

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -  
CALEXICO, CALIFORNIA  
MAY 2020 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>	( $\mu$ S/cm) <sup>3</sup>
05/19/20	10:25	24	7.6	4.3	5,323

**FIELD OBSERVATIONS**

05/19/20 10:12- Water color is brown. Sky clear. Windy strong, 22 mph East. Some foam. No odor.

NOTES: Floating trash observed. Very strong wind, to the point where dust particles are visibly clouding the visibility

**BACTERIAL ANALYSIS**

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>4</sup>
05/19/20	11:17	32,667 <sup>5</sup>

<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 ml.

<sup>5</sup> A simple average of three sample results.

## CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) <sup>6</sup>
05/19/20	Ammonia as N	SM 4500 NH3 D	0.164	10.7 <sup>7</sup>
05/19/20	Total Kjeldahl N	EPA 351.2	0.5	13.5 <sup>7</sup>
05/19/20	Total Phosphorus	EPA 365.1 M	0.032	1.91 <sup>7</sup>
05/19/20	Total Suspended Solids	SM 2540 D	1.0	18
05/19/20	BOD <sup>8</sup>	SM 5210 B	2.0	89.1 <sup>7</sup>
05/19/20	Arsenic	EPA 200.8	0.0001	0.381 <sup>7</sup>
05/19/20	Selenium	EPA 200.8	0.0001	0.141 <sup>7</sup>

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

<sup>7</sup> A simple average of two sample results.

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

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER