Universidad de Puerto Rico
RECINTO UNIVERSITARIO DE MAYAGÜEZ
Decanato de Administración
Oficina de Salud, Seguridad Ocupacional y Ambiental
CALL BOX 9000
Mayagüez, Puerto Rico 00681-9000

University of Puerto Rico
MAYAGÜEZ CAMPUS
Dean of Administration
Environmental Health and Safety Office
CALL BOX 9000
Mayagüez, Puerto Rico 00681-9000

September 29, 2016

CERTIFIED MAIL
RETURN RECEIPT REQUEST

RECEIVED 09/29/2016

Eng. Sergio Bosques
United States Environmental Protection Agency
EPA Region 2- Caribbean Environmental Protection Division
City View Plaza II – Suite 7000
48 Rd. 165 Km. 1.2
Guaynabo, Puerto Rico 00968

Re: Notice of Intent - University of Puerto Rico, Mayaguez Campus
General Permit for Stormwater Discharges from Small MS4's
Permit No. PRR040000

Dear Eng. Bosques:

The University of Puerto Rico, Mayaguez Campus hereby includes a Notice of Intent ("NOI") to obtain coverage under the above referenced General Permit for Stormwater Discharges from Small MS4's issued by the Environmental Protection Agency ("EPA"). The referenced permit was issued on May 18, 2016 and became effective on July 1, 2016. Pursuant to the permit, subject facilities where required to file a NOI no later than September 29, 2016.

If you should have any questions or need additional information regarding this matter, do not hesitate to contact the undersigned at (787) 832-4040 ext. 3506.

Cordially,

Maria I. Fernandez, ME, EIT
Director
Environmental, Health and Safety Office
University of Puerto Rico Mayaguez Campus

Attachment

c: John Fernandez Van Cleve, Chancellor

PATRONO CON IGUALDAD DE OPORTUNIDADES EN EL EMPLEO M/F/V/I
AN EQUAL OPPORTUNITY EMPLOYER - M/F/V/H

Part A. General Information

1. Name of Municipality or Organization: University of Puerto Rico – Mayaguez Campus
2. Type: ◯ Federal **X** State ◯ Municipality Other: _____
3. Existing Permittee: **X** Yes ◯ No If yes, provide EPA NPDES Permit Number: PRR040010
4. Location Address:
   a. Street: 269 Ave. Alfonso Valdes
   b. City: Mayaguez State: PR Zip Code: 00681
5. Mailing Address:
   a. Street: Call Box 9000
   b. City: Mayaguez State: PR Zip Code: 00681
6. Telephone Number: 787-832-4040 ext. 2020 Fax: 787-265-3869
7. E-mail: rector.uprm@upr.edu
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 8221
9. Latitude: (use the format provided.) Longitude: (use the format provided.)
   Approximate center of the regulated portion of the MS4.

18 ° 13 ′ 07 ″ N (degrees, minutes, seconds) 67 ° 08 ′ 38 ″ W (degrees, minutes, seconds)

Or

___ ___. ___ ___ ___ ___° N (degrees decimal) ___ ___. ___ ___ ___ ___° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: Maria I. Fernandez
2. Position Title: Director, EHS Office
3. Storm Water Management Program (SWMP) Location (web address or physical location):

   To those EHS Office / www.uprm.edu
4. Mailing Address:
   a. Street: Call Box 9000
   b. City: Mayaguez State: PR Zip Code: 00681
5. Telephone Number: 787-832-4040 ext. 3506
6. E-mail: ossoa@uprm.edu

Part C. Eligibility Determination

1. Endangered Species Act (ESA) determination complete? **X** Yes ◯ No
   a. Eligibility Criteria (check all that apply): ◯ A ◯ B ◯ C ◯ D **X** E
2. National Historic Preservation Act (NHPA) determination complete? **X** Yes ◯ No
   a. Eligibility Criteria (check all that apply): **X** A ◯ B ◯ C ◯ D

Part D. Map/Boundaries

1. MS4/Organization Description of regulated boundaries (narrative): The University of Puerto Rico Mayaguez Campus is one of eleven campuses that make up the public higher education system of Puerto Rico. The University is overseen by a Board of Trustees and is

headed by a President. Each campus has a Chancellor, which is responsible for all affairs on campus. UPRM is an internationally recognized public teaching and research institution. There are over 40 structures located within the Mayaguez Campus. The campus comprises the Colleges of Engineering, Arts and Sciences, Agriculture and Business Administration. The campus is located east of State

Highway 2, and is generally bounded by State Road 108 to the east, State Highway 2 and Ramon Emeterio Betances Street to the west, the Alzamora Farm to the north, and Ramon Emeterio Betances to the south.

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. v

   Is map attached? **X** Yes (See Appendix A) ◯ No

Part 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*): 95 %
   a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 09/30/2017 (MM/DD/YYYY)
   b. Web address where MS4 map is published: unavailable on the internet at this time
   If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission. *

*Note: Outfall Map is included in Appendix B.

Part F. Bylaw/Ordinance Development (if covered under the 2006 general permit)

1. Illicit Discharge Detection and Elimination (IDDE) authority adopted? ◯ Yes **X** No
   a. Effective Date or Estimated Date of Adoption: 12-31-16 (MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted? ◯ Yes **X** No
   a. Effective Date or Estimated Date of Adoption: 12-31-16 (MM/DD/YYYY)
3. Post-Construction Storm Water Management adopted? ◯ Yes **X** No
   a. Effective Date or Estimated Date of Adoption: 12-31-16 (MM/DD/YYYY)

Part G. Receiving Waters

List the names of all surface waterbody segments to which your MS4 discharges. For each waterbody segment, please report the number of outfalls discharging into it and, if applicable, any impairments. You may attach additional information.

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)
Quebrada de Oro	17	No	n/a*	n/a*
Rio Yaguez	3	No	Coliforms Turbidity	Fecal coliform

***After revision of Appendix I – 2014 Cycle 303(d) List, Evaluation and Strategic Planning Area, Puerto Rico Environmental Quality Board.**

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
MCM-1 Public Education & Outreach				
1.1. Develop and distribute stormwater pollution prevention educational materials for faculty, staff and students.	YES First version of SWPP educational materials – hardcopy, website; Brochures: *Guia Basica de Respuesta a Derrames y Aguas de Escorrentia.*	YES	Staff, faculty, students	No
1.2. Develop stormwater pollution prevention information for general public	YES First version of SWPP educational materials; distribution of 1000 brochures: *Guia Basica de Respuesta a Derrames y Aguas de Escorrentia.*	YES	Community	No
1.3/1.7/1.10 Develop Public Education and Outreach Performance Metrics	NO	YES	Lack of resources.	Develop performance metrics.

1.4. Revise and distribute educational material to faculty, staff, students and general public.	YES A document titled "Programa de Manejo de Escorrentia"was sent to 700 professors. Educational materials made available online.	YES	Community, Staff, Faculty, Students	Educational materials will be revised and updated as necessary.
1.5. Revise and post storm water pollution prevention information.	YES Educational materials made available online. During Year 3, a video titled "Escurrimiento de Aguas Pluviales, Yo Puedo Hacer la Diferencia" was published on the program's website. A televised interview was transmitted on WORA TV.	YES	Community, Staff, Faculty, Students	Educational materials will be revised and updated as necessary.
1.6. Develop storm water pollution prevention outreach activities with neighboring community.	YES During Year 2, the following activities took place: 1. "Cinco Dias con Nuestra Tierra", April 2008 2. "Recogido de Desperdicios Electronicos", April 2008	YES	Community	Outreach activities will continue.

1.8. Distribute educational material to personnel, students and public.	YES	YES	Staff, Faculty, Students	No
1.9. Sponsor and/or participate in storm water pollution prevention events such as campus cleanups.	YES	YES	Community, Staff, Faculty, Students	No
1.11. Continue sponsoring and/or participating in storm water pollution prevention events such as campus clean-ups	YES	No	Community	This BMP will be eliminated because it is duplicative of BMP 1.9 above.
1.12. Outreach to faculty/academic programs for possible guest lecture opportunities.	YES	YES	Students	No
1.13. Write articles on stormwater program for campus publications and newsletters.	YES	YES	Community, Staff, Faculty, Students	No

1.14. Include educational information in new student and new employee orientation packets.	YES	YES	Students	No
1.15. Give guest lectures on stormwater runoff impacts/pollution prevention at community events	YES	YES	Community	No
MCM-2 Public Involvement & Participation				
2.1. Establish on-going stormwater working group and conduit for public comment.	YES A letter from the Chancellor was sent to the UPRM Environmental Management Program to coordinate joint storm water pollution prevention efforts.	NO A different approach to gather public commentary will be considered.	Community.	No
2.2. Establish rapport with the campus Office of Water Programs and explore opportunities for future joint venture projects/events	YES A letter from the Chancellor was sent to the Water Resources and Environmental Research Institute of PR to establish a collaboration agreement for implementation of SWMP and to coordinate joint storm water pollution prevention efforts.	YES		No

2.3. Establish and maintain working relationship with the joint City Storm Water Program	YES A letter was sent to the Mayor of the Municipality of Mayaguez to notify the appointment of a UPRM liaison to coordinate joint storm water pollution prevention efforts between UPRM and the Municipality.	YES	Municipality of Mayaguez	Efforts to establish and maintain collaboration with the Municipality of Mayaguez will continue.
2.4. Make copies of the SWMP available at EH&S office.	YES A copy of the SWMP was available at the Environmental Health and Safety Office immediately after filling SWMP at EPA. On October 2007, an electronic version of the SWMP was available at http://www.uprm.edu/manejodeaguas	YES	General Public, Staff, Faculty, Students	No
2.5. Place e-mail link on EH&S website to report storm water pollution concerns.	Yes A reporting mechanism was added to the UPRM website at: http://www.uprm.edu/manejodeaguas	YES	General Public, Staff, Faculty, Students	Reporting system will be improved and communicated to the campus community.

2.6. Attend storm water workshops to learn about BMP'S	YES Workshop: "Feria de Reciclaje" (30,000 pounds of electronic equipment). Campus workshop: Development of New Storm Water Map (Phase I) by survey Class Students (INCI4018). External training: Spill Prevention Control & Counter Measure Plan and Storm Water Pollution Prevention Plan (SWPPP) Awareness Training.	YES	Faculty, staff, students	No
2.7. Develop Public Involvement and Participation Performance Metrics	NO	YES	Lack of resources.	Develop performance metrics for next permit cycle.
2.8. Develop working relationship with campus community environmental event organizers.	YES	YES	Community	Strengthen and continue these relationships.

2.9/ 2.13 / 2.16 / 2.19 Convene campus storm water working group.	YES During Year 2, the following activities were held: 1. "Cinco dias con nuestra tierra" 2. "Recogido de desperdicios electronicos" The purpose of these activities was to educate student environmental organizations. During Year 3, a conference with students was held on Figueroa Chapel Theater. Also, a collaboration between the storm water working group and the Environmental Management System Office on campus was reached in which storm water training would be incorporated to laboratory training.	YES	Students and Staff	No
2.10. Use media and publications to promote program and participation.	YES During Year 2, the Dean of Administration sent a campus wide email promoting the program.	YES	Community	Review and update as necessary. Include new media outlets (e.g. social media).

2.11 / 2.14 Deploy and improve Public Involvement and Participation Performance Metrics	NO	YES	Community	Performance metrics will be developed.
2.12. Participate in campus storm water pollution prevention event(s).	YES	YES	Community, Staff, Faculty, Students	No
2.15 / 2.17 Organize and sponsor campus volunteer cleanup event.	YES On April 24, 2010 a Recycling Activity was held.	YES	Community	No
2.18. Participate in campus storm water pollution prevention events	YES	NO	Community, Staff, Faculty, Students	This BMP is duplicative of BMP 2.12 above.
MCM-3 Illicit Discharge Detection and Elimination Program				
3.1. Locate all the storm water inlets, outfall & storm drain sumps	YES Survey Class Students (INCI4018) developed a New Storm Water Map (Phase I).	YES	Community	Revision of Storm Water Map during next permit cycle.

3.2. Develop UPRM Storm water Institutional Rules and Regulations 1st version	NO	YES	Community, Staff, students	Some form of internal legal authority will be pursued.
3.3. Develop Outfall Discharge Visual Inspection and Dry Weather Visual Monitoring Program	NO Visual inspections and dry weather monitoring were conducted periodically, but a formal program was not developed.	YES	Lack of resources.	A formal system will be established.
3.4. Locate Problem Areas	YES For Phase I, the following illicit discharges were detected and corrected: 1. Stefanie's Building - Basement 2. Chardon's Building - Janitor Room 3. Building & Grounds – Faculty Lounge 4. Parking Lot 5. Car Wash Areas 6. Parking – White Ares 7. Green House Areas	YES	Staff	Identification of problem areas will continue during the next permit cycle.

3.5. Review and update campus notification system for sewage spills and other non-storm water discharges.	YES A reporting mechanism was added to the UPRM website at: http://uprm.edu/manejodeaguas	YES	General Public	System will be revised and improved as needed.
3.6. Develop Illicit Discharge correction plan	YES A correction plan was developed for illicit discharges identified in areas covered by Phase I.	YES	Staff	No
3.7. Develop a storm water system maintenance plan	YES A "Storm Water System Maintenance Plan" was developed.	YES	Staff	Storm Water System Maintenance Plan will be revised and improved as needed.
3.8. Evaluate potential sources of pollutants by activity	YES Development of the following documents: "Lista de Fuentes Potenciales, Actividades y Contaminantes de Aguas de Escorrentía" / "Grupos de Personas Relacionadas con las Actividades Potenciales de Contaminantes"	YES	Staff	No
3.9. Develop illicit Discharge Prevention Education Program Materials	YES Development of materials and acquisition of educational videos.	YES	Staff, Faculty, Students	Revise and update materials.

3.10. Train UPR Mayaguez Community about Illicit Discharges	YES In the first year, 1,200 staff/faculty/personnel received training related to illicit discharge detection and prevention.	YES	Staff, Faculty, Students	No
3.11 / 3.21 / 3.29 Develop Illicit Discharge Control Performance Metrics	NO	YES	Lack of resources.	Performance metrics will be developed.
3.12 / 3.22 / 3.30 Locate all the storm water outlets, storm drain sump	YES During Year 2, Phases II and III were added to the map.	YES	Staff, community	Storm Water Map will be revised and updated during next permit cycle.
3.13. Develop UPRM Storm Water Institutional Rules and Regulations final version	NO During Year 3, a draft document titled "Ordenanza Universitaria" was prepared and submitted for the Administration's approval.	YES	Community	Interpretative letters will be issued by management to address MS4 compliance topics.

3.14 / 3.25 Develop Outfall Discharge Visual Inspection and Dry Weather Visual Monitoring Program	YES On Year 2, a Draft Inspection Report was prepared. On Year 3, a Site Inspection Report was made. On Year 4, a monitoring program in was established. (A formal program was discontinued due to issues with personnel. However, employees were instructed and continue to report discharges during dry weather, if any.)	YES	Staff, community	No. A formal program will be developed.

3.15 / 3.23 / 3.31 Locate Problem Areas using Inspection System	YES On Year 2, the following sources of illicit discharges were located: 1. Civil Engineering Building (Phase II) 2. Chemistry Building (Phase II) 3. Building and Grounds painting area (Phase II) 4. Monzon Building (Phase I) Design and development of structural BMPs por these buildings (Phase II) was undertaken. On Year 4, Inspection of Phase V was completed.	YES	Staff, community	No
3.16 / 3.24 Implement and improve a storm water system maintenance plan	YES	YES	Staff	Revise and improve storm water system maintenance plan.
3.17. Review and update campus notification system for sewage spills and other non-storm water discharges.	YES	YES	Community	Educate the community so more information is received through the system.

3.18 / 3.26 / 3.32 Develop and implement Illicit Discharge correction Plan	YES During Year 2, • implementation of correction plan for Phase I took place • correction plan for Phase II was developed During Year 3, Phases IV and V were inspected. During Year4, • inspection of Phases IV and V was done • implementation of correction plan for Phases II, III, IV and V were completed	YES	Staff	No. Identification and correction of illicit discharges will continue.
3.19 / 3.27 Develop illicit Discharge Prevention Education Program Materials	YES Development of materials and acquisition of educational videos.	YES	Staff, Faculty, Students	Revise and update materials.
3.20 / 3.28 Train UPR Mayaguez Community about Illicit Discharges	YES	YES	Community	No
3.33. Finalize UPRM Storm Water Map	YES (95%)	YES	Staff, community	No
MCM-4 Construction Site Storm Water Runoff Control				

4.1. Review and evaluate construction contract sediment and erosion control BMP specifications and site pollution control requirements.	YES UPRM construction contracts have been modified to include specific clauses requiring compliance with State and Federal Regulatory Provisions and permits related to storm water protection and erosion control.	YES	Staff, Contractors	No
4.2. Review and evaluate construction contract sanctions/penalties for violations of storm water sediment and erosion runoff controls.	NO	NO	Although, in the first year, UPRM contracts were revised to include storm water and erosion control provisions, internal sanctions/penalties were not considered.	No
4.3. Review and evaluate construction site inspection procedures for BMPs, develop inspection protocol	YES	YES	In the first year, UPRM was still developing a construction site inspection protocol.	

4.4. Develop training for construction project managers/inspectors.	YES Development and Acquisition of educational videos. During Year 1, training was given to three inspectors and one project manager.	YES	Construction project managers/ inspectors.	Training materials will be revised and training efforts ongoing.
4.5. Develop training for contractors and subcontractors.	YES Development and acquisition of educational videos.	NO	UPRM contractors and subcontractors.	Training materials will be revised and training efforts ongoing.
4.6. Develop Construction Site Storm Runoff Control Performance Metrics.	NO	YES	Lack of resources.	Performance metrics will be developed.
4.7. Develop a campus policy statement regarding storm water runoff controls for construction sites.	YES	NO	Contractors	Interpretative letter will be issued by management to address MS4 compliance by contractors.

4.8. Develop formal review procedures and checklists to document site plan, including pollutant source assessment for preconstruction campus site plan and BMP review	YES During Year 2, the draft of a Construction Inspection Report was prepared.	YES	Contractors	Monitor implementation.
4.9. Incorporate construction sanctions/penalties where needed in construction contract language.	NO Compliance with applicable state and federal regulations will continue to be monitored.	NO	Administrative implementation issues.	Yes. Focus will be on inspection, prevention and compliance rather than imposition of penalties.
4.10. Include revised storm water BMP specifications in large construction projects with the potential to impact water quality.	YES	YES	Contractors	Monitor compliance with NPDES Construction General Permit for all construction projects.

4.11. Train project managers and inspectors on the campus storm water policy and how the procedures will be incorporated into the construction project planning and contract development.	YES During Year 2, a second meeting was scheduled for contractors. During Year 3, contractors and inspectors of construction projects received and orientation and watched the video titled: Pollution Prevention, Reducing Waste in the Workplace.	YES	Project Managers, Inspectors	No
4.12. Train contractors and subcontractors at preconstruction meetings regarding storm water issues related to the job site and the Storm Water Pollution Prevention Plan (SWPPP) for the construction project.	YES During Year 3, contractors and inspectors of construction projects received and orientation and watched the video titled: Pollution Prevention, Reducing Waste in the Workplace.	YES	Contractors	Monitor compliance with NPDES Construction General Permit.

4.13 / 4.20 Develop construction site inspection procedures.	YES During Year 2, a Draft Inspection Report was prepared.	YES	Staff, contractors	Continue implementation of inspection procedures.
4.14 / 4.18 Deploy and improve Construction Site Storm Runoff Control Performance Metrics	NO	YES	Lack of resources	Develop performance metrics.
4.15. Incorporate pollutant source assessment into preconstruction campus site plan and BMP review process.	YES	YES	Staff	Monitor compliance.
4.16. Implement campus BMP enforcement procedures and responsibilities.	NO During Year 3, a draft document titled "Ordenanza Universitaria" was prepared and submitted for the Administration's approval.	YES	Community	Interpretative letters will be issued by management to address MS4 compliance topics

4.17 / 4.24 Implement construction site inspection procedures	YES A monthly inspection report must be submitted by contractors and inspectors (Construction Inspection Report) for projects on campus.	YES	Contractors	No
4.19. Include storm water specifications in smaller projects (less than $50,000) including Physical Plant, and other departments' minor construction activities.	YES The document titled Storm Water Most Used BMPs on Sites Reports Books" is used to choose adequate BMPs even in smaller projects.	YES	Contractors	Monitor appropriate of BMPs.
4.21 / 4.25 Conduct pollutant source assessment during site plan and BMP review.	YES	YES	Staff, contractors	No

4.22 / 4.23 Develop standard procedures to receive and respond to public and/or campus reporting/incidents regarding storm water runoff impacts from construction sites.	YES An online tool is available to report incidents regarding storm water runoff impacts from a construction site (among others). Personnel from the Grounds and Building Department and/or EHS office personnel will address the situation.	YES	Staff	No
MCM-5 Post Construction and Re-Development Storm Water Program				
5.1 Review and evaluate current procedures for developing structural and non-structural post construction BMPs for both new development and redevelopment projects.	YES	YES	Staff, contractors	No

5.2 Review current procedures for transitioning responsibility of BMPs from construction phase into long term maintenance.	YES During Year 1, the following projects were reviewed: 1. Faculty Offices 2. Juegos Centroamericanos 3. Central Energy Plan 4. MUSA 5. Luis De Celis Building	YES	Staff, contractors	No
5.3 Develop training for construction project managers/inspectors.	YES Development of training materials and acquisition of educational videos.	YES	UPRM construction project managers/inspectors	Training materials will be revised and training efforts ongoing.
5.4 Develop training for contractors and sub-contractors.	YES Development of training materials and acquisition of educational videos.	YES	UPRM contractors and sub-contractors	Training materials will be revised and training efforts ongoing.
5.5 Develop Post Construction Storm Water Control Performance Metrics	NO	YES	Lack of resources.	Performance metrics will be developed.

5.6 Develop a campus policy/enforcement program regarding post-construction storm water controls for new development and redevelopment project sites.	YES During Year 2, a policy on post-construction controls was developed.	YES	Staff, contractors	Monitor implementation of policy.
5.7 Develop standard specifications for selected structural and nonstructural post-construction BMPs.	YES During Year 2, structural and non-structural post-construction BMPs for new developments was developed.	YES	Staff, contractors	Monitor implementation.
5.8 Develop procedures to incorporate inspection of new development and redevelopment project facilities into overall campus storm water inspection program.	YES During Year 2, a Draft Inspection Report for inspection of new developments was developed.	YES	Staff, contractors	Monitor implementation.

5.9 Deploy and Improve Post Construction Storm Water Control Performance Metrics	NO	YES	Staff, contractors	Develop performance metrics.
5.11 / 5.17 Provide training for construction staff on post-construction BMP site planning, design, implementation, and inspection/enforcement protocols.	YES On Year 3, contractors participated on a storm water workshop. They also received instruction to submit a monthly inspection report.	YES	Contractors	No
5.12 Develop procedures for a post-construction audit of the effectiveness of structural and nonstructural BMP's.	YES On Year 3, an Inspection Report was required of contractors on construction projects.	YES	Contractors, Staff	No

5.13 Develop procedures for longterm operation and maintenance of BMPs, including inspection program for long-term operation and maintenance of BMPs.	YES On Year 3, an Operation and Maintenance Manual was completed.	YES	Staff	No
5.15 Implement inspection and enforcement program for postconstruction structural and nonstructural BMP's.	YES	YES	Staff	Strengthen program.
MCM-6 Pollution Prevention and Good Housekeeping				

6.1 Review and evaluate Best Management Practices (BMPs) for major campus physical operations (grounds; facilities maintenance; physical plant/utilities; services).	YES BMPs were developed for the following: 1. Manejo de desperdicios solidos 2. Programa de mantenimiento de tuberias pluviales 3. Plano de líneas sanitarias del Recinto y lista de edificios 4. Manejo y corte de áreas verdes	YES	Staff	No
6.2 Develop a multi-level training program for Facilities Management staff.	YES	YES	Staff	Review and update training materials as necessary. Training is ongoing.
6.3 / 6.11 Create a maintenance schedule for periodic cleaning of storm water system sump grates.	YES A Storm Water System Maintenance Program was developed.	YES	Staff	Review program and make adjustments as necessary.

6.4 Develop Pollution Prevention/Good Housekeeping for Facilities Operation and Maintenance Performance Metrics	NO	YES	Lack of resources.	Performance metrics will be developed.
6.5 Begin implementation of the Storm Water Pollution Prevention Plan (SWMP) for major campus physical operations.	YES	YES	Staff	No
6.6 Select appropriate BMPs for major campus physical operations and use them as the basis to develop a Storm Water Pollution Prevention Plan (SWMP) for major campus physical operation.	YES A Storm Water Management Program, that includes, major physical operations is available.	YES	Staff	Monitor implementation of the Program.

6.7 Continue to develop the multi-level training program on the sources of storm water pollution and how to implement selected BMPs	YES Training at all levels is a continuous effort.	YES	Staff, community	Continue training efforts.
6.8/6.11/6.12/6.15/ 6.19 Implementation of the cleaning program.	YES During Year 2, the following programs were developed and/or improved: 1. Recycling Program 2. Maintenance of storm water System and sump grates. 3. Installation of oil drain guards in parking lot areas Cleaning program has continued.	YES	Staff, community	Monitor implementation.
6.9 / 6.14 / 6.17 Implementation of the multilevel storm water training program.	YES During Year 3, 160 employees 5 from the Ground and Buildings Department were trained. Training has continued.	YES	Staff	No

6.10 / 6.13 / 6.18 Develop an inspection program for compliance with BMPs.	YES On Year 3, a Site Inspection Report was already implemented.	YES	Staff	No
6.16 Continue implementation of SWMP with selected operational BMPs.	YES	YES	Staff	No

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	Erosion Control Information	Training, events	No. of conservation practices implemented No. of participants at event
1.2	Maintenance of Parking Lots	Training, events, mailings	No. of mailings sent No. of participants at event
1.3	Fertilizer and Pesticide Application	Training	No. of Personnel trained
1.4	Proper storage of chemicals and disposal of hazardous wastes	Training, mailings	No. of laboratory personnel trained.
1.5 Storm Drain Stenciling Program	Non-Point Sources and Illegal Discharges	Storm Drains Stenciling	Number of storm water inlets painted and volunteers participating. The target is to have all drains marked on yearly basis

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	Public Notification of SWMP	No. of mailings sent Type and number of media used (email, social media, printed material)
2.2	Notification to campus student's organizations	List of organizations contacted about SWMP
2.3	Recycling event	No. of participants Amount of recycling material collected.
2.4	Campus Clean up events	No. of participants Amount of recycling material collected.

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 indentify 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	Complete Storm Water System Map	Map available on the campus' website.
3.2	Issuance of an Interpretative Letter addressing the prevention of illegal discharges from different campus operations. Letter will describe specific campus operations were potential illegal discharges have been identified during the past permit cycle.	Issuance of Interpretative Letter by 12-31-16.
3.3	Illicit Discharge Education Program	No. of reports received
3.4	Inspection / correction Program • Outfall monitoring	Removed connections.

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):

MP 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.)
4.1	Implementation and Adoption of an Interpretative letter for contractors to comply with the NPDES-MS4 permit, and the CES Plans. Personal and electronic distribution among contractors during contract signature process.	Number of actions taken by the Administration.
4.2	Requirements for contractors • monthly Inspection Report	Number of reports received.
4.3	Site Inspection Protocol	Amount of inspections performed.
4.4	Educational program • for the public (identify and report issues during construction activities) • for contractors	• number of reports submitted by the public • number of contractors trained

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

Post-Construction Stormwater Management in New Development and Redevelopment (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.)
5.1	Implementation and Adoption of an Interpretative letter **regarding post-construction measures in** NPDES-MS4 permit. Personal and electronic distribution among contractors and appropriate campus staff.	Assure that new construction and re-construction or remodeling of existing buildings comply with post-construction measures in NPDES-MS4 permit.
5.2	Requirements for contractors • implementation of structural and non-structural BMPs	Amount of implemented practices.
5.3	Educational Program • for staff – monitoring and maintenance of BMPs	No. of staff education workshops.

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.)
6.1	Training program • staff • students	No. of participants.
6.2	Inspection and Monitoring of maintenance areas, storage yards, etc.	No. of inspections.
6.3	Maintenance / Clean-up Schedule of sump grates	% completion
6.4	Develop standard operating procedures that incorporate storm water BMPs	No. of SOPs developed.

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: _____

Print Name of Mayor/Elected Official: John Fernández Van Cleve

Title: Chancellor - UPR-M Date: September 29, 2016

Appendix A

Location Map / Boundaries

DRAWN					
CHK					
ENG					
APVD	NO.	DATE	ISSUED FOR REVISION REVISION	BY	APVD

Plan de Manejo de Escorrentía Pluvial

Preparado por:
Instituto de Investigaciones Sobre Recursos de Agua y el Ambiente de Puerto Rico

Preparado para:
Edificios y Terrenos UPRM

UNIVERSIDAD DE PUERTO RICO
RECINTO DE MAYAGÜEZ

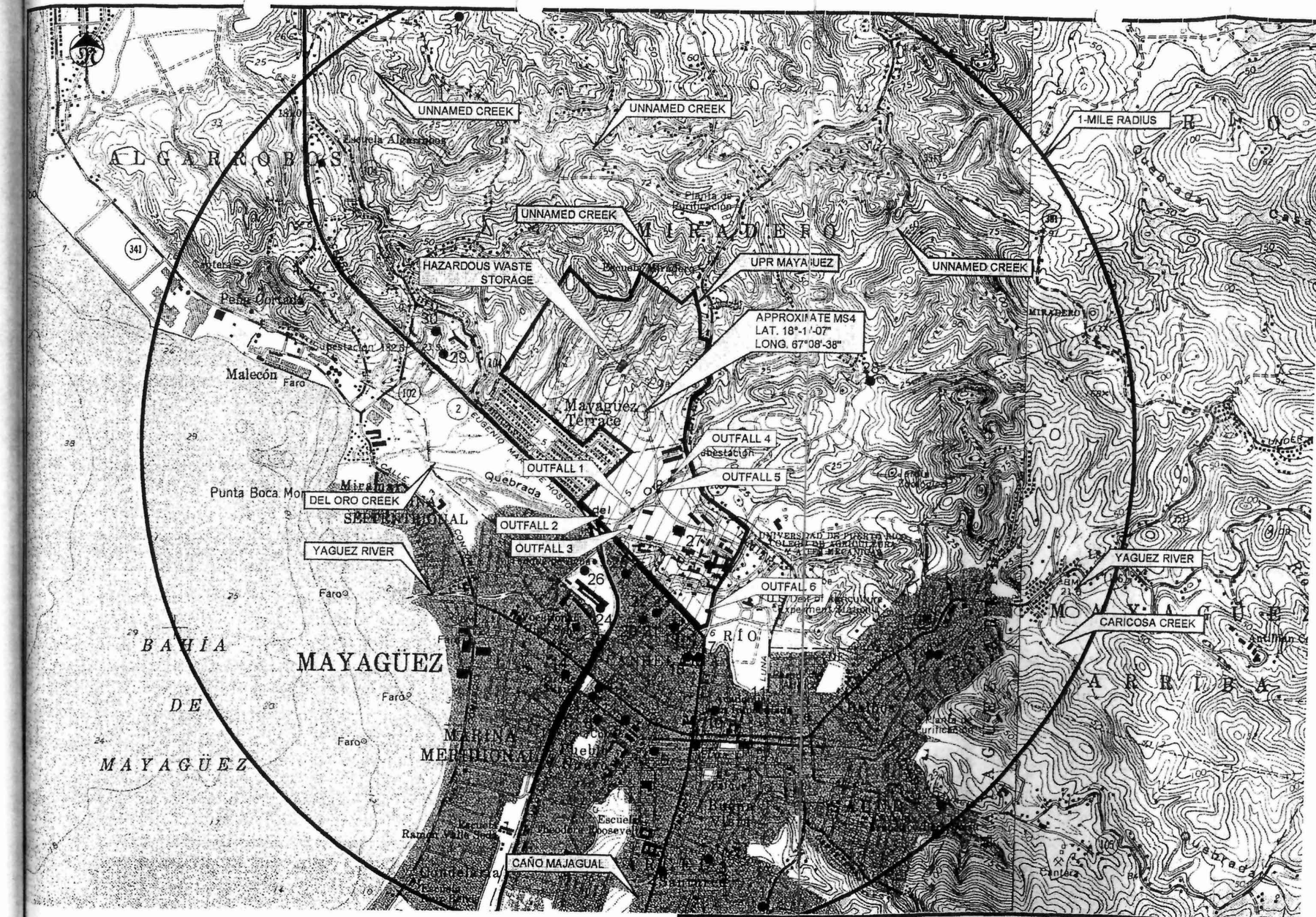
Sistemas Pluviales

PROJ | SCALE 1:1,700 | DATE 9/12/2011 | SHEET 1 of 1

F

Appendix B

MS4 Outfall Map



LEGEND: GROUND WATER WELLS

- 1 RENOVACION
- 2 MARTINIZING CLEANERS
- 3 ALEMANY
- 4 LAS MESAS MINERAL
- 5 RODRIGUEZ 1
- 6 M. SANCHEZ
- 7 HNOS. ARBONE
- 8 TORRES
- 9 RODRIGUEZ 2
- 10 CLINICA DR. PEREA
- 11 HOTEL LA PALMA
- 12 NADAL 2
- 13 NADAL 1
- 14 RIVERA
- 15 YAGUEZ 2
- 16 YAGUEZ 1
- 17 ARCELAY 2
- 18 ARCELAY 1
- 19 CERVECERIA INDIA 2
- 20 CERVECERIA INDIA 3
- 21 CERVECERIA INDIA 4
- 22 VALDEZ 1
- 23 CERVECERIA INDIA 1
- 24 ATLANTIC INDUSTRIES 2
- 25 CERVECERIA REAL
- 26 ATLANTIC INDUSTRIES 1
- 27 UPR-CAAM
- 28 ZOOLOGICO
- 29 MAYAGUEZ RESORT
- 30 VALDEZ 2
- 31 ALTURAS DE MAYAGUEZ

NOT TO SCALE

SOURCE: 1) USGS TOPOGRAPHIC MAP OF MYAGUEZ AND ROSARIO QUADRANGLES 1964.

2) USGS TOPOGRAPHIC MAP USGS GROUND-WATER SITE INVENTORY FOR PUERTO RICO

CES
Caribe Environmental Services

NOTICE OF INTENT FOR STORMWATER DISCHARGE FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4's) UNDER NPDES GENERAL PERMIT NO. PRR040000

MAYAGUEZ, PUERTO RICO

TOPOGRAPHIC MAP UPR MAYAGUEZ

PROJECT NO. 07-0004

FIGURE 1