50118300 RIO PASTILLO NR PONCE, PR

RIO MATILDE BASIN

LOCATION.--Lat 18°00′31″, long 66°38′39″ referenced to North American Datum of 1927, Ponce Municipio, PR, Hydrologic Unit 21010004.

WATER-QUALITY RECORDS

REMARKS.--Part of Water-Quality Synoptic survey at streams in the southeast, south, and western areas of Puerto Rico during Water Year 2011.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 1 of 2

[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; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	Discharge, instanta-neous, ft³/s (00061)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25 °C (00095)	Tempera-ture, 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)	Hydrogen ion, water, unfiltered, calculated, mg/L (00191)	Ammonia, water, unfiltered, mg/L as N (00610)
10-20-2010	1415	24	6.8	7.8	725	29.1	< 2.0	.00002	.20
03-23-2011	0920	.01	3.7	7.4	776	23.1	E 2.1	.00004	.69

WATER-QUALITY DATA
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011

Part 2 of 2

[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; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; <, less than; E, estimated]

Date	Sample start time	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)	Total coliform, M-Endo MF method, immediate, water, col/100 mL (31501)	Methylene blue active sub-stances, water, unfiltered, recover-able, mg/L (38260)
10-20-2010	1415	1.89	.054	.111	2.28	2,400	7,300	< .05
03-23-2011	0920	5.82	.518	.132	7.30	E 14,000	E 60,000	.06

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2011: U.S. Geological Survey Water-Data Report WDR-US-2011, site 50118300, accessed at http://wdr.water.usgs.gov/wy2011/pdfs/50118300.2011.pdf