

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 JUNE 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
06/10/15	08:47	25.75	7.54	-- ⁴	4684

Field Observations:

06/10/15 08:49- Ambient Air temp~89oF. Water color is green olive. Clear sky. Wind 3 mph. No foam. No odor. Initial %D.O 100.1. Final %D.O. 108.1.

Notes High turbidity- green olive- speed (of) water more fast- level (of) water regular- clear weather- no trash. One dead fish.

Bacterial Analysis:

DATE	TIME	FECAL ⁵ COLIFORM
(MM/DD/YY)	(HH:MM)	(#/100 ML) ⁶
06/10/15	08:47	>160,000 ⁷

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 DO probe is not 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.

⁷ A simple average of two sample results. Both results greater than the Upper Reporting Limit.

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Sample Analysis:

IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA			06/10/15
CONSTITUENT	METHOD	REPORTING LIMIT	CONCENTRATION (MG/L) ⁸
Total Suspended Solids	SM2540D	10.0	56.8
BOD	SM 5210B	4.0	16.20 ⁹

⁸ The concentrations are reported in units of milligrams per liter.

⁹ A simple average of two sample results.