

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

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA  
 NOVEMBER 2014 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>
11/05/14	10:18	17.82	7.76	5.6	5420

Field Observations:

11/05/14 10:18- Ambient Air temp. 76°F. Water color is brownish. Clear, Sunny. Slight wind.

Bacterial Analysis:

DATE	TIME	FECAL <sup>4</sup> COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) <sup>5</sup>
11/05/14	10:18	>160,000 <sup>6</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> Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis.

<sup>5</sup> Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

<sup>6</sup> Greater than the Analytical Reporting Limit (160,000 MPN).

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			11/05/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) <sup>7</sup>
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	8.96
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	8.96
Total Suspended Solids	SM2540D	5.0	51.6
Total Phosphorus	SM4500PB5E	0.1	5.89
BOD	SM 5210B	4.0	15.63

<sup>7</sup> The concentrations are reported in units of milligrams per liter.