

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
AUGUST 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
08/31/20	10:16	31.1	7.8	4.5	5,446

FIELD OBSERVATIONS

08/31/20 10:00- Ambient air temperature 93 °F. Water color is greenish/brown. Sky clear. Wind South 4 mph. Foam present, small amounts. Faint odor.

NOTES: 1 goose observed resting at the river bank, ducks are swimming in the river. Little foam balls.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
08/31/20	10:43	540
08/31/20	10:44	540

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.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁵
08/31/20	Ammonia as N	SM 4500 NH3 D	0.1	7.6
08/31/20	Ammonia as N	SM 4500 NH3 D	0.1	7.3
08/31/20	Total Kjeldahl N	EPA 351.2	0.5	12
08/31/20	Total Kjeldahl N	EPA 351.2	0.5	12
08/31/20	Total Phosphorus	EPA 365.3	0.016	10.6
08/31/20	Total Phosphorus	EPA 365.3	0.016	11.6
08/31/20	Total Suspended Solids	SM 2540 D	1.0	45
08/31/20	BOD ⁶	SM 5210 B	2.0	5.18
08/31/20	BOD	SM 5210 B	2.0	5.28
08/31/20	Arsenic	EPA 200.8	0.0001	ND ⁷
08/31/20	Arsenic	EPA 200.8	0.0001	ND
08/31/20	Selenium	EPA 200.8	0.0001	0.0087
08/31/20	Selenium	EPA 200.8	0.0001	0.0065

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