

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

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA  
 SEPTEMBER 2015 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>
09/16/15	12:07	28.8	-- <sup>4</sup>	-- <sup>5</sup>	3400

Field Observations:

09/16/15 11:45- Water color is green brown. Clear sky. Wind 6 mph. Little foam balls. No odor. Initial %D.O 106.0. Final %D.O. 104.8.

Notes Water regular flow; little foam balls; water color brown green; not odor, level (of) normal. Lock out (of) order need a new one.

Bacterial Analysis:

DATE	TIME	FECAL <sup>6</sup> COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) <sup>7</sup>
09/16/15	11:52	7,500 <sup>8</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> DO probe is not working properly, % DO DQO is ± 2% of 100%.

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

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

<sup>8</sup> A simple average of two sample results.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			09/16/15
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) <sup>9</sup>
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	3.36
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	5.04
Total Suspended Solids	SM2540D	5.0	184.4
Total Phosphorus	SM4500PB5E	0.1	1.88
BOD	SM 5210B	4.0	6.35 <sup>10</sup>

<sup>9</sup> The concentrations are reported in units of milligrams per liter.

<sup>10</sup> A simple average of two sample results.