

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
APRIL 2020 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
04/21/20	09:20	21.5	7.4	4.7	4,710

FIELD OBSERVATIONS

04/21/20 09:15- Water color is olive-green. Sky blue. Windy. No foam. No odor.

NOTES: Water level is low. No trash

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
04/21/20	09:36	23,633 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
04/21/20	Ammonia as N	SM 4500 NH3 D	0.164	7.6 ⁷
04/21/20	Total Kjeldahl N	EPA 351.2	0.5	14 ⁷
04/21/20	Total Phosphorus	EPA 365.1 M	0.016	2.13 ⁷
04/21/20	Total Suspended Solids	SM 2540 D	1.0	22
04/21/20	BOD ⁸	SM 5210 B	2.0	15.4 ⁷
04/21/20	Arsenic	EPA 200.8	0.0001	0.006 ⁷
04/21/20	Selenium	EPA 200.8	0.0001	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 results reported as less than the Method Detection Limit.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER