

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
NOVEMBER 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
11/22/22	9:27	14.36	7.6	7.0	5188

FIELD OBSERVATIONS

11/22/22 9:30- Air temperature is approximately 63 °F. Water color is green. Sunny sky with clouds. Slight breeze. Little foam. Sewer-like odor.

NOTES

9:30 Ducks swimming on the river. Homeless encampment under 2nd Street bridge.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
11/22/22	10:00	9,200 (1:10 dilution)
11/22/22	10:00	>16,000 ⁵ (1:10 dilution)
11/22/22	10:00	24,000 (1:100 dilution)
11/22/22	10:00	54,000 (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)
11/22/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	13
11/22/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	13
11/22/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	17
11/22/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	17
11/22/22	Total Phosphorus	SM 4500-P BE	0.25	2.2
11/22/22	Total Phosphorus	SM 4500-P BE	0.25	2.2
11/22/22	Total Suspended Solids	SM 2540 D	5	27
11/22/22	BOD ⁷	SM 5210 B	2.5	12
11/22/22	BOD	SM 5210 B	2.5	12
11/22/22	Arsenic	EPA 200.8	0.001	0.009
11/22/22	Arsenic	EPA 200.8	0.001	0.009
11/22/22	Selenium	EPA 200.8	0.0005	0.015
11/22/22	Selenium	EPA 200.8	0.0005	0.015

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

⁷ Biochemical Oxygen Demand.