

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
NOVEMBER 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
11/17/20	09:40	17.4	7.6	9.8	8,894

FIELD OBSERVATIONS

11/17/20 09:40- Ambient air temperature 20.78 °C. Water color is green. Sky blue, clouds. No wind. Foam present, small amounts. Gas odor noted.

NOTES: Gate locked at Bridge. Sampled off USGS Bridge.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
11/17/20	10:02	27,000
11/17/20	10:03	18,000

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 milliliters. The dilution factor used was 1/50.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁵
11/17/20	Ammonia as N	SM 4500 NH3 D	0.0082	17.7
11/17/20	Ammonia as N	SM 4500 NH3 D	0.0082	16.7
11/17/20	Total Kjeldahl N	EPA 351.2	0.1	13.8
11/17/20	Total Kjeldahl N	EPA 351.2	0.1	17.9
11/17/20	Total Phosphorus	EPA 365.3	0.0032	0.831
11/17/20	Total Phosphorus	EPA 365.3	0.0032	0.731
11/17/20	Total Suspended Solids	SM 2540 D	1.0	27
11/17/20	BOD ⁶	SM 5210 B	2.0	5.4
11/17/20	BOD	SM 5210 B	2.0	8.85
11/17/20	Arsenic	EPA 200.8	0.0001	0.0045
11/17/20	Arsenic	EPA 200.8	0.0001	0.0048
11/17/20	Selenium	EPA 200.8	0.0001	ND ⁷
11/17/20	Selenium	EPA 200.8	0.0001	ND

⁵ The concentrations are reported in units of milligrams per liter.

⁶ Biochemical Oxygen Demand.

⁷ Analyte not detected, Concentration below quantitation limit.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER