

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
FEBRUARY 2020 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/L) ²	(µS/cm) ³
02/18/20	10:38	16.3	7.7	5.04	4,212

FIELD OBSERVATIONS

02/18/20 10:28- Water color is murky brown. Sky clear. Light breeze. No foam. Raw sewage odor.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁴
02/18/20	Ammonia as N	SM 4500 NH3 D	0.164	12.9 ⁵
02/18/20	Total Kjeldahl N	EPA 351.2	0.5	18 ⁵
02/18/20	Total Phosphorus	EPA 365.1 M	0.0032	1.82 ⁵
02/18/20	Total Suspended Solids	SM 2540 D	1.0	27
02/18/20	BOD ⁶	SM 5210 B	2.0	57.1 ⁵
02/18/20	Arsenic	EPA 200.8	0.0002	0.071 ⁵
02/18/20	Selenium	EPA 200.8	0.0002	0.10 ⁵

¹ Water temperature is reported in units of degrees Celsius (°C).

² Dissolved oxygen (D.O.) is reported in units of milligrams per liter.

³ Specific conductivity is reported in units of microSiemens per centimeter.

⁴ The concentrations are reported in units of milligrams per liter.

⁵ A simple average of two sample results.

⁶ Biochemical Oxygen Demand.