

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
AUGUST 2022 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
08/16/22	09:50	32.4	7.7	1.6	Not Reported

FIELD OBSERVATIONS

08/16/22 09:47- Air temperature is approximately 36.6 °C. Water color is green. Clear sky. Wind from the south southwest. Little foam. Light odor.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
08/16/22	10:18	>16,000 ⁵ (1:10 dilution)
08/16/22	10:18	>16,000 (1:10 dilution)
08/16/22	10:15	>160,000 (1:100 dilution)
08/16/22	10:16	>160,000 (1:100 dilution)

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.

⁵ Fecal coliform is greater than the upper reporting limit.

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) ⁶	(mg/L)
08/16/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	12
08/16/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	12
08/16/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	12
08/16/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	11
08/16/22	Total Phosphorus	SM 4500-P BE	0.25	2.2
08/16/22	Total Phosphorus	SM 4500-P BE	0.25	2.2
08/16/22	Total Suspended Solids	SM 2540 D	2	20
08/16/22	BOD ⁷	SM 5210 B	5	9.4 (N-BOD1 ⁸)
08/16/22	BOD	SM 5210 B	5	9.8 (N-BOD1)
08/16/22	Arsenic	EPA 200.8	0.001	0.0095
08/16/22	Arsenic	EPA 200.8	0.001	0.01
08/16/22	Selenium	EPA 200.8	0.0005	0.0085

⁶ The concentrations are reported in units of milligrams per liter.

⁷ Biochemical Oxygen Demand.

⁸ Dilution water blank exceeds 0.20 milligrams per liter. As per method, data is reportable as qualified.