

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA NOVEMBER 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
11/19/19	10:16	18.9	7.7	5.17	5,186

FIELD OBSERVATIONS

11/19/19 10:17- Water color is green-brown. Sky cloudy. Wind 5-10 miles per hour. Foam. No odor.

NOTES- Minor foam was noted in water. Small bugs were also noted flying around the river and parking lot.

BACTERIAL ANALYSIS

ATS ENVIRONMENTAL, INC. IN BRAWLEY, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
11/19/19	09:58	40,000 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.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁶
11/19/19	Ammonia as N	SM 4500 NH3 D	0.0082	11.7 ⁷
11/19/19	Total Kjeldahl N	EPA 351.2	0.1	14.4 ⁷
11/19/19	Total Phosphorus	EPA 365.1 M	0.032	2.17 ⁷
11/19/19	Total Suspended Solids	SM 2540 D	1.0	36
11/19/19	BOD ⁸	SM 5210 B	2.0	17 ⁷
11/19/19	Arsenic	EPA 200.7	0.002	ND ^{7,9}
11/19/19	Selenium	EPA 200.7	0.0002	0.002 ⁷

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