

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY -
CALEXICO, CALIFORNIA
SEPTEMBER 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
09/22/20	10:08	29.2	7.6	3.2	5,185

FIELD OBSERVATIONS

09/22/20 10:08- Ambient air temperature 94 °F. Water color is olive green. Sky clear. Wind 4 miles per hour East-Southeast. Small amount of foam present. Light odor noted.

NOTES: Some trash upstream of sampling bridge in thalweg: Homeless encampment under 2nd St. Bridge.

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴
09/22/20	10:18	350
09/22/20	10:19	240
09/22/20	10:20	220
09/22/20	10:21	≥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
09/22/20	Ammonia as N	SM 4500 NH3 D	0.1	3.9
09/22/20	Ammonia as N	SM 4500 NH3 D	0.1	6.6
09/22/20	Total Kjeldahl N	EPA 351.2	0.5	12
09/22/20	Total Kjeldahl N	EPA 351.2	0.5	14
09/22/20	Total Phosphorus	EPA 365.3	0.0032	1.06
09/22/20	Total Phosphorus	EPA 365.3	0.0032	1.09
09/22/20	Total Suspended Solids	SM 2540 D	1.0	35
09/22/20	BOD ⁶	SM 5210 B	2.0	20.3
09/22/20	BOD	SM 5210 B	2.0	17.8
09/22/20	Arsenic	EPA 200.8	0.0001	0.0055
09/22/20	Arsenic	EPA 200.8	0.0001	0.0057
09/22/20	Selenium	EPA 200.8	0.0001	0.0015
09/22/20	Selenium	EPA 200.8	0.0001	0.002

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

⁶ Biochemical Oxygen Demand.