

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -  
CALEXICO, CALIFORNIA  
JUNE 2023 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>
06/21/23	NR <sup>4</sup>	NR	NR	NR	NR

**FIELD OBSERVATIONS**

06/21/23 10:00 – Water color is moss green. Clear sky. Light breeze. No foam. No odor.

**NOTES**

10:00 Dragonflies and birds are observed.

**BACTERIAL ANALYSIS RESULTS**

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>5</sup>
06/21/23	10:12	>16,000 <sup>6</sup> (1:10 dilution)
06/21/23	10:13	>16,000 (1:10 dilution)
06/21/23	10:14	>160,000 (1:100 dilution)
06/21/23	10:14	>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 are not reported (NR). Field equipment is out of service.

<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.

EDWARD MUZIK, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER

**CHEMICAL ANALYSIS RESULTS**

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) <sup>7</sup>	(mg/L)
06/21/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	9.7
06/21/23	Ammonia as Nitrogen	SM 4500 NH3 HG	0.2	9.9
06/21/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	13
06/21/23	Total Kjeldahl Nitrogen	EPA 351.2	2.0	12
06/21/23	Total Phosphorus	SM 4500-P BE	0.25	2.1
06/21/23	Total Phosphorus	SM 4500-P BE	0.25	2.2
06/21/23	Total Suspended Solids	SM 2540 D	2.0	39
06/21/23	BOD <sup>8</sup>	SM 5210 B	5.0	14
06/21/23	BOD	SM 5210 B	5.0	18
06/21/23	Arsenic	EPA 200.8	0.001	0.0069
06/21/23	Arsenic	EPA 200.8	0.001	0.0071
06/21/23	Selenium	EPA 200.8	0.0005	0.0059
06/21/23	Selenium	EPA 200.8	0.0005	0.0063

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

<sup>8</sup> Biochemical Oxygen Demand.