

Colorado River Basin Regional Water Quality Control Board

**NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
APRIL 2023 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
04/18/23	NR ⁴	NR	NR	NR	NR

FIELD OBSERVATIONS

04/18/23 Not Reported.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁵
04/18/23	9:32	16,000 (1:10 dilution)
04/18/23	9:33	>16,000 ⁶ (1:10 dilution)
04/18/23	9:33	3,500 (1:10 dilution)
04/18/23	9:31	5,400 (1:10 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 Field measurements and observations are not reported (NR). Field notebook lost.

⁵ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

⁶ 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) ⁷	(mg/L)
04/18/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	11
04/18/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	12
04/18/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	13
04/18/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	12
04/18/23	Total Phosphorus	SM 4500-P BE	0.25	2.1
04/18/23	Total Phosphorus	SM 4500-P BE	0.25	2.2
04/18/23	Total Suspended Solids	SM 2540 D	1.0	16
04/18/23	BOD ⁸	SM 5210 B	5.0	8.3
04/18/23	BOD	SM 5210 B	5.0	15
04/18/23	Arsenic	EPA 200.8	0.005	0.0076
04/18/23	Arsenic	EPA 200.8	0.005	0.0068
04/18/23	Selenium	EPA 200.8	0.0025	0.0078
04/18/23	Selenium	EPA 200.8	0.0025	0.0077

⁷ The concentrations are reported in units of milligrams per liter.

⁸ Biochemical Oxygen Demand.