

## Colorado River Basin Regional Water Quality Control Board

### NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA JULY 2019 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>
07/02/19	09:28	27.4	8.1	3.5	3,977

#### FIELD OBSERVATIONS

07/02/19 09:09- Ambient air temperature 90 °F. Water color is brown/green. Sky clear. Wind 4 miles per hour. Little foam balls. No odor.

NOTES- Regular water level; No trash; Speed regular.

#### CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) <sup>4</sup>
07/02/19	Ammonia as N	SM 4500 NH3 D	0.41	7.35 <sup>5</sup>
07/02/19	Total Kjeldahl N	EPA 351.2	0.08	4.77 <sup>5</sup>
07/02/19	Total Phosphorus	EPA 365.1 M	0.0032	2.04 <sup>5</sup>
07/02/19	Total Suspended Solids	SM 2540 D	1.0	1.9
07/02/19	BOD <sup>6</sup>	SM 5210 B	2.0	85.8 <sup>5</sup>
07/02/19	Arsenic	EPA 200.7	0.003	0.046 <sup>5</sup>
07/02/19	Selenium	EPA 200.7	0.0003	0.007 <sup>5</sup>

<sup>1</sup> Water temperature is reported in units of degrees Celsius (°C).

<sup>2</sup> Dissolved oxygen (DO) is reported in units of milligrams per liter.

<sup>3</sup> Specific Conductivity is reported in units of microSiemens per centimeter.

<sup>4</sup> The concentrations are reported in units of milligrams per liter.

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

<sup>6</sup> Biochemical Oxygen Demand.