

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
FEBRUARY 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
02/21/23	11:49	15.5	7.7	6.1	4655

FIELD OBSERVATIONS

02/21/23 11:48 - Air temperature is approximately 77 °F. Water is a brown color. Clear sky. Wind is 11.2 miles per hour. No foam. Mild odor.

NOTES

11:40 Plastic bags and solid debris are floating on the water. Wildlife is also observed.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
02/21/23	12:42	NR ⁵
02/21/23	12:42	NR
02/21/23	12:42	NR
02/21/23	12:42	NR

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 not reported (NR). Samples were not submitted for analysis.

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) ⁶	(mg/L)
02/21/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	13
02/21/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	14
02/21/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	18
02/21/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	19
02/21/23	Total Phosphorus	SM 4500-P BE	0.25	2.6
02/21/23	Total Phosphorus	SM 4500-P BE	0.25	2.6
02/21/23	Total Suspended Solids	SM 2540 D	2	35
02/21/23	BOD ⁷	SM 5210 B	5.0	20
02/21/23	BOD	SM 5210 B	5.0	29
02/21/23	Arsenic	EPA 200.8	0.002	0.0056
02/21/23	Arsenic	EPA 200.8	0.002	0.0057
02/21/23	Selenium	EPA 200.8	0.001	0.0094
02/21/23	Selenium	EPA 200.8	0.001	0.0098

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

⁷ Biochemical Oxygen Demand.