

Colorado River Basin Regional Water Quality Control Board

**NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
SEPTEMBER 2019 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
09/24/19	10:29	26.6	7.7	2.8	6,184

FIELD OBSERVATIONS

09/24/19 09:40- Water color is olive green. Sky clear blue. Wind North West 6 to 8 miles per hour. Little foam bubbles. No odor.

NOTES- Normal River level, we observed some aquatic life (fat head minnow) one big fish in the river (maybe) carp. No trash, saw 1 plastic bottle. 1 turtle popping up on the side of River.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁴
09/24/19	Ammonia as N	SM 4500 NH3 D	0.0082	9.06 ⁵
09/24/19	Total Kjeldahl N	EPA 351.2	0.01	2.19 ⁵
09/24/19	Total Phosphorus	EPA 365.1 M	0.0032	1.21 ⁵
09/24/19	Total Suspended Solids	SM 2540 D	1.0	13.3
09/24/19	BOD ⁶	SM 5210 B	2.0	14.1 ⁵

¹ Water temperature is reported in units of degrees Celsius (°C).

² Dissolved oxygen (DO) is reported in units of milligrams per liter.

³ Specific Conductivity is reported in units of microSiemens per centimeter.

⁴ The concentrations are reported in units of milligrams per liter.

⁵ A simple average of two sample results.

⁶ Biochemical Oxygen Demand.

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DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁴
09/24/19	Arsenic	EPA 200.7	0.002	ND ^{5,7}
09/24/19	Selenium	EPA 200.7	0.0003	ND ^{5,7}

⁷ Sample result is below the method detection limit.