

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA DECEMBER 2025 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹	S.U. ²	(mg/L) ³	(µS/cm) ⁴
12/17/25	9:42	16.38	8.96 ⁵	5.50	4,134

FIELD OBSERVATIONS

12/17/25 9:43 –Ambient air temperature is 72°F. Cloudy sky. Minor wind. Water color is green. A lot of foam. No odor.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁶
12/17/25	9:50	16,000 (1:10 dilution)
12/17/25	9:50	16,000 (1:10 dilution)
12/17/25	9:50	17,000 (1:100 dilution)
12/17/25	9:50	24,000 (1:100 dilution)

¹ Water temperature is reported in units of degrees Celsius (°C).

² pH is reported in standard units.

³ Dissolved oxygen (D.O.) is reported in units of milligrams per liter.

⁴ Specific conductivity is reported in units of microSiemens per centimeter.

⁵ Historical data for pH ranges from 7.4 to 8.1 standard units.

⁶ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) ⁷	(mg/L)
12/17/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	15
12/17/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	15
12/17/25	Total Kjeldahl Nitrogen	EPA 351.2	2.5	17
12/17/25	Total Kjeldahl Nitrogen	EPA 351.2	2.5	17
12/17/25	Total Phosphorous	SM 4500-P E	0.50	2.1
12/17/25	Total Phosphorous	SM 4500-P E	0.50	2.3
12/17/25	Total Suspended Solids	SM 2540 D	2.50	15.5
12/17/25	BOD ⁸	SM 5210 B	10	12
12/17/25	BOD	SM 5210 B	10	20
12/17/25	Arsenic	EPA 200.8	0.005	0.0050
12/17/25	Arsenic	EPA 200.8	0.005	0.0052
12/17/25	Selenium	EPA 200.8	0.005	0.0013
12/17/25	Selenium	EPA 200.8	0.005	0.0017

⁷ The concentrations are reported in units of milligrams per liter.⁸ Biochemical Oxygen Demand.