

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 OCTOBER 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
10/14/15	08:03	27.7	-- ⁴	1.4	5660

Field Observations:

10/14/15 08:03- Water color is green. Light clouds. No wind. Small foam balls present. No odor. Initial %D.O. 100.0. Final %D.O. 99.1.

Bacterial Analysis:

DATE	TIME	FECAL ⁵ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁶
10/14/15	08:03	160,000 ⁷

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

⁶ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

⁷ A simple average of two sample results.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			10/14/15
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁸
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	5.04
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	7.28
Total Suspended Solids	SM2540D	5.0	32.8
Total Phosphorus	SM4500PB5E	0.1	5.09
BOD	SM 5210B	4.0	43 ⁹

⁸ The concentrations are reported in units of milligrams per liter.

⁹ A simple average of two sample results.