

Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY - CALEXICO, CALIFORNIA MARCH 2020 WATER QUALITY DATA

FIELD MEASUREMENTS

| DATE | TIME | TEMP | PH | D.O. | SPECIFIC CONDUCTIVITY |
|------------|---------|-------------------|-----|---------------------|----------------------------|
| (MM/DD/YY) | (HH:MM) | (°C) ¹ | | (mg/L) ² | (μ S/cm) ³ |
| 03/17/20 | 10:55 | 19.5 | 7.7 | 4.8 | 3,986 |

FIELD OBSERVATIONS

03/17/20 10:16- Water color is brown/green. Sky overcast. Slight breeze. Little foam. Faint smell of sewage.

NOTES: Birds present at edge of river, drinking water. Faint smell of sewage. Some white bubbles floating on water surface. Large debris and trash in water

BACTERIAL ANALYSIS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

| DATE | TIME | FECAL COLIFORM |
|------------|---------|---------------------------|
| (MM/DD/YY) | (HH:MM) | (MPN/100 ML) ⁴ |
| 03/17/20 | 11:57 | 54,000 |

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

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

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

⁴ Fecal coliform is reported in units of Most Probable Number (MPN) per 100 ml.

CHEMICAL ANALYSIS

DELTA ENVIRONMENTAL LABORATORIES IN BENICIA, CA

| DATE | CONSTITUENT | METHOD | REPORTING LIMIT | CONCENTRATION (mg/L) ⁵ |
|----------|------------------------|---------------|-----------------|-----------------------------------|
| 03/17/20 | Ammonia as N | SM 4500 NH3 D | 0.164 | 9.6 ⁶ |
| 03/17/20 | Total Kjeldahl N | EPA 351.2 | 0.5 | 14 ⁶ |
| 03/17/20 | Total Phosphorus | EPA 365.1 M | 0.0064 | 14 ⁶ |
| 03/17/20 | Total Suspended Solids | SM 2540 D | 1.0 | 46 |
| 03/17/20 | BOD ⁷ | SM 5210 B | 2.0 | 8.9 ⁶ |
| 03/17/20 | Arsenic | EPA 200.8 | 0.0001 | ND ^{6,8} |
| 03/17/20 | Selenium | EPA 200.8 | 0.0001 | ND ^{6,8} |

⁵ The concentrations are reported in units of milligrams per liter.

⁶ A simple average of two sample results.

⁷ Biochemical Oxygen Demand.

⁸ Sample results reported as less than the Method Detection Limit.

NANCY WRIGHT, CHAIR | PAULA RASMUSSEN, EXECUTIVE OFFICER