

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 OCTOBER 2016 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
10/12/16	9:15	-- ⁴	--	--	--

Field Observations:

NOTES: YSI meter non-functional. Water in New River appears green with foam, some trash debris floating. No odor. Clear skies. No wind. Ambient temperature ~80°F.

Bacterial Analysis:

DATE	TIME	FECAL ⁵ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁶
10/12/16	10:09	26,000 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 Measurements not taken.

⁵ Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis (SM 9221C,E).

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			10/12/16
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁸
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	5.04
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	2.24
Total Suspended Solids	SM2540D	5.0	43.2
Total Phosphorus	SM4500PB5E	0.1	2.84
BOD	SM 5210B	4.0	26.3 ⁹

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

⁹ A simple average of two sample results.