

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 JANUARY 2019 WATER QUALITY DATA

Field Measurements:

DATE	TIME	TEMP	PH	DO	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/l) ²	(µS/cm) ³
01/29/19	09:37	14.95	7.69	6.83	4619

Field Observations:

01/29/19 09:35- Water color is olive green. Sky partly cloudy. No wind. No foam. No odor.

Bacterial Analysis:

DATE	TIME	TOTAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁵
01/29/19	10:15	30,000 ⁶

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

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

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

⁴ Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis (SM 9223 B).

⁵ Total coliform is reported in units of Most Probable Number (MPN) per 100 ml.

⁶ A simple average of two sample results.

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Sample Analysis:

DELTA ENVIRONMENTAL LABORATORIES BENICIA, CA			01/29/19
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Ammonia as N	SM 4500 NH3 D	0.04	10.3 ⁸
Total Kjeldahl N	Calculation	0.08	0.85 ⁸
Total Phosphorus	SM 4500P B	0.01	1.81 ⁸
Total Suspended Solids	SM 2540 D	1.0	43
BOD ⁹	SM 5210B	2.0	12.5 ⁸
Arsenic	EPA 200.7	0.002 ¹⁰	1.75 ^{8, 10}
Selenium	EPA 200.7	0.2 ¹⁰	ND ¹¹

⁷ The concentrations are reported in units of milligrams per liter except where noted.

⁸ A simple average of two sample results.

⁹ Biochemical Oxygen Demand.

¹⁰ Units of micrograms per liter.

¹¹ Analyte not detected, Concentration below quantitation limit.