

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
JUNE 2021 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
06/15/21	10:01	29.3	7.6	2.8	5,769

FIELD OBSERVATIONS

06/15/21 10:01- Ambient air temp 100°F. Water color is green. The sky is blue with some clouds. Slight breeze in the southeast direction. No foam. No odor.

NOTES- Collected samples using churn splitter. Water is: 1 Green, 2 No foam, 3 Submerged trash

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
06/15/21	09:46	>16,000 ⁵ (1:10 dilution)
06/15/21	09:46	>16,000 (1:10 dilution)
06/15/21	09:46	17,000 (1:100 dilution)
06/15/21	09:46	13,000 (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
06/15/21	Ammonia as Nitrogen	SM 4500 NH3 HG	1	4.9
06/15/21	Ammonia as Nitrogen	SM 4500 NH3 HG	1	5.5
06/15/21	Total Kjeldahl Nitrogen	EPA 351.2	1	13
06/15/21	Total Kjeldahl Nitrogen	EPA 351.2	1	12
06/15/21	Total Phosphorus	SM 4500-P BE	0.1	2.5
06/15/21	Total Phosphorus	SM 4500-P BE	0.1	2.4
06/15/21	Total Suspended Solids	SM 2540 D	5	17
06/15/21	BOD ⁷	SM 5210 B	5	12
06/15/21	BOD	SM 5210 B	5	12
06/15/21	Arsenic	EPA 200.8	0.001	0.009
06/15/21	Arsenic	EPA 200.8	0.005	0.009
06/15/21	Selenium	EPA 200.8	0.0005	0.009
06/15/21	Selenium	EPA 200.8	0.0005	0.009

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

⁷ Biochemical Oxygen Demand.