

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
FEBRUARY 2021 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/L) ²	(μ S/cm) ³
02/16/21	09:33	15.6	7.6	5.2	4,956

FIELD OBSERVATIONS

02/16/21 09:33- Ambient air temp 69°C. Water color is olive green. Sky clear. Breezy. No foam present. No odor.

NOTES: Water level is higher than normal; 1.5-2 ft.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
02/16/21	09:15	>1,600
02/16/21	09:16	>1,600
02/16/21	09:17	>1,600
02/16/21	09:18	>1,600

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 Fecal coliform is reported in units of Most Probable Number (MPN) per 100 milliliters.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

DATE	CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (mg/L) ⁵
02/16/21	Ammonia as N	SM 4500 NH3 D	0.01	7.3
02/16/21	Ammonia as N	SM 4500 NH3 D	0.01	9.5
02/16/21	Total Kjeldahl N	SM 4500-N orgD	0.1	11.4
02/16/21	Total Kjeldahl N	SM 4500-N orgD	0.1	11.9
02/16/21	Total Phosphorus	SM 4500-P E	0.0032	1.49
02/16/21	Total Phosphorus	SM 4500-P E	0.0032	1.48
02/16/21	Total Suspended Solids	SM 2540 D	1.0	67
02/16/21	BOD ⁶	SM 5210 B	2.0	38.5
02/16/21	BOD	SM 5210 B	2.0	33.6
02/16/21	Arsenic	EPA 200.8	0.0001	ND ⁷
02/16/21	Arsenic	EPA 200.8	0.0001	0.004
02/16/21	Selenium	EPA 200.8	0.0001	0.008
02/16/21	Selenium	EPA 200.8	0.0001	0.016

⁵ The concentrations are reported in units of milligrams per liter.

⁶ Biochemical Oxygen Demand.

⁷ Concentration reported as below the Method Detection Limit of 0.00005 mg/L.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER