

## Colorado River Basin Regional Water Quality Control Board

### NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA MAY 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>
05/29/19	09:33	22.7	7.7	4.38	6,188

#### FIELD OBSERVATIONS

05/29/19 09:33- Ambient air temperature 79 °F. Water color is green/brown. Sky clear. Wind 5 miles per hour. Little foam balls. No odor.

NOTES- Speed water regular, water high normal, little trash observed crossing, wild birds, slope cover with grass.

#### BACTERIAL ANALYSIS

IMPERIAL VALLEY ENVIRONMENTAL LABORATORIES IN CALEXICO, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>4</sup>
05/29/19	10:21	9,500 <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> Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

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

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## CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) <sup>6</sup>
05/29/19	Ammonia as N	SM 4500 NH3 D	0.0082	14.15 <sup>7</sup>
05/29/19	Total Kjeldahl N	EPA 351.2	0.08	ND <sup>7,8</sup>
05/29/19	Total Phosphorus	EPA 365.1 M	0.0032	1.62 <sup>7</sup>
05/29/19	Total Suspended Solids	SM 2540 D	1.0	24
05/29/19	BOD <sup>9</sup>	SM 5210 B	2.0	27.1 <sup>7</sup>
05/29/19	Arsenic	EPA 200.7	0.002	0.043 <sup>7</sup>
05/29/19	Selenium	EPA 200.7	0.0013	0.018 <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> Sample result is below the method detection limit.

<sup>9</sup> Biochemical Oxygen Demand.