

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
DECEMBER 2020 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
12/15/20	10:30	13.1	7.7	6.6	4,647

FIELD OBSERVATIONS

12/15/20 10:30- Ambient air temperature 57 °F. Water color is brown green. Sky clear. Wind 5 miles per hour. Foam present. No odor noted.

NOTES: Water color brown/green- Soap little ball- Regular level- Not odor- Not trash

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
12/15/20	10:48	>1,600
12/15/20	10:49	>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
12/15/20	Ammonia as N	SM 4500 NH3 D	0.0082	11.3
12/15/20	Ammonia as N	SM 4500 NH3 D	0.0082	11
12/15/20	Total Kjeldahl N	EPA 351.2	0.1	12.7
12/15/20	Total Kjeldahl N	EPA 351.2	0.1	12.4
12/15/20	Total Phosphorus	EPA 365.3	0.0032	1.06
12/15/20	Total Phosphorus	EPA 365.3	0.0032	1.97
12/15/20	Total Suspended Solids	SM 2540 D	1.0	32
12/15/20	BOD ⁶	SM 5210 B	2.0	9.24
12/15/20	BOD	SM 5210 B	2.0	13.4
12/15/20	Arsenic	EPA 200.8	0.0001	0.0025
12/15/20	Arsenic	EPA 200.8	0.0001	0.0011
12/15/20	Selenium	EPA 200.8	0.0001	0.001
12/15/20	Selenium	EPA 200.8	0.0001	0.0037

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

⁶ Biochemical Oxygen Demand.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER