

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 APRIL 2018 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
04/11/18	09:24	24.54	7.6	4.59	5327

Field Observations:

04/11/18 09:24- Water color is greenish brown. Sky mostly clear. Wind 3-5 mph North. Small specks of foam. No odor. Initial %D.O. 99.8. Final %D.O. 99.6.

NOTES: Saw ducks in the water, and other birds. Construction on the East bank. Water level is normal.

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁵
04/11/18	09:35	24,000 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.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			04/11/18
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Total Suspended Solids	SM2540D	1.0	117.2
BOD ⁸	SM 5210B	2.0	11.65 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.