

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD**  
**COLORADO RIVER BASIN REGION**

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA  
 JANUARY 2016 WATER QUALITY DATA

Field Measurements:

DATE	TIME	TEMP	PH	DO	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) <sup>1</sup>		(mg/l) <sup>2</sup>	(µS/cm) <sup>3</sup>
01/06/16	09:15	12.6	-- <sup>4</sup>	7.18	5040

Field Observations:

1/06/16 09:15- Ambient air temperature 73.2°F. Water color is green. Sky clear. Slight wind. No foam. No odor. Initial %D.O 100. Final %D.O. 101.5.

Notes Water appears green in color. Ducks and other fowl present in the New River. Banks have recently been cleared of vegetation. Trace 'trash' (wrappers) floating in River.

Both gates on River bridge were open upon arrival. Person working in vicinity of waterway. Border Patrol also present. Upon departure- both gates left open.

Bacterial Analysis:

DATE	TIME	FECAL <sup>5</sup> COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) <sup>6</sup>
01/06/16	09:15	>160,000 <sup>7</sup>

<sup>1</sup> Water temperature is reported in units of degrees celsius (°C).

<sup>2</sup> Dissolved oxygen (DO) is reported in units of milligrams per liter.

<sup>3</sup> Specific Conductivity is reported in units of microSiemens per centimeter.

<sup>4</sup> Measurement not taken.

<sup>5</sup> Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis.

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

<sup>7</sup> A simple average of two sample results.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			1/06/16
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) <sup>8</sup>
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	5.60
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	6.72
Total Suspended Solids	SM2540D	5.0	67.6
Total Phosphorus	SM4500PB5E	0.1	3.96
BOD	SM 5210B	4.0	12.06 <sup>9</sup>

<sup>8</sup> The concentrations are reported in units of milligrams per liter.

<sup>9</sup> A simple average of two sample results.