

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA APRIL 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
04/17/25	NR ⁵	NR	NR	NR	NR

FIELD OBSERVATIONS

04/17/25 10:10 – Blue sky. Slight wind. Water color is brown. Slight foam. No odor.

NOTES

Regional Water Board staff noted major winds by 10:44.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁶
04/17/25	10:16	9,200 (1:10 dilution)
04/17/25	10:16	9,200 (1:10 dilution)
04/17/25	10:15	17,000 (1:100 dilution)
04/17/25	10:15	35,000 (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.

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) ⁷	(mg/L)
04/17/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	13
04/17/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	13
04/17/25	Total Kjeldahl Nitrogen	EPA 351.2	2.0	16
04/17/25	Total Kjeldahl Nitrogen	EPA 351.2	2.0	16
04/17/25	Total Phosphorous	SM 4500-P BE	0.50	2.3
04/17/25	Total Phosphorous	SM 4500-P BE	0.50	2.3
04/17/25	Total Suspended Solids	SM 2540 D	2	25
04/17/25	BOD ⁸	SM 5210 B	10	19
04/17/25	BOD	SM 5210 B	10	15
04/17/25	Arsenic	EPA 200.8	0.01	0.0085
04/17/25	Arsenic	EPA 200.8	0.01	0.0083
04/17/25	Selenium	EPA 200.8	0.01	0.0040
04/17/25	Selenium	EPA 200.8	0.01	ND ⁹

⁷ The concentrations are reported in units of milligrams per liter.⁸ Biochemical Oxygen Demand.⁹ Analyte is not detected at or above the Reporting Limit.