

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 DECEMBER 2017 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
12/06/17	10:49	14.67	7.70	7.08	5127

Field Observations:

12/06/17 10:47- Water color is olive green. Sky clear blue. No wind. No foam. No odor. Initial %D.O 101.9. Final %D.O. 99.4.

NOTES: Wildlife around- turtle, fish, birds

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁵
12/06/17	11:03	33, 500 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 9221C,E).

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

⁶ A simple average of two sample results.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 DECEMBER 2017 WATER QUALITY DATA

Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			12/06/17
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Ammonia (as Nitrogen)	SM4500NH3BC	0.56	14.0
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	15.12
Total Suspended Solids	SM2540D	5.0	39.4
Total Phosphorus	SM4500PB5E	0.06	1.03
BOD ⁸	SM 5210B	2.0	19.25 ⁹

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

⁸ Biochemical Oxygen Demand.

⁹ A simple average of two sample results.