

### University of Puerto Rico in Ponce



Chancellor's Office

PO Box 7186 Ponce, PR 00732 844-8181 Exts. 2201, 2202

September 28, 2016

Eng. Sergio Bosques, Regional Stormwater Coordinator United States Environmental Protection Agency Multimedia Permits and Compliance Branch City View Plaza II, Suite 7000 48 Rd. 165 Km. 2 Guaynabo, PR 00968-8069

Dear engineer Bosques:

#### Re: Notice of Intent UPR-Ponce

Enclosed is the Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) and the outfall map.

If you have any question or suggestions regarding the documents included, please contact Mrs. Celia González, Occupational Health, Safety and Environmental Officer of our institution, at 787-844-8181, Ext. 2702, or through electronic mail at celia.gonzalez@upr.edu.

Cordially yours,

Doris S. Torres-Negrón, Ed. D.

**Acting Chancellor** 

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Enclosure

c Mrs. Celia González



### Part A. General Information

1.	Name of Muni	cipality or Organization: <u>University of Pue</u>	rto Rico – Po	nce Ca	mpus			
2.	Type: O Fede	deral State Municipality (Other:						
	_University		_					
3.	Existing Permit	ttee: ( Yes  No If yes, provide EPA N	NPDES Perm	it Num	ber: <u>P R R 0 4</u>	<u>0 0 1 1</u>		
4.	Location Addre	ocation Address:						
	a. Street:	: Santiago de Los Caballeros Ave. #2151						
							-	
	b. City:	_Ponce_	State:	<u>PR</u>	Zip Code:	00716		
5.	Mailing Addres	ss:						
	a. Street:	: _PO Box 7186						
	b. City:	Ponce	State:	<u>PR</u>	Zip Code:	00732		
6.	Telephone Nur	mber: <u>(787) 844-8181 x 2200</u>	Fax:	_(787	7) 844-8707_			
7.	E-mail:	_celia.gonzalez@upr.edu						
8.	Standard Indus	strial Classification (SIC) Code (see instruction	ons for comr	non co	des): <u>8</u> <u>2</u>	<u>2 2 1</u>		
9.	•	· · · · · · · · · · · · · · · · · · ·	ngitude: (us	e the f	ormat provide	ed.)		
	Approximate c	enter of the regulated portion of the MS4.						
_1	<u>7°59</u> ′	4 2 " N (degrees, minutes, seconds)	<u>6 6°2</u>	6 ′ _2	25_″ W (de	grees, minutes,	seconds)	
		Or						
	·	N (degrees decimal)			° W (degre	es decimal)		
Part B.	Primary MS4 P	Program Manager Contact Information						
1.	Name: <u>Celia</u>	<u>Gonzalez</u>						
2	Destrict Tub	On a street Health Color and Environ						
2.	Position Title:	Occupational Health, Safety and Environ	<u>mental Offic</u>	<u>er</u>				
2	Ct a was wat a w NA	CAMBAD Lasation (CAMBAD)				LIDD	D	
3.		anagement Program (SWMP) Location (we	b address or	pnysic	ai location):	<u>UPR-</u>	Ponce	
	Campus Buildir	ng H					<u> </u>	
4	Mailine Add	_						
4.	Mailing Addres		4					
	a. Street:	: _Santiago de Los Caballeros Avenue #215	1					
	b. City:	<u>Ponce</u>	State:	<u>PR</u>	Zip Code:	_00716		

5.	Telephone Number: (787) 844-8181 ext. 2201
6.	E-mail: celia.gonzalez@upr.edu
art C	. Eligibility Determination
1.	Endangered Species Act (ESA) determination complete?
	a. Eligibility Criteria (check all that apply):
2.	National Historic Preservation Act (NHPA) determination complete?
	a. Eligibility Criteria (check all that apply):
art D	. Map/Boundaries
1.	MS4/Organization Description of regulated boundaries (narrative):
	The UPR-Ponce MS4 has three (3) sections. Section 1 has two (2) intakes of 2' X 12' and nine (9) intakes of
	2' X 4'. Section 2 has four (4) intakes of 2' X 4'. Section 3 has two (2) intakes of 2' X 12' and six (6) intakes
	of 2' X 4'. The pipeline is made of concrete with a diameter that goes from 4" up to 42". The approximate
	center of the MS4 is located at Lat. 17° 59′ 42″ and Long. 65° 36′ 25″.
2.	Location Map/Boundaries. A location map must be attached showing the pertinent city, town, wards, or
	boundaries, the boundaries of the Small MS4, including surface water body(s), and the "urbanized area" (UA)
	when applicable.
	Is map attached? Yes ONo
Pa	art E. MS4 Infrastructure (if covered under the 2006 general permit)
	1. Estimated Percent of Outfall Map Complete? (Part 4.2.3 of 2006 general permit):%
	a. If 100% of 2006 requirements are not met, enter an estimated date of completion:(MM/DD/YYYY)
	b. Web address where MS4 map is published: <a href="Paper copy of the outfall map">Paper copy of the outfall map</a> If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission.
Pa	art F. Bylaw/Ordinance Development (if covered under the 2006 general permit)
	<ol> <li>Illicit Discharge Detection and Elimination (IDDE) authority adopted? Yes No</li> <li>a. Effective Date or Estimated Date of Adoption: 05/02/2007 (MM/DD/YYYY)</li> </ol>
	<ul> <li>Construction/Erosion and Sediment Control authority adopted?</li> <li>Effective Date or Estimated Date of Adoption:06/30/2017</li> </ul>

3. Post-Construction Storm water Management adopted?

(MM/DD/YYYY)

○ Yes No

a. Effectiv	a. Effective Date or Estimated Date of Adoption: 06/30/2017 (MM/DD/YYYY)						
	urface waterbody segment	s to which your MS4 discha applicable, any impairment					
Waterbody Segment that receives flow from the MS4	Number of Outfalls into receiving waterbody segment	Have any monitoring been performed to outfalls? (Yes/No)	List of Pollutant(s) causing impairment (if applicable)	List of TMDL Pollutant (s) (if any)			
		ound within the UPR-Po		-			
or stream near the UPR-Ponce is Río Portugués at approximately 560 meters west and Rio Bucaná at approximately 550 meters east. However, surface runoff generated by the site is received by local stormwater channels constructed for the PR-14 state road bordering the southern boundary of the UPR-Ponce.							

# **United States Environmental Protection Agency**

National Pollutant Discharge Elimination System
Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

Part H. Summary of Stormwater Management Program (SWMP) under the 2006 Small MS4 General Permit For every measurable goal and associated Best Management Practice (BMP) listed in the adopted program, provide the following information (You may include additional pages):

BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
1.1-1 Community awareness about methods to prevent stormwater and surface water pollution.	Yes	Yes	Students, Faculty, administrative personnel, visitors, and concessionaires	Establish community awareness using the different means, such as: UPR Ponce homepage, social networks, and electronic mails
2.1-2 Develop a removal and cleanup campaign within the work areas to remove and properly dispose of: trash, junk, ruble and other waste that may pollute storm water.	Yes	Yes	Students, Faculty, administrative personnel, and visitors	Strengthen the participation of students' organizations
2.2-3 Development of a reforestation program.	Yes	Yes	Students, Faculty, and administrative personnel	Replace dead trees in areas where there are no electrical or plumbing infrastructure affected
2.3-4 Development of a reforestation program.	Yes	Yes	Administrative personnel	Show less ground in the sewerage in order to prevent erosion reaching the sewerage
2.4-5 Organize and develop a recycling campaign with the Recycling Committee to gather printers and photocopier toner and recycle them.	Yes	Yes	Students, faculty, administrative personnel, and visitor	Encourage the student's organizations to carry out the recycling campaign supervised by the Occupational Health, Safety and Environmental Officer

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# Part H. Summary of Stormwater Management Program (SWMP) under the 2006 Small MS4 General Permit

For every measurable goal and associated Best Management Practice (BMP) listed in the adopted program, provide the following information (You may include additional pages):

BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
3.1-6 Drainage Cleanup and Unplugging.	Yes	Yes	Personnel of the Office of Physical Resources.	Update the inspection's checklist.
3.2-7 Develop a map of the facility storm water sewer system showing the location of all outfall, inflows, manholes, and waters of the United States that receive discharges from the outfalls.	Yes	Yes	Administrative personnel, personnel of the Office of Physical Resources, local and federal agencies.	Update the outfall map.
5.5-8 Field Inspections- A field inspection Program is conducted to monitor, on a regular basis, the stormwater sewer system as well other areas where potential pollutants may be discharged into the system.	Yes	Yes	Personnel of the Office of Physical Resources; Occupational Health, Safety, and Environmental Officer.	Update the inspection's checklist.
6.1-9 Substitute chemical products for environmental friendly products.	Yes	Yes	Personnel of the Office of Physical Resources; Occupational Health, Safety and Environmental Officer.	Purchase environmental friendly products.
6.2-10 Metal Analysis Monitoring	Yes	No		The UPR Ponce does not have sources of emission exceeding permitted values of the metals monitored.

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BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
6.3-11 Modify carwash practices	Yes	Yes	Mechanic	Establish a maintenance plan for the car service areas.
6.4-12 Prohibit the above ground disposal of trash	Yes	Yes	Students, Faculty, administrative personnel, and visitors	Strengthen community awareness through different means such as: UPR Ponce homepage, social networks, and electronic messages.
6.5-13 Employee training – employees with the responsibility of managing any waste or chemical materials within the university would be trained in the implementation of pollution prevention and good housekeeping practices	Yes	Yes	Laboratory technicians from Chemistry, Biology, and research laboratories.	Review of the registries required by stormwater regulations.

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BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
6.6-14 Spill response and prevention – The UPR – Ponce will develop spill prevention control and countermeasure plans for areas where oil materials are stored, as required by 40 CFR 112.	Yes	Yes	Laboratory technicians from Chemistry, Biology, and Investigation Laboratories, and Mechanic.	Review the inspection's format.  Establish an alliance with Chemical Disposal Contractor for emergency incidents.
6.7-15 The UPR- Ponce has already implemented and will continue to implement BMPs for the Management of petroleum products and other chemicals including the provision of spill containment systems and the storage of chemical materials on protected roofed sheds or buildings.	Yes	Yes	Laboratory technicians from Chemistry, Biology, and research laboratories.	Review the inspection's checklists for the Hazardous Waste Storage Area and the Satellite Hazardous Waste Storage Areas.
6.8-16 Strengthen the implementation of the Universal Waste Management Guide.	Yes	Yes	Electrician, Mechanic, and personnel of the Office of Physical Resources.	Review inspection's checklist for the storage areas, such as: fluorescent tubes, batteries, used oil, paints, and detergents.

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BMP Description or BMP ID (e.g. MCM-1)	Goal Achieved? (Yes/No)	Continued in next permit cycle? (Yes/No)	Who was the targeted audience? Explain reason for not achieving goal.	Modification(s) to goals or BMP for next permit cycle
Construction Site Stormwater Runoff Control	Not Observable	Yes	UPR-Ponce did not perform any mayor constructions that could impact or damage any stormwater drainage. However, UPR-Ponce has BMP's regarding this goal: 2.1-2, and 3.2-7.	Develop the program.
Post-Construction Stormwater Management in a New Development and Redevelopment	Not Observable	Yes	UPR-Ponce did not perform any major construction that could impact or damage any stormwater drainage.	Develop the program.

# Part I. 2016 Stormwater Management Program (SWMP) Summary

Public Education and Outreach (See Part 2.4.2 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Education Topic (Identify the issue your BMP is educating the public about.)	Outreach Method (Describe the method used to convey this topic, e.g. mailing, events, school, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., number mailing sent, people at event, class participation, etc.)
1.1-1 Community awareness about methods to prevent stormwater and surface water pollution	Pollution, trash and stormwater	Posters Electronic mails Social networks UPR-Ponce Homepage Workshops	-Encourage the student's organizations to make flyers or signs regarding the potential impact of polluted stormwater discharges on water bodiesUse of the UPR-Ponce homepage and student organization's social networks to promote ways of preventing pollution in the stormwater systemsEnforce concessionaires to adopt recycling practicesCoordinate conferences regarding pollution and stormwaterNumber of electronic mails sentNumber of participants reached through different means.
6.5-13  Employee training – employees with the responsibility of managing any waste or chemical materials within the university would be trained in the implementation of pollution prevention and good housekeeping practices	-HAZWOPER Refresher -RECRA Refresher -Recycling of oil -Proper management of gasoline, oil, and other petroleum derivate.	Trainings Annual Refresher Revision of the Chemical Hygiene Plan	-Number of participants attending training activities -Number of trainings offered -Recycling manifests

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# Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

Public Involvement and Participation (See Part 2.4.3 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will inspire public participation, e.g. special events, volunteer sampling and monitoring efforts, household hazardous waste recycling, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., participation, amount of sampling performed, waste collected, etc.)
2.1-2 Develop a removal cleanup campaign within the work areas to remove and properly dispose of: trash, junk, ruble, and other waste that may pollute stormwater.	UPR-Ponce's staff and students' groups cleanup campaign outside the campus: beaches, rivers, parks, others.	Number of students participating in campaigns. Amount of waste collected, segregated, and recycled.
2.4-5 Organize and develop a recycling campaign with the Recycling Committee to gather printers, and photocopier toner and	Recycling Program: Establish recycling announcements by emails, UPR-Ponce website.  Support student's recycling campaign. This initiative will be sponsored by UPR-Ponce.	Amount of recycling material collected, such as: paper, plastic, metal, cardboard, toners, and electric devices.  Amount of recycling materials such as plastic and aluminum.
recycle them.	ronce.	Indicator: Recycling manifests.

Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

# Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

Illicit Discharge Detection and Elimination (See Part 2.4.4 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will identify and remove illicit connections from the MS4, e.g. new regulations, investigation practices, removal of illicit connections, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of investigation performed, identified and removed illicit connections, etc.)
3.1-6 Drainage Cleanup and Unplugging	Inspection of all campus connections with the help of the Plumber and the Mechanic.	Reassure that there are no illicit connections nor illicit discharges.
3.2-7 Develop a map of the facility stormwater sewer system showing the location of all outfall, inflows, manholes, and waters of the United States that receive discharges from the outfalls.	Revise the stormwater map.	Stormwater map revised, if necessary.
5.5-8 Field Inspections- A field inspection program is conducted to monitor, on a regular basis, the stormwater sewer system as well other areas where potential pollutants may be discharged into the system.	Inspection of all campus connections. The plumber, the Director of the Office of Physical Resources, and the mechanic will collaborate in this inspection.	Amount of inspections (checklists)

Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

### Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

Construction Site Stormwater Runoff Control (See Part 2.4.5 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will help control stormwater runoff at construction sites, e.g. new regulations, construction practices, inspection protocols, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of inspections performed and sites actively regulated, etc.)
2.1-2 Develop a removal cleanup campaign within the work areas to remove and properly dispose of: trash, junk, ruble, and other waste that may pollute stormwater.	Gather office debris, machinery that has been replaced, damaged furniture, and construction debris (if any). Classify them by trash or recycling material. Protection of stormwater drainage from debris.	Amount of inspections performed by the Director of the Office of Physical Recourses and the Occupational Health, Safety, and Environmental Officer.  Amount of material recycled.
3.2-7 Develop a map of the facility stormwater sewer system showing the location of all outfall, inflows, manholes, and waters of the United States that receive discharges from the outfalls.	Review of the stormwater sewer system map.	Stormwater sewer map reviewed, if necessary.
Contractor's involvement in the Construction Site Stormwater Runoff Control	Enforcing contractors to follow UPR- Ponce Construction Site Runoff Control Plan.	Adoption of an Ordinance establishing UPR-Ponce Construction Site Runoff Plan.  A written clause establishing that the contractors will follow the UPR-Ponce Construction Site Runoff Plan.

Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

### Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

<u>Post-Construction Stormwater Management in New Development and Redevelopment</u> (See Part 2.4.6 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will control stormwater runoff from properties after they are developed, e.g. new regulations, practices, or resources for contractors to use Low Impact Development (LID), etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., adoption of bylaws/ordinances, amount of implemented practices, development of capacity building resources, etc.)
5.5-8 Field Inspections- A field inspection program is conducted to monitor, on a regular basis, the stormwater sewer system as well other areas where potential pollutants may be discharged into the system.	To develop, implement, and enforce a program to address discharges of post-construction stormwater from new development and rebuilding projects.	Adoption of bylaws/regulations. Amount of inspections performed.

Notice of Intent (NOI) for coverage under the Small Municipal Separate Storm Sewer System (MS4) General Permit (PRR040000) for Puerto Rico

### Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

<u>Good Housekeeping and Pollution Prevention in Municipal Operations</u> (See Part 2.4.7 for detailed information of required BMPs):

BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties ort through municipal activities, e.g. installation of structural stormwater controls on the municipal properties, new practices to reduce pollutant exposure to rain events, runoff management, trainings, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., structural BMPs installed, SOPs developed and implemented, etc.)
6.1-9 Substitute chemical products for environmental friendly products	Maintenance Staff's Training: Proper Handling and Disposal Products.  Orientation about the benefits of using environmental friendly products	Number of participants attending the trainings  Purchase orders of environmental friendly products
6.3-11 Modify carwash practices	Carwash Practices Plan	Carwash SOP's implementation
6.4-12	To place signs in all places identified as	Number of signs installed
Prohibit the above ground disposal of trash	Posting messages (reminders) in the UPR-Ponce' electronic mail, social networks, and website	Electronic mails sent to the community

# Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

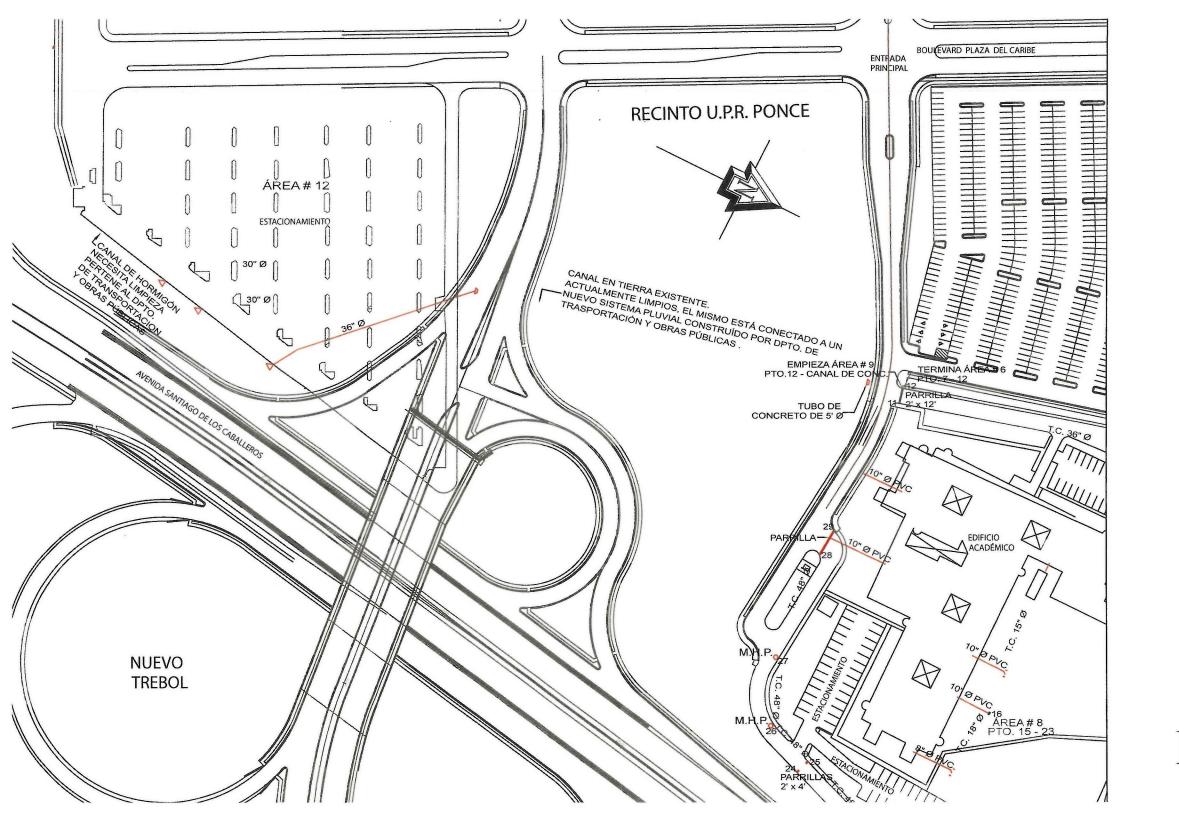
Good Housekeeping and Pollution Prevention in Municipal Operations (See Part 2.4.7 for detailed information of required BMPs):

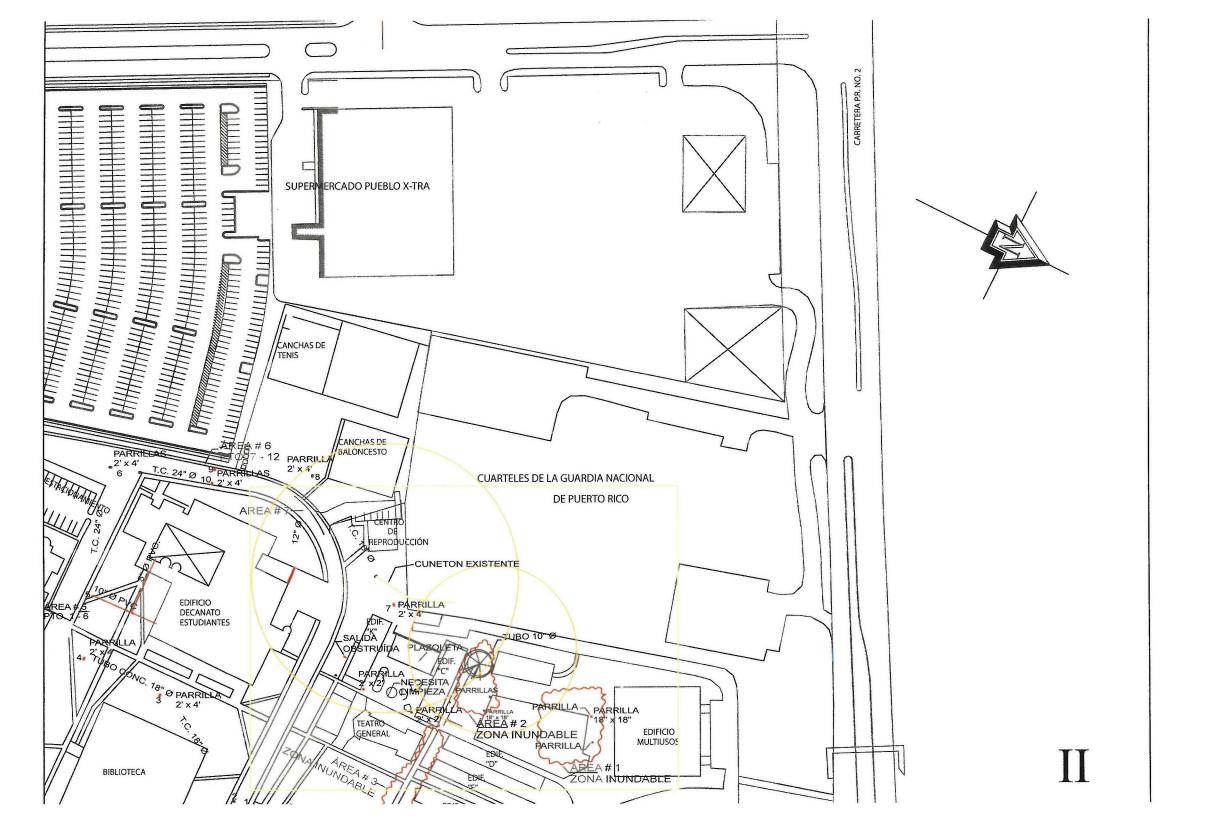
BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties ort through municipal activities, e.g. installation of structural stormwater controls on the municipal properties, new practices to reduce pollutant exposure to rain events, runoff management, trainings, etc.)	Measurable Goal (What is the end result of this program? What indicator will determine the goal has been met? (e.g., structural BMPs installed, SOPs developed and implemented, etc.)
6.7-15 The UPR- Ponce has already implemented and will continue to implement BMPs for the Management of petroleum products and other chemicals including the provision of spill containment systems and the storage of chemical materials on protected roofed sheds or buildings.	Review the BMP's Management of Petroleum Products and Other Chemicals	UPR-Ponce Administrative Board Approval
6.8-16	Review the Universal Waste	Certification of the UPR-Ponce
Strengthen the implementation of the	Management Guide.	Administrative Board Approval of the implementation of the Universal Waste
Universal Waste Management Guide.		Management Guide.

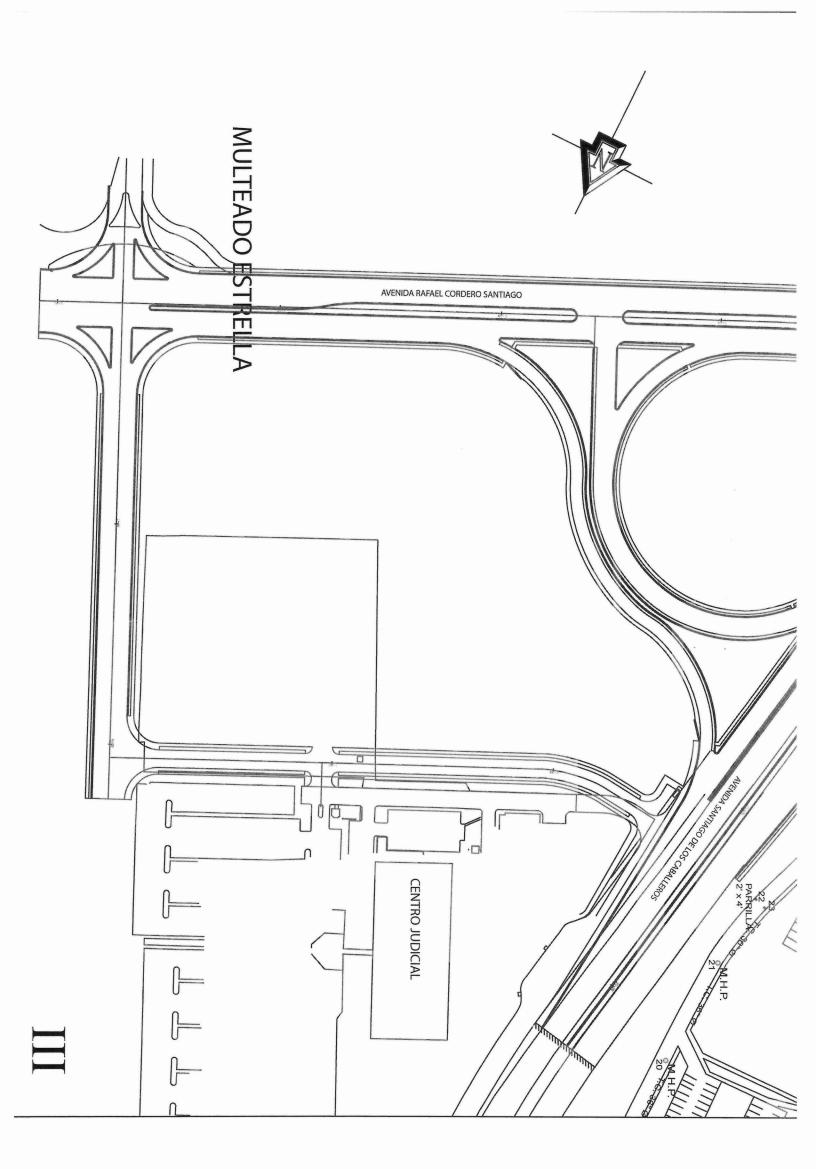
Part J. Application Certification and Signature

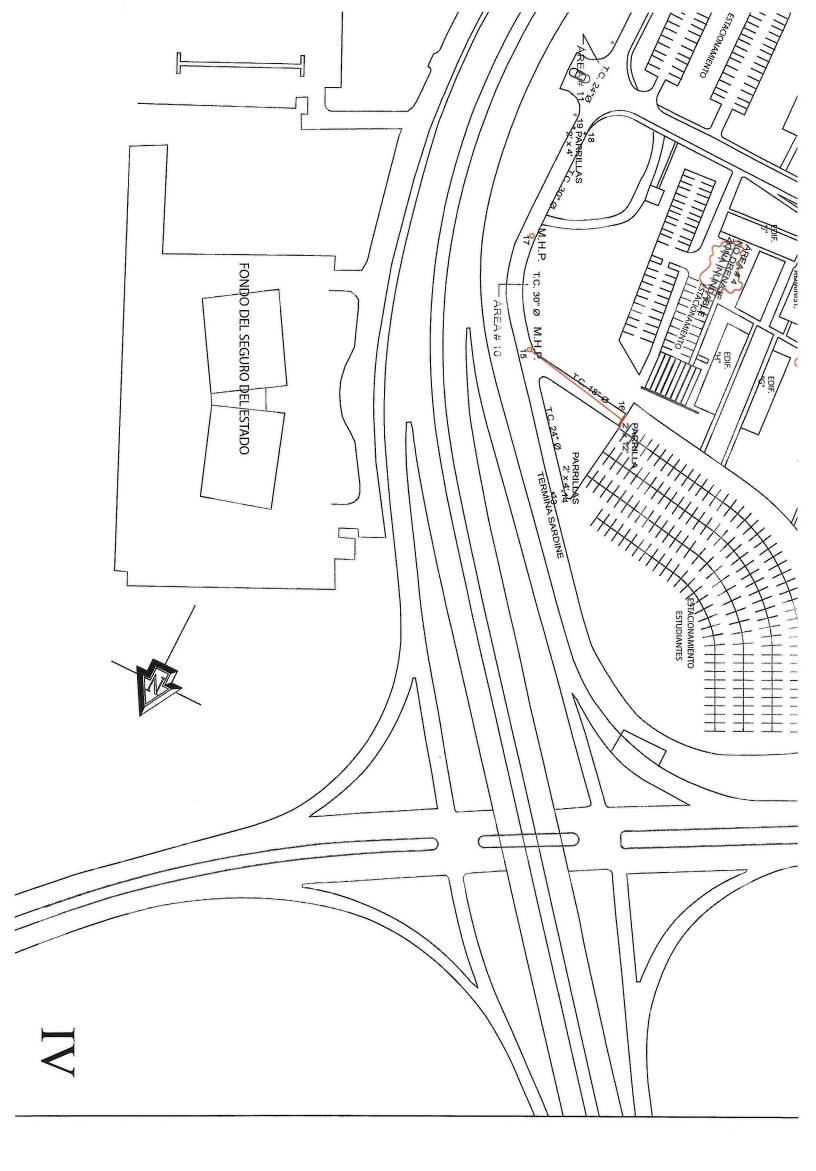
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

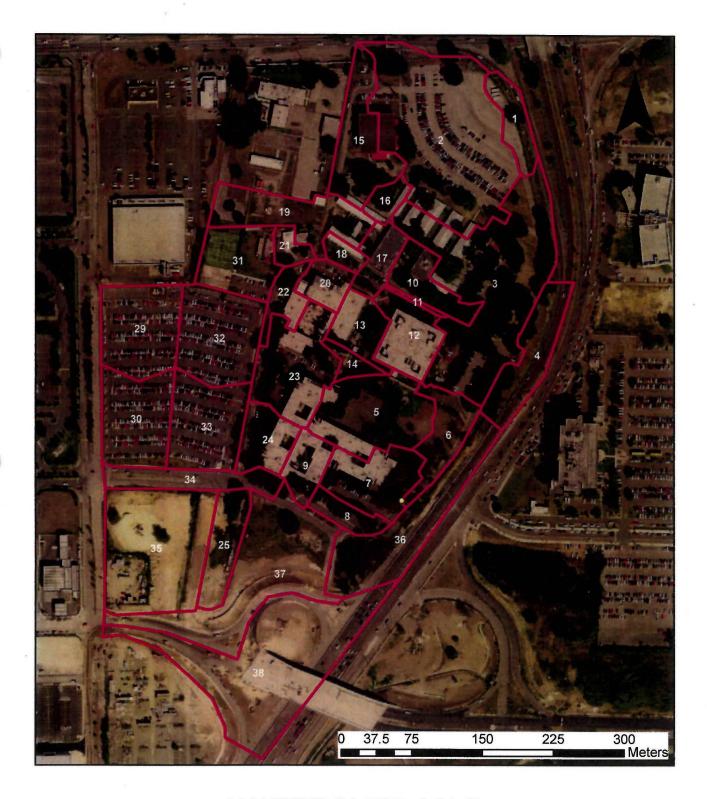
Signature of Mayor/Elected Official:  Nous A. Jour Region				
Print Name of Mayor/Elected Official:				
Doris S. Torres-Negrón, Ed. D.				
Title: Acting Chancellor	Date:	September	28, 20	16











# WATERSHED MAP

Storm-Water Management Analysis for the University of Puerto Rico, Ponce Campus