

## Colorado River Basin Regional Water Quality Control Board

### NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA JUNE 2025 WATER QUALITY DATA

#### FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) <sup>1</sup>	S.U. <sup>2</sup>	(mg/L) <sup>3</sup>	(µS/cm) <sup>4</sup>
06/10/25	NR <sup>5</sup>	NR	NR	NR	NR

#### FIELD OBSERVATIONS

06/10/25 10:24 –Water color is green. Foam is present.

#### NOTES

Regional Water Board staff observed ducks in the New River. Staff also observed flies and bug swarms.

#### BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) <sup>6</sup>
06/10/25	10:36	>16,000 (1:10 dilution) <sup>7</sup>
06/10/25	10:36	16,000 (1:10 dilution)
06/10/25	10:38	35,000 (1:100 dilution)
06/10/25	10:38	92,000 (1:100 dilution)

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

<sup>2</sup> pH is reported in standard units.

<sup>3</sup> Dissolved oxygen (D.O.) is reported in units of milligrams per liter.

<sup>4</sup> Specific conductivity is reported in units of microSiemens per centimeter.

<sup>5</sup> Field measurements are not reported (NR). Field equipment is out of service.

<sup>6</sup> Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

<sup>7</sup> Fecal coliform is greater than upper reporting limit.

**CHEMICAL ANALYSIS RESULTS**

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION
(MM/DD/YY)			(mg/L) <sup>8</sup>	(mg/L)
06/10/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	13
06/10/25	Ammonia as Nitrogen	SM 4500 NH3 HG	0.5	13
06/10/25	Total Kjeldahl Nitrogen	EPA 351.2	2.5	19
06/10/25	Total Kjeldahl Nitrogen	EPA 351.2	2.5	17
06/10/25	Total Phosphorous	SM 4500-P E	0.50	2.4 <sup>9</sup>
06/10/25	Total Phosphorous	SM 4500-P E	0.50	2.4 <sup>9</sup>
06/10/25	Total Suspended Solids	SM 2540 D	5	21
06/10/25	BOD <sup>10</sup>	SM 5210 B	5.0	21
06/10/25	BOD	SM 5210 B	5.0	17
06/10/25	Arsenic	EPA 200.8	0.005	0.0079
06/10/25	Arsenic	EPA 200.8	0.005	0.0083
06/10/25	Selenium	EPA 200.8	0.005	0.0023
06/10/25	Selenium	EPA 200.8	0.005	0.0019

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<sup>8</sup> The concentrations are reported in units of milligrams per liter.<sup>9</sup> The results were confirmed by re-analysis.<sup>10</sup> Biochemical Oxygen Demand.