

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 DECEMBER 2014 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
12/17/14	08:25	15.35	7.77	3.95	4930

Field Observations:

12/17/14 08:25- Ambient Air temp. 60°F. Water color is green/brown. Cloudy. Slight breeze. No Foam. Slight odor. Initial % D.O 100.3. Final %D.O. 101.3.

Notes Light steady rain

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁵
12/17/14	08:25	>160,000 ⁶

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 Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calxico, CA) for analysis.

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

⁶ Greater than the Analytical Reporting Limit (160,000 MPN).

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			12/17/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	8.40
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	14.0
Total Suspended Solids	SM2540D	5.0	60.0
Total Phosphorus	SM4500PB5E	0.1	4.81
BOD	SM 5210B	4.0	19

⁷ The concentrations are reported in units of milligrams per liter.