

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA FEBRUARY 2022 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/L) ²	(μ S/cm) ³
02/15/22	09:26	16.8	7.6	6.4	5017

FIELD OBSERVATIONS

02/15/22 09:25- Ambient air temp 64°F. Water color is murky green. Sky clear. Breezy. No foam. No odor.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
02/15/22	09:31	>16,000 ⁵ (1:10 dilution)
02/15/22	09:31	>16,000 (1:10 dilution)
02/15/22	09:31	54,000 (1:100 dilution)
02/15/22	09:31	92,000 (1:100 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 Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

⁵ Fecal coliform is greater than the upper reporting limit.

CHEMICAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁶
02/15/22	Ammonia as Nitrogen	SM 4500 NH3 HG	1.0	12
02/15/22	Ammonia as Nitrogen	SM 4500 NH3 HG	1.0	12
02/15/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	16
02/15/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	16
02/15/22	Total Phosphorus	SM 4500-P BE	0.25	2.5
02/15/22	Total Phosphorus	SM 4500-P BE	0.25	2.5
02/15/22	Total Suspended Solids	SM 2540 D	5	26
02/15/22	BOD ⁷	SM 5210 B	20	ND ⁸
02/15/22	BOD	SM 5210 B	20	ND
02/15/22	Arsenic	EPA 200.8	0.001	0.0051
02/15/22	Arsenic	EPA 200.8	0.001	0.0052
02/15/22	Selenium	EPA 200.8	0.0005	0.0074
02/15/22	Selenium	EPA 200.8	0.0005	0.0078

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

⁷ Biochemical Oxygen Demand.

⁸ Analyte not detected. Concentration below quantitation limit.