

Permit Summary Table

Facility: Ponce Vieja WTP
 Location: Borinquen Ward Main Street
 Ponce, Puerto Rico
Type of Discharge
 filters and settling tanks washwater

Permit Number: PR0022781
 Latitude: 18° 01' 34"
 Longitude: 66° 36' 37"
Average Flow Discharge Number
 0.256 MGD 001

Receiving Waters: Portugues River
 Class: SD
Reviewed by
 Viviana Colón

Parameter	Unit	Application	More/Less Stringent	Existing Permit Conditions	Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
Arsenic ^{2,3}	µg/l	6.7	-	.18	10		10	Monthly	Grab
BOD ₅ ^{1,2,3}	mg/l	61	=	20.0	20.0		20.0	Monthly	Grab
Color ^{2,3}	Pt-Co	15	=	15	15		15	Monthly	Grab
Copper ^{2,3}	µg/l	292	+	14	10		10	Monthly	Grab
Cyanide, Free ^{2,3}	mg/l	16	=	5.2	5.2		5.2	Quarterly	Grab
Dissolved Oxygen ^{1,2,3}	mg/l		=	>5	> 5		> 5	Daily	Grab
Flow δ ^{1,3,5}	m ³ /day (MGD)	0.84	=	0.256	969.07 (0.256)		969.07 (0.256)	Continuous Recording or Estimated	
Fecal Coliforms	col/100 ml		=	Note	Note 1		Note 1	Annual	Grab
Lead ^{2,3}	µg/l	16.4	+	4.2	3.5		3.5	Monthly	Grab
Mercury ϕ ^{2,3,4}	µg/l	0.04	New	Not Included	0.012		0.012	Monthly	Grab
Oil & Grease ^{2,3}	mg/l	4.6	-	15	Note 2		Note 2	Quarterly	Grab
pH ^{2,3}	SU	7.3-7.9	=	6.0-9.0	6.0-9.0		6.0-9.0	Daily	Grab
Residual Chlorine β ^{2,3}	mg/l	2.2	=	0.50	0.50		0.50	Daily	Grab
Solids and Other Matter ^{2,3}	mg/l		New	Not Included	Note 3		Note 3	-	-
Suspended, Colloidal or Settleable Solids ^{1,2,3}	mL/L		=	Note	Note 4		Note 4	Daily	Grab
Taste and Odor-producing Substances ^{2,3}			New	Not Included	Note 5		Note 5	-	-

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Temperature ^{2,3}	°F (°C)	29.8	=	Note	Note 5			Daily	Grab
Total Ammonia ^{2,3}	mg/l	11.3	=	-	-			Monthly	Grab
Turbidity ^{2,3}	NTU		=	50	50			Monthly	Grab
Zinc ^{2,3}	µg/l	284	New	Not Included	128.30			Quarterly	Grab
Sulfide ^{2,3} λ	µg/l		=	2	2			Quarterly	Grab
Fluoride	µg/l	190	Deleted	700					
2-Methyl-4,6-dinitrophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
2-Chlorophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
2,4-Dichlorophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
2,4-Dimethylphenol ^{2,3}	µg/l		New	Not Included	-			Φ	
2,4,-Dinitrophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
2,4,6-Trichlorophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
Pentachlorophenol ^{2,3}	µg/l		New	Not Included	-			Φ	
Phenolics	µg/l		Deleted	1					

Notes:

1. The geometric mean of a series of representative samples (at least five samples), of the waters taken sequentially shall not exceed 200 colonies/100 mL. Not more than 20 % of the samples shall exceed 400 colonies/100 mL.
2. The water of Puerto Rico shall be substantially free from floating non-petroleum oils and greases as well as petroleum derived oils and greases.
3. The waters of Puerto Rico shall not contain floating debris, scum or other floating materials attributable to the discharge in amounts sufficient to be unsightly or deleterious to the existing or designated uses of the water body.
4. Solids from wastewater sources shall not cause deposition in or be deleterious to the existing or designated uses of the water body.
5. Shall not be present in amounts that will interfere with the use for potable water supply, or will render any undesirable taste or odor to edible aquatic life.
6. No heat may be added to the waters of Puerto Rico, which would cause the temperature of any site to exceed 90 °F (32.2 °C).

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 (\pm) 10%.

β See Special Conditions 7 and 8.

λ See Special Condition 11.

φ See Special Condition 12.

δ See Special Condition 13.

ϕ The permittee shall implement a monthly monitoring program using the analytical method approved by EPA with the lowest possible detection level, in accordance with Rule 1306.2(C) of the PRWQSR, as amended, for one (1) year period, after which they will be conducted annually. The monitoring program shall commence not later than thirty (30) days after the EQB's written approval of the Quality Assurance Project Plan (QAPP). The QAPP must be submitted for evaluation and approval of EQB not later than thirty (30) days after the EDP. The results of the monitoring program shall be submitted to EQB and EPA-Region 2 no later than sixty (60) days of completion of the one year monitoring program. Based on the evaluation of the results obtained, EQB will determine if an effluent limitation is necessary for this parameter. In such case, the WQC will be reopened to include the applicable effluent limitation.

Not included in the previous NPDES permit

Not included in the IWQC