


INORGANIC CHEMICALS ANALYSIS

Date of Report : July 3, 2023

Sample ID : STK2337401-003

Laboratory Name : **FGL Environmental**

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2023-07-03

Sampled On : 06/06/2023-11:10

Received On : 06/06/2023-13:30

Sampled By : QF

Completed On : 07/03/2023-07:52

Employed By : Stockton East Water

Sample Point Information

EDT

PS Code : CA3910006_002_002

Sample Point Name : TREATMENT PLANT - FINAL TREATED-SA5

Water System Name : STOCKTON EAST WATER DISTRICT

GENERAL MINERAL & PHYSICAL

Method Code	Chemicals	Analyte Code	Result	Units	MCL	DLR	ELAP
EPA 200.7	Total Hardness (as CaCO ₃)	1915	32.3	mg/L		1	1573
EPA 200.7	Calcium (Ca)	1919	8	mg/L		1	1573
EPA 200.7	Magnesium (Mg)	1031	3	mg/L		1	1573
EPA 200.7	Sodium (Na)	1052	7	mg/L		1	1573
EPA 200.7	Potassium (K)	1042	1	mg/L		1	1573
	Total Cations		1.0	meq/L			1573
SM 2320 B	Total Alkalinity (as CaCO ₃)	1927	30	mg/L		10	1573
SM 2320 B	Hydroxide (OH)	1021	ND	mg/L		10	1573
SM 2320 B	Carbonate (CO ₃)	1929	ND	mg/L		10	1573
SM 2320 B	Bicarbonate (HCO ₃)	1928	40	mg/L		10	1573
EPA 300.0	Sulfate (SO ₄)	1055	9.2	mg/L	* ²	0.5	1573
EPA 300.0	Chloride (Cl)	1017	5	mg/L	* ²	1	1573
	Nitrate (NO ₃)		ND	mg/L	45	2	1573
EPA 300.0	Fluoride (F)	1025	ND	mg/L	2	0.1	1573
	Total Anions		1.0	meq/L			1573
SM 4500-H+B	pH	C253	8.1	Std Units			1573
SM 2510 B	Specific Conductance (E.C.)	1064	101	umhos/cm ²	** ²	1	1573
SM 2540 C	Total Filterable Residue	1930	70	mg/L	*** ²	40	1573
SM 2120 B	Apparent Color (Unfiltered)	1905	ND	Units	15 ²	5	1563
SM 2150 B	Odor Threshold at 60 C	1920	ND	TON	3 ²	1	1563
SM 2130 B-01	Lab Turbidity	0100	0.12	NTU	5 ²	0.1	1563
SM 5540 C-00	MBAS	2905	ND	mg/L	0.5 ²	0.05	1573
SM 4500-H+B	pH, Field	C253	8.1	Std Units			1563

MCL - Maximum Contaminant Level,

DLR - Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

²Indicates Secondary Drinking Water Standards (Recommended-Upper-Short-Term)