

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -  
CALEXICO, CALIFORNIA  
OCTOBER 2021 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>
10/12/21	09:33	20.3	7.7	3.6	5,058

**FIELD OBSERVATIONS**

10/12/21 09:28- Ambient air temp 65°F. Water color is olive-green. Sky blue clear. Wind 12 miles per hour from the west. No foam. Slight odor.

NOTES- Water level is 1 1/2 feet below normal (according to sampling staff). Individual under bridge dumping trash bags. Can see floating under bridge. Sampling: BOD (Biochemical Oxygen Demand) samples were only ones taken by using metal bucket to allow volume for duplicate.

**BACTERIAL ANALYSIS**

BABCOCK LABORATORIES, INC. IN EL CENTRO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>4</sup>
10/12/21	09:54	>16,000 <sup>5</sup> (1:10 dilution)
10/12/21	09:54	>16,000 (1:10 dilution)
10/12/21	09:56	160,000 (1:100 dilution)
10/12/21	09:56	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> Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

<sup>5</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>6</sup>
10/12/21	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	11
10/12/21	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	11
10/12/21	Total Kjeldahl Nitrogen	EPA 351.2	1	16
10/12/21	Total Kjeldahl Nitrogen	EPA 351.2	1	16
10/12/21	Total Phosphorus	SM 4500-P BE	0.1	2.4
10/12/21	Total Phosphorus	SM 4500-P BE	0.1	2.5
10/12/21	Total Suspended Solids	SM 2540 D	2	22
10/12/21	BOD <sup>7</sup>	SM 5210 B	2.5	16
10/12/21	BOD	SM 5210 B	2.5	13
10/12/21	Arsenic	EPA 200.8	0.001	0.009
10/12/21	Arsenic	EPA 200.8	0.002	0.009
10/12/21	Selenium	EPA 200.8	0.0005	0.008
10/12/21	Selenium	EPA 200.8	0.001	0.008

<sup>6</sup> The concentrations are reported in units of milligrams per liter.

<sup>7</sup> Biochemical Oxygen Demand.