

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

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

Field Measurements:

DATE	TIME	TEMP	PH	DO	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/l) ²	(μ S/cm) ³
10/08/14	09:27	24.89	7.91	2.54	5430

Field Observations:

10/08/14 09:30- Ambient Air temp. 78.8°F (26 °C). Water color is greenish. No foam. Wind 4 miles W(est) to E(ast). Initial %D.O. 100.1. Final %D.O. 100.6. NOTES Water level apparently is normal, no trash was observed. Lock is difficult to open. Humidity 39%.

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁵
10/08/14	09:27	90,000

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

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

³ Specific Conductivity is reported in units of microSiemens per centimeter.

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			10/08/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁶
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	7.28
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	11.2
Total Suspended Solids	SM2540D	5.0	48.8
Total Phosphorus	SM4500PB5E	0.1	4.76
BOD	SM 5210B	4.0	9.61

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