

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
SEPTEMBER 2014 WATER QUALITY DATA

Field Measurements:

DATE	TIME	TEMP	PH	DO	CONDUCTANCE
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/l) ²	(µmhos) ³
09/16/14	09:30	30.97		3.78	

Field Observations:

09/16/14 09:30- Very humid. (Air) temp. ≈95°F. Water color is greenish-brown. No foam. Little breeze. YSI recalibrated (field). Initial %D.O. 100.5. Final %D.O. 101.3.

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁵
09/16/14	09:30	50,000

¹ Water temperature is reported in units of degrees celsius (°C).

² Dissolved oxygen (DO) is reported in units of milligrams per liter.

³ Conductance is reported in units of micromhos.

⁴ Bacteria samples delivered to Imperial Valley Environmental Laboratory (Calexico, CA) for analysis.

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

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			09/16/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁶
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	5.60
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	8.96
Total Suspended Solids	SM2540D	5.0	96.0
Total Phosphorus	SM4500PB5E	0.1	3.49
BOD	SM 5210B	4.0	8.75

⁶ The concentrations are reported in units of milligrams per liter.