

## Colorado River Basin Regional Water Quality Control Board

### NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA JUNE 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>
06/16/20	10:57	27.6	7.6	3.9	5,827

#### FIELD OBSERVATIONS

06/16/20 11:10- Water color is green. Sunny. Wind 3mph Southeast. Very little foam. No odor.

NOTES: Minor foam in river, plastic bags and buckets in water, aquatic life, small bubbles.

#### BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>4</sup>
06/16/20	11:28	31,500 <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 two sample results.

**CHEMICAL ANALYSIS**

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) <sup>6</sup>
06/16/20	Ammonia as N	SM 4500 NH3 D	0.0082	6.3 <sup>7</sup>
06/16/20	Total Kjeldahl N	EPA 351.2	0.5	11 <sup>7</sup>
06/16/20	Total Phosphorus	EPA 365.1 M	0.0032	0.39 <sup>7</sup>
06/16/20	Total Suspended Solids	SM 2540 D	1.0	32.5
06/16/20	BOD <sup>8</sup>	SM 5210 B	2.0	81.8 <sup>7</sup>
06/16/20	Arsenic	EPA 200.8	0.0001	0.368 <sup>7</sup>
06/16/20	Selenium	EPA 200.8	0.0001	0.133 <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