

Colorado River Basin Regional Water Quality Control Board

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

**FIELD MEASUREMENTS**

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) <sup>1</sup>		(mg/L) <sup>2</sup>	(µS/cm) <sup>3</sup>
01/26/22	09:38	14.6	7.5	NR <sup>4</sup>	NR

**FIELD OBSERVATIONS**

01/26/22 09:38- Ambient air temp 58°F. Water color is olive. Sky blue, mostly sunny, clear some clouds. Slight wind, southeast. No foam. Moderate odor.

NOTES- 1) Collected samples using churn splitter. 2) Trash in river.

**BACTERIAL ANALYSIS**

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>5</sup>
01/26/22	09:38	>16,000 <sup>6</sup> (1:10 dilution)
01/26/22	09:38	>16,000 (1:10 dilution)
01/26/22	09:38	>160,000 (1:100 dilution)
01/26/22	09:38	>160,000 (1:100 dilution)

<sup>1</sup> Water temperature is reported in units of degrees Celsius (°C).

<sup>2</sup> Dissolved oxygen (D.O.) is reported in units of milligrams per liter.

<sup>3</sup> Specific conductivity is reported in units of microSiemens per centimeter.

<sup>4</sup> Field measurements and observations are not reported (NR). Improper format.

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

<sup>6</sup> 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) <sup>7</sup>
01/26/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	18
01/26/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	18
01/26/22	Total Kjeldahl Nitrogen	EPA 351.2	2.0	22
01/26/22	Total Kjeldahl Nitrogen	EPA 351.2	2.0	23
01/26/22	Total Phosphorus	SM 4500-P BE	0.25	2.9
01/26/22	Total Phosphorus	SM 4500-P BE	0.25	3.0
01/26/22	Total Suspended Solids	SM 2540 D	5	NA <sup>8</sup>
01/26/22	BOD <sup>9</sup>	SM 5210 B	10	26
01/26/22	BOD	SM 5210 B	10	22
01/26/22	Arsenic	EPA 200.8	0.001	0.0055
01/26/22	Arsenic	EPA 200.8	0.001	0.0058
01/26/22	Selenium	EPA 200.8	0.0005	0.0066
01/26/22	Selenium	EPA 200.8	0.0005	0.0072

<sup>7</sup> The concentrations are reported in units of milligrams per liter.

<sup>8</sup> Analyte not analyzed.

<sup>9</sup> Biochemical Oxygen Demand.