

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA MARCH 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
03/12/25	NR ⁵	NR	NR	NR	NR

FIELD OBSERVATIONS

03/12/25 11:05 – Ambient air temperature is 73 °F. Clear sky. No wind. Water color is brown. Major 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
03/12/25	11:11	>16,000 (1:10 dilution) ⁷
03/12/25	11:11	>16,000 (1:10 dilution)
03/12/25	11:14	54,000 (1:100 dilution)
03/12/25	11:14	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 Field measurements are not reported (NR). Field equipment is out of service.

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

⁷ Fecal coliform is greater than upper reporting limit.

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) ⁸	(mg/L)
03/12/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	19
03/12/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	19
03/12/25	Total Kjeldahl Nitrogen	EPA 351.2	2.0	23
03/12/25	Total Kjeldahl Nitrogen	EPA 351.2	2.0	23
03/12/25	Total Phosphorous	SM 4500-P BE	0.50	3.3
03/12/25	Total Phosphorous	SM 4500-P BE	0.50	3.4
03/12/25	Total Suspended Solids	SM 2540 D	2	39
03/12/25	BOD ⁹	SM 5210 B	10	45
03/12/25	BOD	SM 5210 B	10	40
03/12/25	Arsenic	EPA 200.8	0.01	0.0064
03/12/25	Arsenic	EPA 200.8	0.01	0.0052
03/12/25	Selenium	EPA 200.8	0.01	ND ¹⁰
03/12/25	Selenium	EPA 200.8	0.01	0.0072

⁸ The concentrations are reported in units of milligrams per liter.⁹ Biochemical Oxygen Demand.¹⁰ Analyte is not detected at or above the Reporting Limit.