

INORGANIC CHEMICALS ANALYSIS

Date of Report : July 06, 2021 Sample ID : STK2137668-002
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
FGL Title: Laboratory Director
Date: 2021-07-06
 Sampled On : 06/01/2021-09:00
 Received On : 06/01/2021-11:15 Sampler : SM
 Completed On : 07/06/2021-13:18 Employed By : Stockton East Water

System Name : STOCKTON EAST WATER DISTRICT Number : 3910006-006 **EDT**

Name Or Number of Sample Source : **STANISLAUS RIVER, END OF PIPELINE - RAW**

User ID	: PTA	Station Number	: 3910006-006
Date/Time of Sample	: 2106010900	Laboratory Code	: 5 8 6 7
	YYMMDDTTTT	Lab Location	: Santa Paula, CA
Submitted By	: FGL Environmental	Phone #	: (805) 392-2000

GENERAL MINERAL & PHYSICAL

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
200.7		mg/L	Total Hardness (as CaCO ₃)	00900	23.2	1
200.7		mg/L	Calcium (Ca)	00916	6	1
200.7		mg/L	Magnesium (Mg)	00927	2	1
200.7		mg/L	Sodium (Na)	00929	2	1
200.7		mg/L	Potassium (K)	00937	ND	1
200.7		meq/L	Total Cations		0.6	
2320B		mg/L	Total Alkalinity (as CaCO ₃)	00410	30	10
2320B		mg/L	Hydroxide (OH)	71830	ND	10
2320B		mg/L	Carbonate (CO ₃)	00445	ND	10
2320B		mg/L	Bicarbonate (HCO ₃)	00440	30	10
300.0	* ²	mg/L	Sulfate (SO ₄)	00945	1.8	0.5
300.0	* ²	mg/L	Chloride (Cl)	00940	ND	1
300.0	45	mg/L	Nitrate (NO ₃)	71850	ND	2
300.0	2	mg/L	Fluoride (F)	00951	ND	0.1
2320B		meq/L	Total Anions		0.5	
		Std Units	pH	00403	8.3	
2510B	** ²	umhos/cm ²	Specific Conductance (E.C.)	00095	61	1
2540C	*** ²	mg/L	Total Filterable Residue	70300	60	40
5540C	0.5 ²	mg/L	MBAS	38260	ND	0.05
4500HB		Std Units	pH, Field	00400	8.3	

MCL - Maximum Contaminant Level, DLR -Detection Limit for Reporting Purpose, ND - Not Detected at or above DLR
² Indicates Secondary Drinking Water Standards(Recommended-Upper-Short Term) * 250-500-600 ** 900-1600-2200 *** 500-1000-1500

REGULATED INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
200.8	1000	ug/L	Aluminum	01105	ND	50
200.8	6	ug/L	Antimony	01097	ND	6
200.8	10	ug/L	Arsenic	01002	ND	2
200.8	1000	ug/L	Barium	01007	ND	100
200.8	4	ug/L	Beryllium	01012	ND	1
200.8	5	ug/L	Cadmium	01027	ND	1
200.8	50	ug/L	Chromium (Total Cr)	01034	ND	10
200.7	1000 ²	ug/L	Copper	01042	ND	50
200.7	300 ²	ug/L	Iron	01045	140	100
200.8	15	ug/L	Lead	01051	ND	5
200.7	50 ²	ug/L	Manganese	01055	ND	20
245.1	2	ug/L	Mercury	71900	ND	1
200.8	100	ug/L	Nickel	01067	ND	10
200.8	50	ug/L	Selenium	01147	ND	5
200.8	100 ²	ug/L	Silver	01077	ND	10
200.8	2	ug/L	Thallium	01059	ND	1
200.7		ug/L	Zinc	01092	ND	50

ADDITIONAL INORGANIC

TEST	MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
200.7	---	ug/L	Boron	01020	ND	100
			Langelier Index at 20 °C	71814	-0.8	
300.0	10	mg/L	Nitrate as N (Nitrogen)	00618	ND	0.4
300.0	10	mg/L	Nitrate + Nitrite as N	A-029	ND	0.2
300.0	1	mg/L	Nitrite as N (Nitrogen)	00620	ND	0.4
200.8	---	ug/L	Vanadium	01087	ND	3
			Aggressiveness Index	82383	11.0	

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

ND - Not Detected at or above DLR

