

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

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

Field Measurements:

DATE	TIME	TEMP	PH	DO	CONDUCTANCE
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/l) ²	(µmhos) ³
08/13/14	08:55	30.27		2.61	

Field Observations:

08/13/14 08:55- Air temperature 96.8°F. Water color dark black green. Overcast. Breezy ≈7mph. No foam. Fishy odor . Initial %D.O. 99.3. Final %D.O. 100.0. Notes- Dead fish present. Water color may indicate sewage. Slight sewage odor.

Bacterial Analysis:

DATE	TIME	FECAL ⁴ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁵
08/13/14	08:55	160,000

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			08/13/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁶
Ammonia (as Nitrogen)		0.56	2.80
Total Kjeldahl Nitrogen	SM4500org A,C	0.56	7.28
Total Phosphorus	SM4500PB5E	0.1	2.06
BOD	SM 5210B	4.0	6.93

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			08/13/14
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (UG/L) ⁷
Arsenic	EPA200.7	10.0	12.45
Selenium	EPA200.7	5.0	ND ⁸

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

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

⁸ The concentration of this constituent was not above the Reporting Limit.