

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
JANUARY 2021 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
01/26/21	09:50	13.4	7.6	5.9	4,517

FIELD OBSERVATIONS

01/26/21 09:50- Water color is brown green. Sky clear. Wind 5-10 miles per hour West. No foam present. Dead fishy odor noted.

NOTES: 10-12 birds present in/near water. Accessed (the) footbridge on (the) side opposite (the) parking lot.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
01/26/21	09:37	>1,600
01/26/21	09:38	>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
01/26/21	Ammonia as N	SM 4500 NH3 D	0.1	10.3
01/26/21	Ammonia as N	SM 4500 NH3 D	0.1	11.1
01/26/21	Total Kjeldahl N	EPA 351.2	0.1	12.6
01/26/21	Total Kjeldahl N	EPA 351.2	0.1	12.2
01/26/21	Total Phosphorus	SM 4500-P E	0.0032	1.35
01/26/21	Total Phosphorus	SM 4500-P E	0.0032	1.35
01/26/21	Total Suspended Solids	SM 2540 D	1.0	39
01/26/21	BOD ⁶	SM 5210 B	2.0	23
01/26/21	BOD	SM 5210 B	2.0	17.5
01/26/21	Arsenic	EPA 200.8	0.0001	ND ⁷
01/26/21	Arsenic	EPA 200.8	0.0001	0.0007
01/26/21	Selenium	EPA 200.8	0.0001	0.0013
01/26/21	Selenium	EPA 200.8	0.0001	0.0015

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