50026000 RIO CAONILLAS NR JAYUYA, PR

RIO GRANDE DE ARECIBO BASIN

LOCATION.--Lat 18°13′18″, long 66°38′28″ referenced to North American Datum of 1927, Jayuya Municipio, PR, Hydrologic Unit 21010001.

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; M, presence verified but not quantified]

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	1005	83	8.7	7.7	163	22.5	E 3.5	--	--
02-12-2013	1000	60	9.2	8.4	196	20.8	E 5.6	--	19.6
05-21-2013	1045	108	8.8	7.9	164	22.6	E 3.9	--	--
08-20-2013	0925	77	8.9	7.5	164	23.8	E 4.7	61	15.7

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; M, presence verified but not quantified]

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	1005	--	0.00002	0.02	0.592	0.005	0.041	0.98	2,500
02-12-2013	1000	5.87	M	< .02	.660	.004	.067	.85	2,700
05-21-2013	1045	--	.00001	.02	.642	.002	.040	.72	640
08-20-2013	0925	4.97	.00003	< .02	.463	.004	.041	.56	E 1,500

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 50026000, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/50026000.2013.pdf

50026000 RIO CAONILLAS NR JAYUYA, 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; M, presence verified but not quantified]

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	1005	E 11,000	--	--	--	--	--	--	--	--
02-12-2013	1000	E 17,000	< .016	< .6	3.3	.08	1.32	< 1.4	.34	--
05-21-2013	1045	2,700	--	--	--	--	--	--	--	--
08-20-2013	0925	6,500	< .016	< .6	3.2	< .04	1.36	< 1.4	< .28	M

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; M, presence verified but not quantified]

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	1005	--	--	--
02-12-2013	1000	< .002	.060	< .050
05-21-2013	1045	--	--	--
08-20-2013	0925	--	.106	< .050