

Permit Summary Table

Facility: Guayabota WTP

Permit Number: PR0022799

Receiving Waters: Intermittent
Creek Tributary of Arenas River

Location: State Road 900, Km 12
Yabucoa, PR

Latitude: 18° 04' 14"
Longitude: 65° 57' 36"

Class: SD

Type of Discharge

Average Flow
0.030 MGD

Discharge Number
001

Reviewed by
Myrek L. Nuñez

filters and settling tanks washwater

Parameter	Unit	Application	DMR Reported	Existing Permit Conditions	Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
Arsenic	(µg/L) ^{2,3}	15	--	--	10		10	Quarterly	Grab
BOD ₅	mg/l ^{1,2,3}	5.2	3.3	5	5.0		5.0	Monthly	Grab
Cadmium	(µg/L) ^{2,3}	0.4	0.38	1.3	0.13		0.13	Monthly	Grab
Color	Pt-Co ^{2,3}	10	5	15	15		15	Monthly	Grab
Copper	µg/l ^{2,3}	114	219	4	4		4	Monthly	Grab
Dissolved Oxygen	mg/l ^{1,2,3}	--	7.2	> 5.0	> 5.0		> 5.0	Daily	Grab
Fecal Coliform	col/100 ml ^{1,2,3}	150	--	--	See Note 7.		See Note 7.	Monthly	Grab
Fluoride	µg/l ^{2,3}	208		700	--		--	Annually	Grab
Sulfates	mg/l ^{2,3}	--		--	--		--	Φ	Grab
Sulfide	µg/l ^{Φ2,3}	2		2.0	2.0		2.0	Quarterly	Grab
Zinc	µg/l ^{2,3}	54	11	63.76	52.26		52.26	Monthly	Grab
Flow	MGD ^{1,3,4}	0.011	0.013	0.030	0.030		0.030	Continuous Recording	

Permit Summary Table
Permit Number: PR0022799

Facility: Jagual WTP

Receiving Waters: Intermittent
Creek Tributary of Arenas River

Location: State Road 900, Km 12
Yabucoa, PR

Latitude: 18° 09' 14"
Longitude: 65° 57' 36"

Class: SD

Type of Discharge
filters and settling tanks washwater

Average Flow
0.030 MGD

Discharge Number
001

Reviewed by
Myrek L. Nuñez

Parameter	Unit	Application	DMR Reported	Existing Permit Conditions	Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
pH	SU ^{2,3}	6.0-7.3	6.6	6.0-9.0	6.0-9.0		6.0-9.0	Daily	Grab
R. Chlorine	mg/l ^{2,3} α	0.45	0.4	0.50	0.50		0.50	Daily	Grab
Solids & Other Matters	^{2,3}	--	--	See Note 3.	See Note 3.		See Note 3.	---	---
Suspended , Colloidal or Settleable Solids	ml/l ^{1,2,3}	--	--	See Note 1.	See Note 1.		See Note 1.	Daily	Grab
Taste & Odor Producing Subst.	^{2,3}	--	--	See Note 4	See Note 4.		See Note 4.	---	---
Temperature	°F (°C) ^{2,3}	27	25.2	90 (32.2)	See Note 2.		See Note 2.	Daily	Grab
T. Phosphorus	mg/l ^{2,3,4,7}	0.037	0.04	1.0	1.00		1.00	Quarterly	Grab
Turbidity	NTU ^{2,3}	--	2.8	50	50		50	Monthly	Grab
Cyanide, Free (CN)	(µg/L) ^{2,3} δ	4	24	5.2	5.2		5.2	Monthly	Grab
Lead (Pb)	(µg/L) _{2,3,4,7}	0.9	0.38	1.2	0.9		0.9	Monthly	Grab
Total Ammonia	(NH ₃) (mg/L) ^{2,3}	0.29	--	1.0	1.00		--	Quarterly	Grab

Notes:

To comply with the monitoring requirements specified above, samples shall be taken at the sampling point for discharge serial number 001.

All flow measurements shall achieve accuracy within the range of plus or minus (+ -) 10%.

α See special condition 6 and 7.

Φ See special condition 10.

δ The samples shall be analysed using the method approved by EPA in letter of February 20, 2007.