

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
DECEMBER 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
12/17/19	10:11	13.4	7.5	6.79	4,721

FIELD OBSERVATIONS

12/17/19 10:05- Water color is greenish-brown. Sky clear blue. Slight breeze. Slight foam. Slight odor.

BACTERIAL ANALYSIS

ATS ENVIRONMENTAL, INC. IN BRAWLEY, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
12/17/19	10:22	≥1,600 ^{5,6}

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 Sample results greater or equal to the analytical method's Upper Reporting Limit.

⁶ 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) ⁷
12/17/19	Ammonia as N	SM 4500 NH3 D	0.0082	12.3 ⁸
12/17/19	Total Kjeldahl N	EPA 351.2	0.1	12.2 ⁸
12/17/19	Total Phosphorus	EPA 365.1 M	0.0032	2.15 ⁸
12/17/19	Total Suspended Solids	SM 2540 D	1.0	22
12/17/19	BOD ⁹	SM 5210 B	2.0	17 ⁸
12/17/19	Arsenic	EPA 200.8	0.0001	0.0013 ⁸
12/17/19	Selenium	EPA 200.8	0.0001	0.01 ⁸

⁷ The concentrations are reported in units of milligrams per liter.

⁸ A simple average of two sample results.

⁹ Biochemical Oxygen Demand.

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