

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

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA  
 APRIL 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>
04/12/16	08:10	22.8	-- <sup>4</sup>	4.77	4125

Field Observations:

04/12/16 08:10- Ambient air temperature 72°F. Water color is brown. Sky clear. Wind calm. No foam. No odor. Initial %D.O 99.0. Final %D.O. 100.0.

Bacterial Analysis:

DATE	TIME	FECAL <sup>5</sup> COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) <sup>6</sup>
04/12/16	08:10	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			4/12/16
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) <sup>8</sup>
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	2.24
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	5.04
Total Suspended Solids	SM2540D	5.0	45.2
Total Phosphorus	SM4500PB5E	0.1	1.29
BOD	SM 5210B	4.0	23.35 <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.