

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 NOVEMBER 2015 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
11/04/15	09:32	19.2	-- ⁴	-- ⁵	4950

Field Observations:

11/04/15 09:35- Water color is green brown. Partially cloudy. Wind 2 mph. No foam. No odor. Initial %D.O 97.9. Final %D.O. 106.0.

Notes Water level same; brown green (water) color; not odor, velocidad (speed/flow) same;

Bacterial Analysis:

DATE	TIME	FECAL ⁶ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁷
11/04/15	09:35	105,000 ⁸

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 Measurement not taken.

⁵ DO probe is not working properly, % DO DQO is ± 2% of 100%.

⁶ Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis.

⁷ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

⁸ A simple average of two sample results.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			11/04/15
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁹
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	5.60
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	10.08
Total Suspended Solids	SM2540D	5.0	45.6
Total Phosphorus	SM4500PB5E	0.1	0.421
BOD	SM 5210B	4.0	12.48 ¹⁰

⁹ The concentrations are reported in units of milligrams per liter.

¹⁰ A simple average of two sample results.