50010600 RIO GUAJATACA ABV LAGO DE GUAJATACA, PR

RIO GUAJATACA BASIN

LOCATION.--Lat 18°19′57″, long 66°54′59″ referenced to North American Datum of 1927, San Sebastián Municipio, PR, Hydrologic Unit 21010003.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water year 2013 to current year.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 1 of 4

[$CaCO_3$, calcium carbonate; MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft³/s, cubic feet per second; mg/L, milligrams per liter; ng/L, nanograms per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Discharge, instantaneous, ft³/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25°C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detectors at multiple angles including 90 +/- 30 degrees, ratiometric correction, NTRU (63676)	Hardness, water, mg/L as $CaCO_3$ (00900)	Calcium, water, unfiltered, recoverable, mg/L (00916)
11-13-2012	1350	78	8.3	7.8	352	23.5	E 14	--	--
02-19-2013	1405	7.9	9.1	8.1	310	22.5	< 2.0	--	37.2
05-30-2013	1020	74	9.1	8.0	332	23.5	40	--	--
09-04-2013	1230	15	8.5	8.1	321	25.6	E 2.1	150	50.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013

Part 2 of 4

[$CaCO_3$, calcium carbonate; MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft³/s, cubic feet per second; mg/L, milligrams per liter; ng/L, nanograms per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Magnesium, water, unfiltered, recoverable, mg/L (00927)	Hydrogen ion, water, unfiltered, calculated, mg/L (00191)	Ammonia, water, unfiltered, mg/L as N (00610)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Fecal coliform, M-FC MF (0.7 micron) method, water, col/100 mL (31625)
11-13-2012	1350	--	0.00002	0.04	0.905	0.012	0.073	1.07	2,500
02-19-2013	1405	5.90	.00001	.02	3.62	.022	.115	3.71	E 46
05-30-2013	1020	--	.00001	.07	.930	.034	.072	1.12	2,200
09-04-2013	1230	5.61	.00001	.03	2.01	.123	.054	2.21	260

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 50010600, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/50010600.2013.pdf

50010600 RIO GUAJATACA ABV LAGO DE GUAJATACA, PR—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 3 of 4
[$CaCO_3$, calcium carbonate; MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft^3/s, cubic feet per second; mg/L, milligrams per liter; ng/L, nanograms per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Total coliform, M-Endo MF method, immediate, water, col/100 mL (31501)	Cadmium, water, unfiltered, µg/L (01027)	Chromium, water, unfiltered, recover-able, µg/L (01034)	Copper, water, unfiltered, recover-able, µg/L (01042)	Lead, water, unfiltered, recover-able, µg/L (01051)	Mercury, water, unfiltered, ng/L (50286)	Zinc, water, filtered, µg/L (01090)	Arsenic, water, unfiltered, µg/L (01002)	Cyanide, free, amenable to chlorinatio n, water, unfiltered, milligrams per liter (00722)
11-13-2012	1350	14,000	--	--	--	--	--	--	--	--
02-19-2013	1405	580	< .016	< .6	.91	< .04	.72	< 1.4	2.0	--
05-30-2013	1020	4,500	--	--	--	--	--	--	--	--
09-04-2013	1230	2,400	< .016	< .6	.94	< .04	.93	< 1.4	1.2	< 0.0005

WATER-QUALITY DATA
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
Part 4 of 4
[$CaCO_3$, calcium carbonate; MF, membrane filter; N, nitrogen; NTRU, nephelometric turbidity ratio unit; P, phosphorus; col/100 mL, colonies per 100 milliliters; ft^3/s, cubic feet per second; mg/L, milligrams per liter; ng/L, nanograms per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated]

Date	Sample start time	Cyanide, water, unfiltered, milligrams per liter (00720)	Selenium, water, unfiltered, µg/L (01147)	Methylene blue active sub-stances, water, unfiltered, recover-able, mg/L (38260)
11-13-2012	1350	--	--	--
02-19-2013	1405	E .005	.099	< .050
05-30-2013	1020	--	--	--
09-04-2013	1230	--	.125	< .050