

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 JANUARY 2015 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
01/07/15	10:30	11.23	7.37	NR ⁴	5429

Field Observations:

01/07/15 10:30- Ambient Air temp. 61°F. Water color is greenish. Partially cloudy. Slight breeze. No Foam. No odor. Initial %D.O 81.1. Final %D.O. 80.4.

Notes Normal flow- no trash observed-

Bacterial Analysis:

DATE	TIME	FECAL ⁵ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁶
01/07/15	10:30	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 Not Reported. Measurement was collect, but the initial and final %D.O. indicate that the probe may not be working properly.

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

⁶ 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			01/07/15
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁷
Ammonia (as Nitrogen)	SN4500NH3BC	0.56	6.16
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	7.84
Total Suspended Solids	SM2540D	5.0	28.0
Total Phosphorus	SM4500PB5E	0.1	2.58
BOD	SM 5210B	4.0	8.88

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