UNIVERSIDAD DE PUERTO RICO EN CAYEY
OFICINA DE SALUD, SEGURIDAD OCUPACIONAL
Y PROTECCION AMBIENTAL
P O BOX 372230
CAYEY, PR 00737-2230

DATE : November 3, 2016

TO: ENVIRONMENTAL PROTECTION AGENCY
Attention: Mr. Sergio Bosques

FROM: Prof. Félix M. Velázquez Soto, Director
Oficina de Salud, Seguridad Ocupacional y Protección Ambiental

RE: NPDES – MS4
RENEWAL OF NOI
PRR 04008
UNIVERSITY OF PUERTO RICO AT CAYEY

☑ Attention
☑File

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 A. General Information

1. Name of Municipality or Organization: University Of Puerto Rico, Cayey Campus
2. Type: ◯ Federal ◯ State ◯ Municipality ⓧ Other: University
3. Existing Permittee: ⓧ Yes ◯ No If yes, provide EPA NPDES Permit Number: PRR040008
4. Location Address:
   a. Street: 205 Avenida Antonio R. Barcelo
   b. City: Cayey State: PR Zip Code: 00737-2230
5. Mailing Address:
   a. Street: P O BOX 372230
   b. City: Cayey State: PR Zip Code: 00737-2230
6. Telephone Number: (787) 738-2161 Fax: _____
7. E-mail: felix.velazquez1@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.

___ ___° ___ ___' ___ ___" N (degrees, minutes, seconds) ___ ___° ___ ___' ___ ___" W (degrees, minutes, seconds)

Or

18.116683 ° N (degrees decimal) 66.1593848 ° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: PROF. FELIX M. VELAZQUEZ SOTO
2. Position Title: HEALTH, OCCUPATIONAL SAFETY AND ENVIRONMENTAL PROTECTION OFFICER
3. Stormwater Management Program (SWMP) Location (web address or physical location): HEALTH, OCCUPATIONAL SAFETY AND ENVIRONMENTAL PROTECTION OFFICE
4. Mailing Address:
   a. Street: Same
   b. City: _____ State: PR Zip Code: _____

5. Telephone Number: (787) 738-2161

6. E-mail: felix.velazquez1@upr.edu

Part C. Eligibility Determination

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

Part D. Map/Boundaries

1. MS4/Organization Description of regulated boundaries (narrative):
   University of Puerto Rico at Cayey is one of eleven (11) campuses governed by the President of the University of Puerto Rico and it is an internationally recognized public education and research institution.

   This SWMP covers facilities in urbanized areas operated by University of Puerto Rico at Cayey (such as the Main Campus). The NPDES permit for this facility is PRR040008.
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 ◯ 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*): 100 %
   a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 11/ 30 / 2009 (MM/DD/YYYY)
   b. Web address where MS4 map is published: Outfall diagram attach
      If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission.

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

1. Illicit Discharge Detection and Elimination (IDDE) authority adopted? ⓧ Yes ◯ No
   a. Effective Date or Estimated Date of Adoption: September 20, 2007 (MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted? ⓧ Yes ◯ No
   a. Effective Date or Estimated Date of Adoption: September 20,2007 (MM/DD/YYYY)

3. Post-Construction Stormwater Management adopted? ◯ Yes ◯ No
   a. Effective Date or Estimated Date of Adoption: September 20,2007
   (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)
El Polvorín Creek	8	No		
Vieques Creek	1	No		

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
Public Education and Outreach on Storm Water Impacts	Yes	Yes	Students, employees and general public	Yes
Public Involvement/ Participation	Yes	Yes	Students and general public	Yes
Illicit Discharge Detection and Elimination	Yes	Yes	Employees & students	Yes
Construction Site Storm Water Runoff Control	Yes	Yes	Employees and contractors	Yes
Post-Construction Store Water Management in New Development and Redevelopment	Yes	Yes	Employees and contractors	Yes
Pollution Prevention/Good House Keeping	Yes	Yes	Employees and contractors	Yes

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	Develop storm water pollution prevention educational materials for faculty and staff.	SWMP Power Point presentations were prepared for educational purposes.	Distribution to students participating in the Open House was also provided.
2	Develop storm water pollution prevention educational materials for Students and General Public	CD was prepared regarding SWMPPP and natural resources education.	Copies of CD's were distributed to teachers participating in the Environmental and Human Health Fair.
3	Develop storm water pollution prevention educational materials for Students and General Public	Develop brochure to educate El Polvorín community regarding storm water pollution prevention for the El Polvorín and Vieques creeks.	Environmental and Human Health Fairs (March 2008, March 2009 and March 2010, and March 2011) was the platform used to promote education regarding water pollution prevention and solid waste pollution prevention of creeks through recycling.
4	Develop storm water pollution prevention educational materials for Students and General Public	SWMPPP – educational material was prepared, published and sent to nearby the community.	Material was distributed among the student organizations. educational material was develop and is distributed annually at the Health & Environment Fair
5	Develop storm water pollution prevention educational materials for Students and General Public	Increase storm water pollution prevention outreach to El Polvorín and other surrounding communities.	Environmental Protection Symposium

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.)
1	Establish and maintain working relationship with the joint City/ County	Contacted the SWMPPP coordinator of Cayey municipality regarding SWMPPP education for the Polvorin Community.
2	Organize and participate in-campus storm water pollution prevention event(s).	Reforestation activities on campus were organized to promote conservation and water protection.
3	Continue to convene campus storm water working group.	SWMPPP Development and Planning meetings were offered to work with BMPs and improve the outfall management.
4	Establish and maintain working relationship with the joint City/County Storm Water Program.	Contacted the SWMPPP coordinator of Cayey municipality regarding SWMPPP education for the Polvorin Community.
5	Organize and participate in campus storm water pollution prevention event(s).	Rain garden is used to manage the storm water coming from the roads, parking lot, green areas and buildings.

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.)
1	Identify locations where illicit discharges may be located.	Building rain water and drains discharge was inspected to evaluate regular operation.
2	Perform dye and smoke tests to determine if there are illicit discharges in pre-selected drainage.	Building rain water discharge was inspected to evaluate regular operation.
3	Review and revise campus facilities storm drain maps as needed.	The physical resources and maintenance office designated personnel to evaluate and clean storm drain periodically. No illicit discharge was detected.
4	Review and update campus notification system for sewage spills and other non-storm water discharges.	The community has been informed about active participation reporting any spills or possible water pollutants on campus.
5	Develop a storm drain sump and outfall monitoring program to visually identify dry weather flows into the storm drain system.	The community has been notified about how to inform the Environmental Health and Safety Office of any spill or emergency situation that can pollute storm water.
6	Update campus storm drain maps as necessary.	The runoff drains are evaluated and cleaned periodically.
7	Implement the storm drain sump and outfall visually monitoring program.	Runoff Inspection and Maintenance Plan were operating during the past four years (2007-2011).

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.)
1	Review and evaluate construction contract clauses that address sediment and erosion control BMPs specifications and site pollution control requirements.	There was no new construction in the institution 2007-2011
2	Establish contractual language that promotes compliance with all Sediment and Erosion BMPs as well as with State and Federal requirements (CEST Plan, NOI, SWPP, etc.).	Planning and Development Office used guidance document regarding site pollution and state and federal regulations.
3	Develop a campus policy statement regarding storm water runoff controls for minimizing sediment and erosion impacts from construction sites.	A series of small projects to reduce sediment and erosion of storm water channels have been completed or programmed.
4	Review and evaluate construction contract sanctions/penalties for violations of storm water sediment and erosion runoff controls' dispositions	Environmental Health and Safety Office evaluates and monitors sediment in case of a construction project.
5	Expose and guide 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; implication of violations and the importance of the enforcement of storm water specifications will be stressed expose	Weekly planning and coordination meetings are included for any projects. (There are no projects in progress.)
6	Develop construction site inspection procedures.	Local inspector is assigned. (There are no projects in progress.)

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.)
1	Create procedures for transitioning responsibility BMPs from construction phase into long term maintenance ones.	There are no projects in progress.
2	Develop a campus policy/enforcement program regarding post-construction storm water controls for new development and re-development project sites.	Policy and enforcement program has been establish. However there has been no construction in the last 10 years.
3	Develop standard specifications for selected structural and non-structural post-construction BMPs.	BMP for future construction projects must be evaluated ad approved by the OSSOPA office before the project begins
4	Develop procedures to incorporate inspection of new development and re-development project facilities into overall campus storm water inspection program.	Local inspector visits the projects daily. There are no projects in progress.
5	Incorporate post-construction structural and non-structural BMP requirements into site planning and review process.	Planning and Development Office incorporated document for post-construction agreement.

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.)
1	Prepare a rehabilitation plan and schedule of implementation for the campus storm water system; the plan will include identification of all storm water pipes and their condition.	• Oil Spill Management Protocol was developed. • Liquid Chlorine Spill Management Protocol was developed. • Runoff Cleaning Plan to prevent organic and solid waste pollution of the creek was developed.
		• Small Spill Control Personnel was assigned. • Maintenance of the runoff channel between Library and Students Center was conducted to prevent ground erosion and sediment contribution to El Polvorin creek.
		• El Polvorin creek channel near the main street of the institution was reconstructed to prevent ground erosion and sediment contribution to the creek.
		• Reforestation activities on campus were organized to promote conservation and water protection. The last project was organized in conjunction with the San José Foundation, a community organization which promotes the empowerments of children with cancer of the green areas.
		• Rain garden was built to manage the storm water coming from the roads, parking lot, green areas and buildings, regularly it is evaluated. • SPCCP was prepared, published and included in the university's web page for the campus and nearby communities.
2	Review and select the Best Management Practices (BMPs) for the campus physical operations (grounds; facilities maintenance; physical plant/utilities; services).included in this SWMPPP	This is offered regularly.
3	Implement the cleaning program.	All outfalls and bodies of water are inspected monthly and if necessary clean up are coordinated.

Part J. Application Certification and Signature

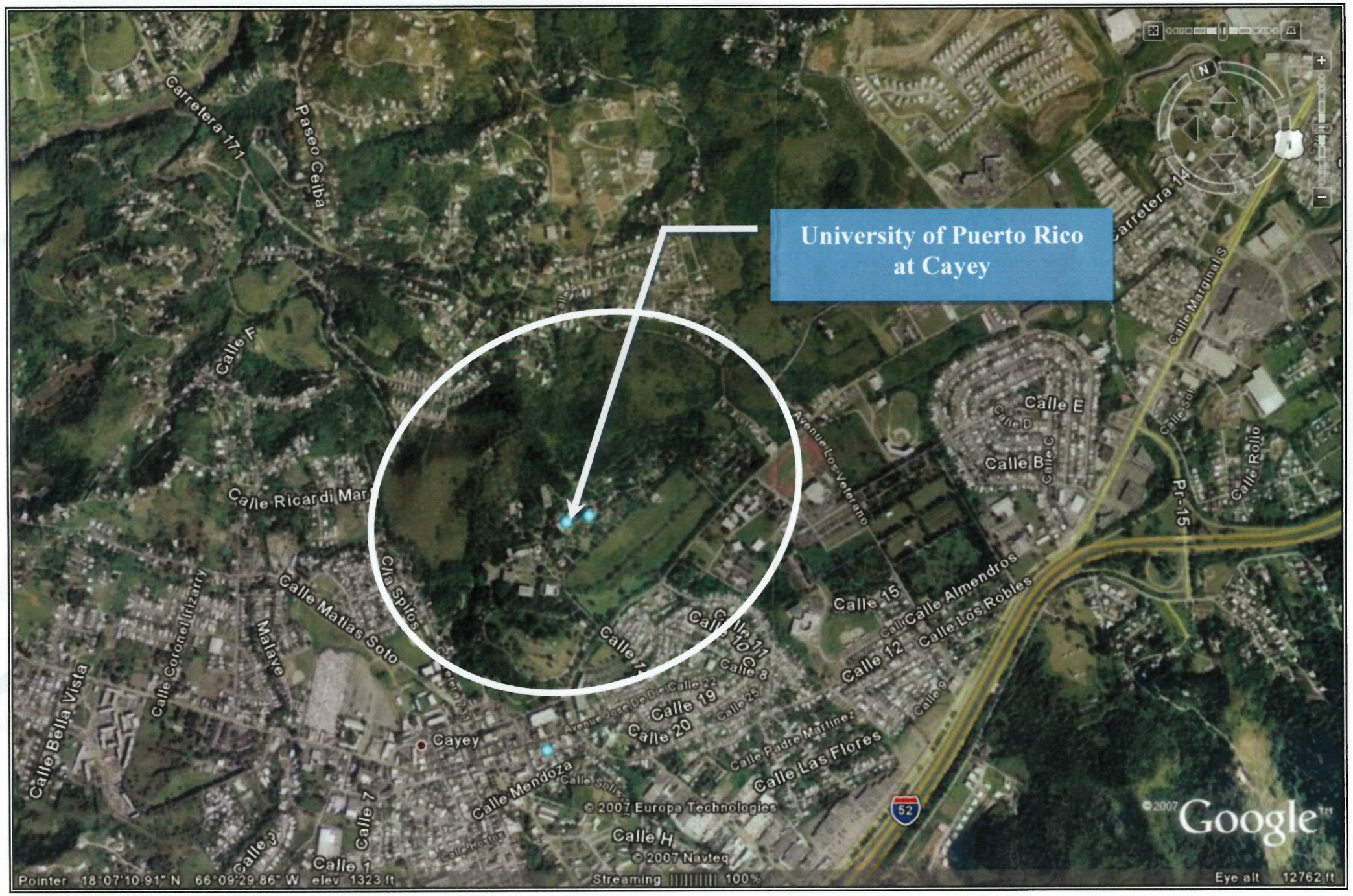
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage 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: Mario Medina Cabán

Title: Chancellor

Date: November 3, 2016

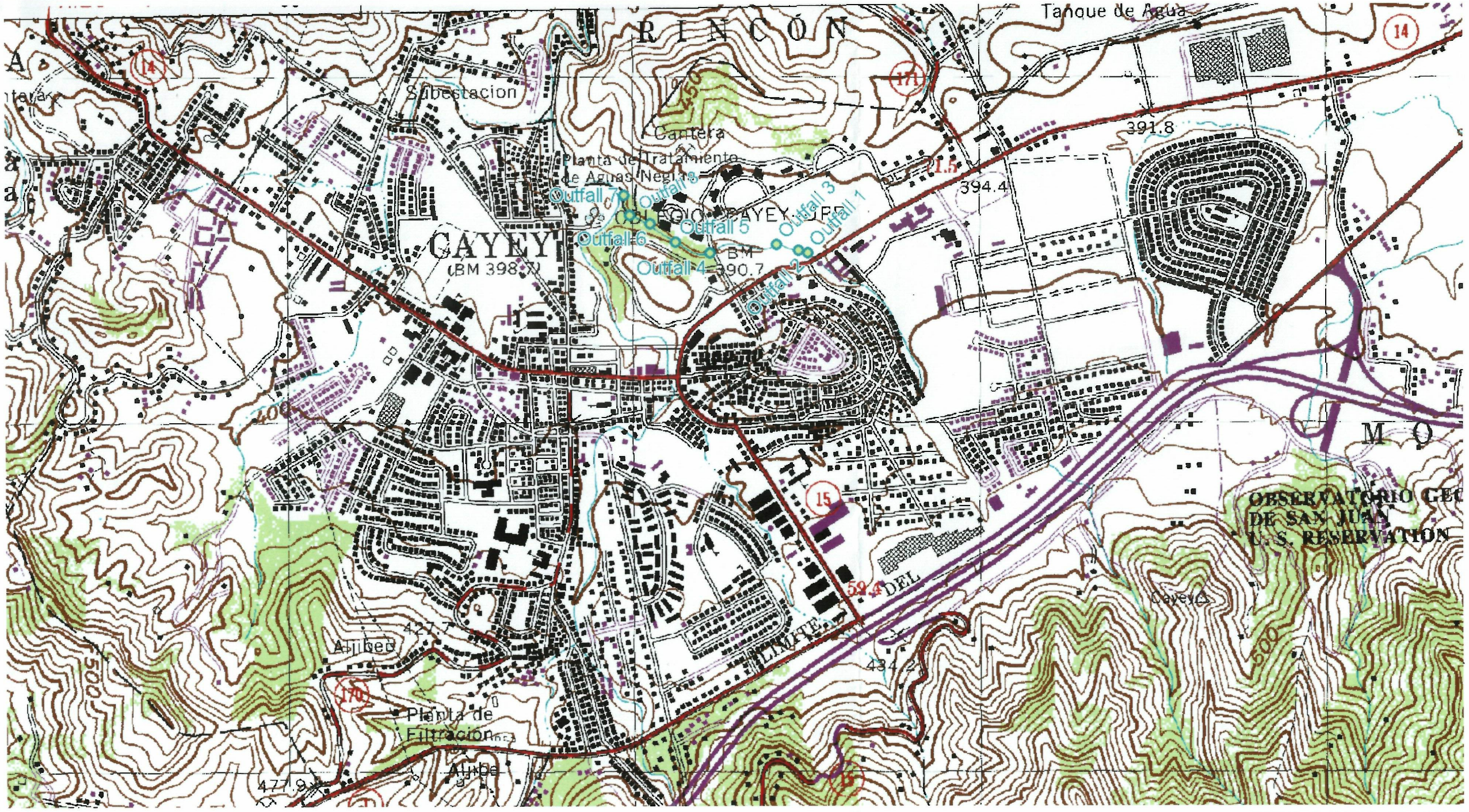


Prepared by:
J. Marquez
Map:
Aerial Photograph
Source
Google Map

Aerial Photo

University of Puerto Rico, Cayey Campus
205 Antonio R. Barceló Avenue
Cayey, PR

Environmental Training & Professional Services
C/ Guayama AA-38 Sta. Juanita
Bayamón, PR, 00956
Tel. 787-221-0293
Fax. 787-787-7717
E-mail. etpspr@gmail.com



Outfall Identification	Coordinates
Outfall 1	18° 7' 6.693" N, 66° 9' 37.806" W
Outfall 2	18° 7' 6.950" N, 66° 9' 38.673" W
Outfall 3	18° 7' 7.537" N, 66° 9' 40.834" W
Outfall 4	18° 7' 6.834" N, 66° 9' 47.385" W
Outfall 5	18° 7' 7.969" N, 66° 9' 50.762" W
Outfall 6;	18° 7' 9.733" N, 66° 9' 53.209" W
Outfall 7	18° 7' 12.476" N, 66° 9' 55.797" W
Outfall 8	18° 7' 10.552" N, 66° 9' 55.248" W
Outfall 9	18° 7' 01.900" N, 66° 9' 53.600" W

Prepared by:
J. Marquez
Map:
Aerial Photograph
Source
Google Map

Aerial Photo
University of Puerto Rico, Cayey Campus
205 Antonio R. Barceló Avenue
Cayey, PR

Environmental Training & Professional Services
C/ Guayama AA-38 Sta. Juanita
Bayamón, PR, 00956
Tel. 787-221-0293
Fax. 787-787-7717
E-mail. etpspr@gmail.com