

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
 CALEXICO, CALIFORNIA
 OCTOBER 2019 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/L) ²	(µS/cm) ³
10/15/19	10:50	22.2	7.7	2.5	5,620

FIELD OBSERVATIONS

10/15/19 10:50- Water color is olive green. Sky clear blue. Wind South East 4 miles per hour. No foam. No odor.

NOTES- Multiple pieces of large sediments. Water is greenish in color. Turbid with a lot of suspended materials.

BACTERIAL ANALYSIS

ATS ENVIRONMENTAL, INC. IN BRAWLEY, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
10/15/19	11:13	>1,600 ⁵

¹ Water temperature is reported in units of degrees Celsius (°C).

² Dissolved oxygen (D.O.) is reported in units of milligrams per liter.

³ Specific conductivity is reported in units of microSiemens per centimeter.

⁴ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

⁵ A simple average of two sample results.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁶
10/15/19	Ammonia as N	SM 4500 NH3 D	0.0082	8.27 ⁷
10/15/19	Total Kjeldahl N	EPA 351.2	0.1	9.79 ⁷
10/15/19	Total Phosphorus	EPA 365.1 M	0.0032	1.41 ⁷
10/15/19	Total Suspended Solids	SM 2540 D	1.0	19
10/15/19	BOD ⁸	SM 5210 B	2.0	10.5 ⁷
10/15/19	Arsenic	EPA 200.7	0.002	0.15 ⁷
10/15/19	Selenium	EPA 200.7	0.0002	ND ^{7,9}

⁶ The concentrations are reported in units of milligrams per liter.

⁷ A simple average of two sample results.

⁸ Biochemical Oxygen Demand.

⁹ Sample result is below the method detection limit.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER