Colorado River Basin Regional Water Quality Control Board

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

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C)[1]		(mg/L)[2]	(*u*S/cm)[3]
06/08/22	09:50	29.1	7.6	4.2	5956

FIELD OBSERVATIONS

06/08/22 09:37- Air temperature is approximately 88 °C. Water color is green. Clear sky. No wind. Little foam. No odor.

NOTES

Trash under the bridge.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML)[4]
06/08/22	10:09	≥16,000[5] (1:10 dilution)
06/08/22	10:09	16,000 (1:10 dilution)
06/08/22	10:09	92,000 (1:100 dilution)
06/08/22	10:09	17,000 (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 or equal to the upper reporting limit (16,000 MPN).

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L)[6]	(mg/L)
06/08/22	Ammonia as Nitrogen	SM 4500 NH3 HG	0.1	8.8
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06/08/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	13
06/08/22	Total Kjeldahl Nitrogen	EPA 351.2	1.0	13
06/08/22	Total Phosphorus	SM 4500-P BE	0.25	2.2
06/08/22	Total Phosphorus	SM 4500-P BE	0.25	2.5
06/08/22	Total Suspended Solids	SM 2540 D	5	47
06/08/22	BOD[7]	SM 5210 B	10	14
06/08/22	BOD	SM 5210 B	10	13
06/08/22	Arsenic	EPA 200.8	0.001	0.0079
06/08/22	Arsenic	EPA 200.8	0.001	0.0085
06/08/22	Selenium	EPA 200.8	0.0005	0.012
06/08/22	Selenium	EPA 200.8	0.0005	0.013

[6] The concentrations are reported in units of milligrams per liter.
[7] Biochemical Oxygen Demand.