



Colorado River Basin Regional Water Quality Control Board

NEW RIVER AT THE INTERNATIONAL BOUNDARY CALEXICO, CALIFORNIA MAY 2022 WATER QUALITY DATA

FIELD MEASUREMENTS

DATE	TIME	TEMP	PH	D.O.	SPECIFIC CONDUCTIVITY
(MM/DD/YY)	(HH:MM)	(°C) ¹		(mg/L) ²	(<i>u</i> S/cm) ³
05/31/22	08:46	25.1	7.7	4.4	5590

FIELD OBSERVATIONS

05/31/22 08:43- Water color is olive green. Clear sky. Slight breeze. Wind 0-5 miles per hour. No foam.

NOTES

Samples from short dock. Water level normal.

BACTERIAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

DATE	TIME	FECAL COLIFORM	
(MM/DD/YY)	(HH:MM)	(MPN/100 ML) ⁴	
05/31/22	08:55	9,200 (1:10 dilution)	
05/31/22	08:55	≥16,000 ⁵ (1:10 dilution)	
05/31/22	08:56	24,000 (1:100 dilution)	
05/31/22	08:56	24,000 (1:100 dilution)	

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 milliliters.

⁵ Fecal coliform is greater than or equal to the upper reporting limit (16,000 MPN).

CHEMICAL ANALYSIS RESULTS

BABCOCK LABORATORIES, INC. IN RIVERSIDE, CA

D5/31/22	DATE	CONSTITUENT	METHOD	REPORTING	CONCENTRATION
05/31/22 Ammonia as Nitrogen SM 4500 NH3 HG 0.1 10 05/31/22 Ammonia as Nitrogen SM 4500 NH3 HG 0.1 10 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 13 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE O.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE O.25 2.2 05/31/22 Total SM 4500-P BE O.25 38	27112	JONGTHOLIN	WETTIOD		
05/31/22 Ammonia as Nitrogen SM 4500 NH3 HG 0.1 10 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 13 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE O.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE O.25 2.2 05/31/22 Total SM 2540 D 5 38	05/31/22	ll .	SM 4500 NH3	0.1	
Nitrogen HG 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 13 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total SM 2540 D 5 38		Nitrogen	HG		
05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 13 05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total Phosphorus SM 2540 D 5 38	05/31/22			0.1	10
Nitrogen D5/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total SM 2540 D 5 38		Nitrogen	HG		
05/31/22 Total Kjeldahl Nitrogen EPA 351.2 1.0 14 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total SM 2540 D 5 38	05/31/22	"	EPA 351.2	1.0	13
Nitrogen O5/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total SM 2540 D 5 38		Nitrogen			
05/31/22 Total Phosphorus SM 4500-P BE 0.25 2.5 05/31/22 Total Phosphorus SM 4500-P BE 0.25 2.2 Phosphorus SM 2540 D 5 38	05/31/22		EPA 351.2	1.0	14
Phosphorus O5/31/22 Total Phosphorus SM 4500-P BE Phosphorus 0.25 2.2 05/31/22 Total SM 2540 D 5 38		Nitrogen			
05/31/22 Total Phosphorus SM 4500-P BE SM 2540 D 0.25 2.2 05/31/22 Total SM 2540 D 5 38	05/31/22	2 Total	SM 4500-P BE	0.25	2.5
Phosphorus 5 38 05/31/22 Total SM 2540 D 5 38		Phosphorus			
05/31/22 Total SM 2540 D 5 38	05/31/22	2 Total	SM 4500-P BE	0.25	2.2
		Phosphorus			
Suspended	05/31/22	2 Total	SM 2540 D	5	38
		Suspended			
Solids		Solids			
05/31/22 BOD ⁷ SM 5210 B 20 ND ⁸	05/31/22	$2 BOD^7$	SM 5210 B	20	ND ⁸
05/31/22 BOD SM 5210 B 20 ND	05/31/22	2 BOD	SM 5210 B	20	ND
05/31/22 Arsenic EPA 200.8 0.005 0.0089	05/31/22	2 Arsenic	EPA 200.8	0.005	0.0089
05/31/22 Arsenic EPA 200.8 0.010 0.010	05/31/22	2 Arsenic	EPA 200.8	0.010	0.010
05/31/22 Selenium EPA 200.8 0.0005 0.0087	05/31/22	2 Selenium	EPA 200.8	0.0005	0.0087
05/31/22 Selenium EPA 200.8 0.0005 0.010	05/31/22	2 Selenium	EPA 200.8	0.0005	0.010

 ⁶ The concentrations are reported in units of milligrams per liter.
 ⁷ Biochemical Oxygen Demand.
 ⁸ Analyte not detected. Concentration below quantitation limit.