

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

NEW RIVER @ THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA
 FEBRUARY 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 |
| 02/18/15 | 09:20 | 19.80 | 7.69 | NR ⁴ | 4682 |

Field Observations:

02/18/15 09:17- Ambient Air temp. 72°F. Water color is brownish. Clear sky. Wind 3 mph. No Foam. No odor. Initial %D.O 103. Final %D.O. 104.

Notes No odor-no observed trash-

Bacterial Analysis:

| DATE | TIME | FECAL ⁵ COLIFORM |
|------------|---------|-----------------------------|
| (MM/DD/YY) | (HH:MM) | (#/100 ML) ⁶ |
| 02/18/15 | 09:20 | 27,000 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 Not Reported. Measurement was collected, 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.
⁷ A simple average of two sample results.

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Sample Analysis:

| IMPERIAL VALLEY ENVIRONMENTAL LABORATORY CALEXICO, CA | | | 02/18/15 |
|--|---------------|-----------------|--------------------------------------|
| CONSTITUENT | METHOD | REPORTING LIMIT | CONCENTRATION (MG/L) ⁸ |
| Ammonia (as Nitrogen) | SN4500NH3BC | 0.56 | 7.28 |
| Total Kjeldahl Nitrogen | SM4500org A,C | 0.56 | 10.08 |
| Total Suspended Solids | SM2540D | 5.0 | 44.80 |
| Total Phosphorus | SM4500PB5E | 0.1 | 2.31 |
| BOD | SM 5210B | 4.0 | 8.1 ⁹ |

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

⁹ A simple average of two sample results.