	2.0	Ohm-cm	"	"	"	"	
Total Alkalinity, CaCO3	170	20	mg/L	"	B1G0312	07/13/21 07:09	SM 2320B	
Bicarbonate, CaCO3	170	20	"	"	"	"	"	
Carbonate, CaCO3	ND	20	"	"	"	"	"	
Hydroxide, CaCO3	ND	20	"	"	"	"	"	
Turbidity	6.4	0.10	NTU	"	B1G0255	07/09/21 14:29	SM 2130B	
Total Dissolved Solids	380	10	mg/L	"	B1G0265	07/11/21 08:29	SM 2540C	

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, TN102666
307 Roemer Way, Santa Maria, CA 93454

Client Connect: client.oec.com/reports
www.oecusa.com

TEL: (805) 922-4772
FAX: (805) 925-3376