

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

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

Field Measurements:

DATE	TIME	TEMP	PH	DO	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/l) ²	(μ S/cm) ³
11/08/17	10:38	21.13	7.68	6.04	5321

Field Observations:

11/08/17 10:38- Water color is green brown. Little foam balls. No odor. Initial %D.O 98.7. Final %D.O. 98.5.

NOTES: Water level short/ speed moderate/

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁵
11/08/17	10:50	27, 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 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
 NOVEMBER 2017 WATER QUALITY DATA

Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			11/08/17
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Ammonia (as Nitrogen)	SM4500NH3BC	0.56	6.72
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	8.4
Total Suspended Solids	SM2540D	5.0	40.4
Total Phosphorus	SM4500PB5E	0.1	3.06
BOD ⁸	SM 5210B	2.0	24.9 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.