GOBIERNO DE PUERTO RICO
MUNICIPIO DE CIALES
Hon. Luis "Rolan" Maldonado Rodríguez - Alcalde

01 de junio de 2017

Carmen Guerrero-Pérez

Director
Caribbean Enviromental Protection Division
City View Plaza II- Suite 7000
#48 Rd. 165 km 1.2
Guaynabo, PR 00968-8069
San Juan, Puerto Rico

NOTICE OF INTENT-NOI- MUNICIPALITY OF CIALES
FOR STORM WATER DISCHARGES FROM SMALL MS4s IN URBANIZED AREAS

As part of the provisions of the clean water Act, Section 402 (p) requires that storm water discharges, associated with municipal separate storm sewer system (MS4s) in urbanized areas, to waters of the US must be authorized by a National Pollutant Discarge Elimination System (NPDES) permit. In order to comply with this requirement, we are submitting our Notice of Intent (NOI) for the NPDES Permit no. PRR040057.The Municipality of Ciales has the intention of comply with the Permit's provision and EPA requirements.

If you need additional informaion, do not hesitate to contact us at the Mayor's Office at 787-871-3500 or via e-mail at **alcaldeciales1@gmail.com.**

Sincerely,

Luis"Rolan" Maldonado Rodríguez
Mayor

Enclosure
Notice of Intent

GOBIERNO DE PUERTO RICO
MUNICIPIO DE CIALES
Hon. Luis "Rolan" Maldonado Rodríguez - Alcalde

NOTICE OF INTENT
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II, REGULATED
SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

INDIVIDUAL PERMIT

MUNICIPALITY OF CIALES

EPA REGION 2 PUERTO RICO

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: Municipality of Ciales
2. Type: ◯ Federal ◯ State ● Municipality ◯ Other: _____
3. Existing Permittee: ● Yes ◯ No If yes, provide EPA NPDES Permit Number: PRR040057
4. Location Address:
   a. Street: Betances St. int. Palmer St.
   b. City: Ciales State: PR Zip Code: 00638
5. Mailing Address:
   a. Street: PO. BOX. 1408
   b. City: Ciales State: PR Zip Code: 00638
6. Telephone Number: 787-871-3500 Fax: 787-871-3743
7. E-mail: alcaldeciales1@gmail.com
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 9 1 9 9
9. Latitude: (use the format provided.) Longitude: (use the format provided.)
   Approximate center of the regulated portion of the MS4.

18 ° 20 ' 18 N (degrees, minutes, seconds) 66 ° 28 ' 10 W (degrees, minutes, seconds)

Or

18.331 ° N (degrees decimal) -66.478° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: Ismel Santa Santiago
2. Position Title: Director Engineering Office
3. Stormwater Management Program (SWMP) Location (web address or physical location): CITY HALL
4. Mailing Address:
   a. Street: PO BOX 1408
   b. City: Ciales State: PR Zip Code: 00638

5. Telephone Number: **787-375-2973**

6. E-mail: ismeljsanta@hotmail.com

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):

The municipality of Ciales has a territorial extension of 172.17 sq km(66.0 sq mi) of wish 0.17 sq mi (0.65 sq mi) of water bodies.According to the 2010 census, its population is 18,782 in habitants. Ciales is located in the north central section of the island. Its located in the south of the municipality of Juana Días, east of municipalities of Orocovis and Morovis, west of the municipalities of Jayuya and Utuado, and the north of municipalities of Arecibo, Florida and Manatí. The municipality is comprise nine wards, within territorial limits. Of those rivers the main bodies of water are Rio Grande of Manatí, Rio Cialitos and Río Toro Negro. There are also various creeks.

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*): 0 %
   a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 06-22-2018 (MM/DD/YYYY)
   b. Web address where MS4 map is published: _____
   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: 06-22-2018 (MM/DD/YYYY)
2. Construction/Erosion and Sediment Control authority adopted? ( ) Yes (●) No
   a. Effective Date or Estimated Date of Adoption: 06-22-2018 (MM/DD/YYYY)

3. Post-Construction Stormwater Management adopted? ◯ Yes ❶ No
   a. Effective Date or Estimated Date of Adoption: 06-22-2018
   (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)
Río Grande of Manatí	20 approximately Identified between 2017	NO	Fecal Coliform	Fecal Coliform Phosphorous Turbidity
Río Toro Negro Not inside the urban zone	Identify	NO	Fecal Coliform	Fecal Coliform
Río Cialitos	10 Identified between 2017	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
Municipal outreach programs	yes	yes	Public Meeting, school lectures	None. Number of student impacted at the events. More than 50% the public school system
Educational displays, Pamphlets, booklets, Bill inserts	No	yes	Residents, Students and general public	None.
Storm water outreach materials	yes	yes	Commercial offices and establishments	The municipality will distribute pamphlets thru the media outlets
Conductance of conferences on storm water quality and the importance of water pollution prevention.	no	yes	General public,residents and visitors, students.	None

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.)
Storm Water-Related Public Service Announcements	Storm water pollution issues within the area	Develop, Produce, and air 30 second radio based	The number of segments radioed each year
Educational outreach to community homeowners on lawn care	Storm water runoff issues and lawn care education	Visit the local commercial entities and area university extension services	Sponsor an annual lawn care seminar In cooperation with commercial Entities, monitor the number of Suppliers and retail stores.
Educational involvement /partnerships/outreach With the schools	Reduce the storm water pollutants	Visit the school will be educated every two year	A minimum of 50% of all grade school children
Distribution of storm water related materials	Storm water pollution issues	Municipality will develop a community newsletter	The number of copies of the newsletter in circulation, and the number and description of toolbox items developed and used.
Storm water web page	Storm water program	Web page	The number of visits to the page
Social media education campaign	Illegal Discharge, non point sources and erosion control	Posting educational clips and messages in Facebook , Twitter and Instagram	Number of messages distributed, shared and viewed on a weekly basis
Annual cleanup	Not-point sources	Volunteer and residents participation	Number of tuns of debris and recyclables collected during the cleanup events. The target is to Reduce sources of pollution.

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.)
Storm Drain Stenciling Program	The municipal public works Departments shall implements a community program to label storm drains.	The number or percentage rains stenciled, and the number of stenciling volunteers
Volunteer monitoring program	Develop a volunteer monitoring program during the storm water permit term, that will allow tracking water quality changes over time.	The number of volunteer participating in monitoring program, the frequency of monitoring in the watershed, and the number of volunteer monitoring training sessions held.
Adopt -a- Park	Develop a volunteer Adopt-A-Park program, and record the quantity of trash and debris removed by Adopt-A-Park	Track the number of participants in adopt-a-park Program, and the quantity of trash and debris removed By Adopted-A-Park volunteers.
Support of Local Organizations	Support local organizations that incorporate the ideas and resources of local governments, citizens, nonprofit environmental groups, and local universities to promote the importance of the resources	The number of volunteers attracted to the watershed organizations, and the number of actions taken as a result of the watershed organization.
Public stakeholder meeting	Hold one public stakeholder meeting each year and develop the guidelines to determine who the stakeholder are, where the meetings will be held, how the stakeholders will be informed of the meeting, and how results will be used and distributed.	The number of attendees at the annual meeting, and the number of actions taken as a result of the stakeholders meetings.
Community Hotline	Develop the scope of a community hotline to answer specific storm water questions and identify problems or incidents related to storm water management practices.	The number of calls received by hotlines, and the number of problems or incidents identified and remedied as a result of hotline calls.

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.)
Storm Water System Map	Complete a storm sewer system map.	The linear feet of conveyances recorded, the number of structural pollution control devices counted, and the number of discharge points recorded.
Implement regulations to enforce non-storm water discharges	Prohibit non-storm water discharges into the storm sewer system through ordinances and resolutions, and develop and implement actions required to enforce these regulations.	The number of ordinances and resolutions passed, the number of penalties enforced upon the participants of illegal dumps, The number of buildings codes developed to prohibit connections.and other factors..
Program to detect, identify, and eliminate illicit discharges	Develop a program to detect and identify illicit discharges of non-storm water flows and, when detected and identified as significant contributors to the storm sewer system.	Inventory conducted and sites prioritized for inspection, the number for field tests conducted in high-risk areas, the number of illicit connections reported by business employees, Other factors
Program to detect and eliminate sanitary sewer overflows	Develop a program to establish and enforce policies for designing, screening, and maintaining the sanitary sewer system.	The frequency of routine maintenance activities, the number of overflows reported, the number of overflows causes that were identified during Inspections and the number of sites repaired.
Program to detect and eliminate failing septic systems	Develop a program to detect and eliminate failing septic systems, and develop and implement the actions required to enforce proper site and sizing, maintenance , and post-construction inspection considerations of the septic system.	The number of routine maintenance and inspection activities, the number of field tests and screens test conducted, the number of post-construction inspections conducted, the number of scheduled pump-outs conducted and sites repaired, and an inventory of tanks and when they were last serviced.

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.)
Ordinance or other regulatory mechanisms	Develop ordinances or other regulatory mechanisms to require erosion and sedimentation controls for polluted runoff from construction sites with a land greater than or equal to one (1) acre.	The number of ordinances approved, the number of inspections conducted, and the number of penalties imposed.
General construction site wastes controls	Develop and begin implementation of a program to control and eliminate construction site waste that may impact storm water runoff.	The frequency of inspection and maintenance activities, whether or not construction vehicles are regularly inspected, the number of vehicle wash areas on-site, and the number of construction sites with designated vehicle
Information submitted by the public	To further reinforce public participation in The storm water program, the Municipality shall develop procedures for the receipt, tracking, and consideration of public inquiries, concerns, and information submitted regarding local construction activities.	The number of noncompliance reports received; the number of construction site inspector follow-ups; and the number of stop-work notices issued.
Construction site inspection and enforcement	The municipality shall develop the procedures for construction site best management practices(BMPs) inspections and the enforcement of installed erosion and sedimentation control measures.	The number of sites inspected; and the number of enforcement actions taken.

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.)
Structural	The Municipality shall require new developments the incorporation of dry/wet extended detention ponds or basins with outlets that have been designed to detain the storm water runoff to allow pollutants to settle. These ponds shall provide flood control by including additional flood detention storage.	The number of new dry/wet ponds installed.
Porous pavement program	The Municipality shall develop a porous pavement program such that this porous surface replaces traditional number of new development sites	The amount of new porous pavement added or replaced, and the number of new development sites that use porous pavement.
Vegetative Practices-storm water wetlands program	The municipality shall develop a structural storm water wetlands program that incorporates wetland plants into the design. As storm water runoff flows through the wetland, pollutant removal is achieved through setting and biological uptake.	The number of storm water wetlands created; and acreage of impervious surface that drains to storm water wetlands.
Inspection and maintenance program	The Municipality shall develop an inspection and repair program to maintain the effectiveness of post-construction storm water control BMPs. All BPMs shall be inspected for continued effectiveness and structural integrity at regular inspection Intervals. The inspector shall document whether the BMP is performing correctly, any damage to the BMP since the last inspection, and any repairs to the BMP if damage has occurred.	The change in the proportion of those BMPs well-maintained as a result of inspection and maintenance.

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.)
Trainings for Municipal Employees	The Municipality will provide trainings on BPMs for mechanics, green-areas workers, painters, electricians, and clerical employees on how to address simple issues identified in the daily tasks of municipal Operations. The trainings will cover oil, paint and fuel spills, emergency response, good housekeeping, material storage, and record keeping.	The Municipality will provide their employees with two(2) workshops/trainings every year addressing BMPs and their responsibility under the USEPA-NPDES permits.
SOPs for Municipal Operations	The Municipality will develop and implement the required standard Operations and Maintenance activities conducted daily at Municipal Public Works. The SOPs will cover all activities that may have an impact on the NPDES- MS4 permit.	Number of inspections completed and certified in compliance with local ordinances and USEPA regulations.
Webinars on Water Quality BMPs	The Municipality propose offering a webinar to municipal employees on simple BMPs designed to protect their surface water resources.	The number of participants and efforts developed by employees after the webinar.
Materials Management	The Municipality shall develop procedures for spill response and prevention plans that shall state how o stop, contain, cleanup, dispose of contaminated materials, and train personnel to prevent and control future spills.	The number of gallons of used oil collected from municipal operations; the number of recycling facilities that recycle oil in the Municipality, and the number of educational materials distributed to municipal employees.

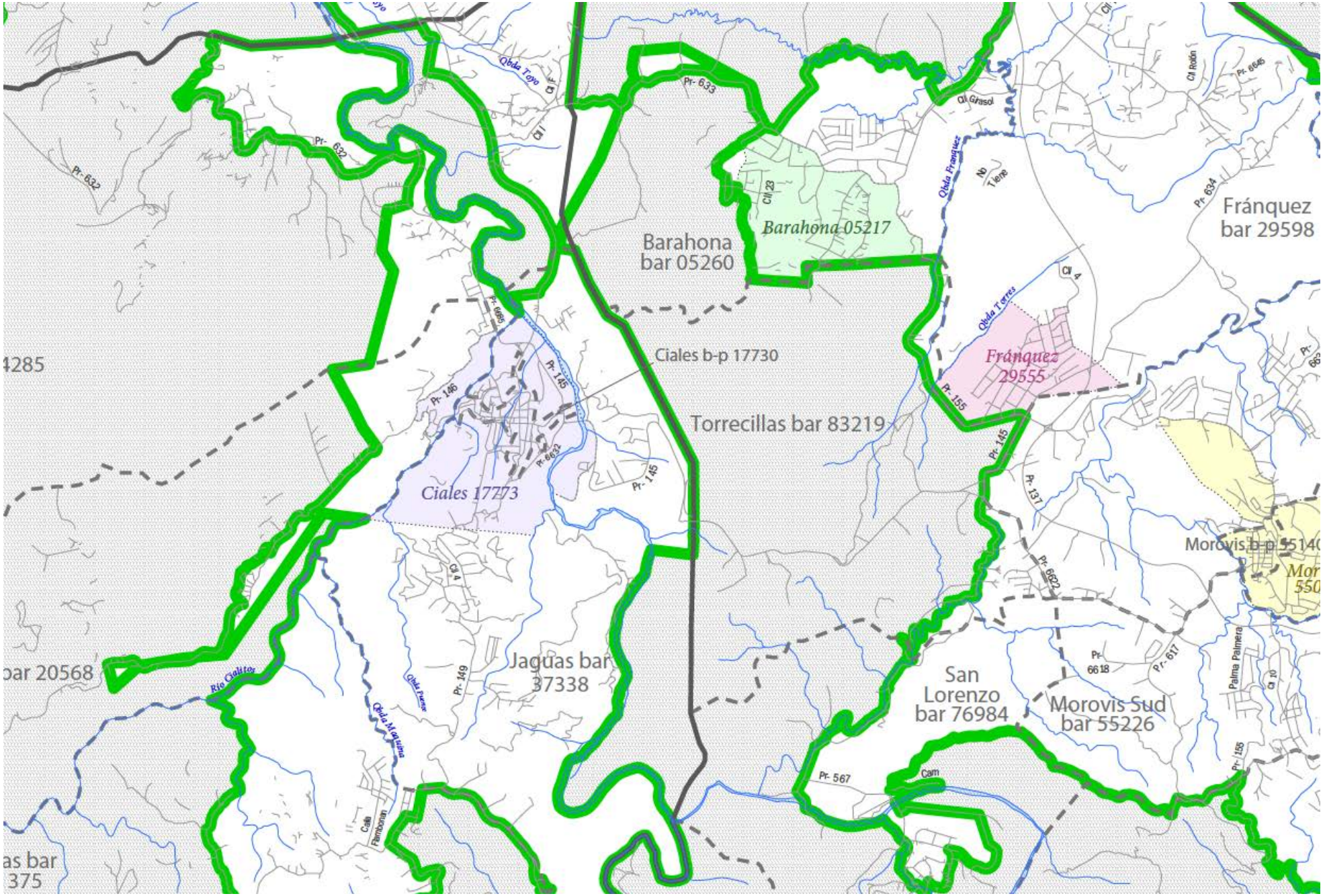
Part J. Application Certification and Signature

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.

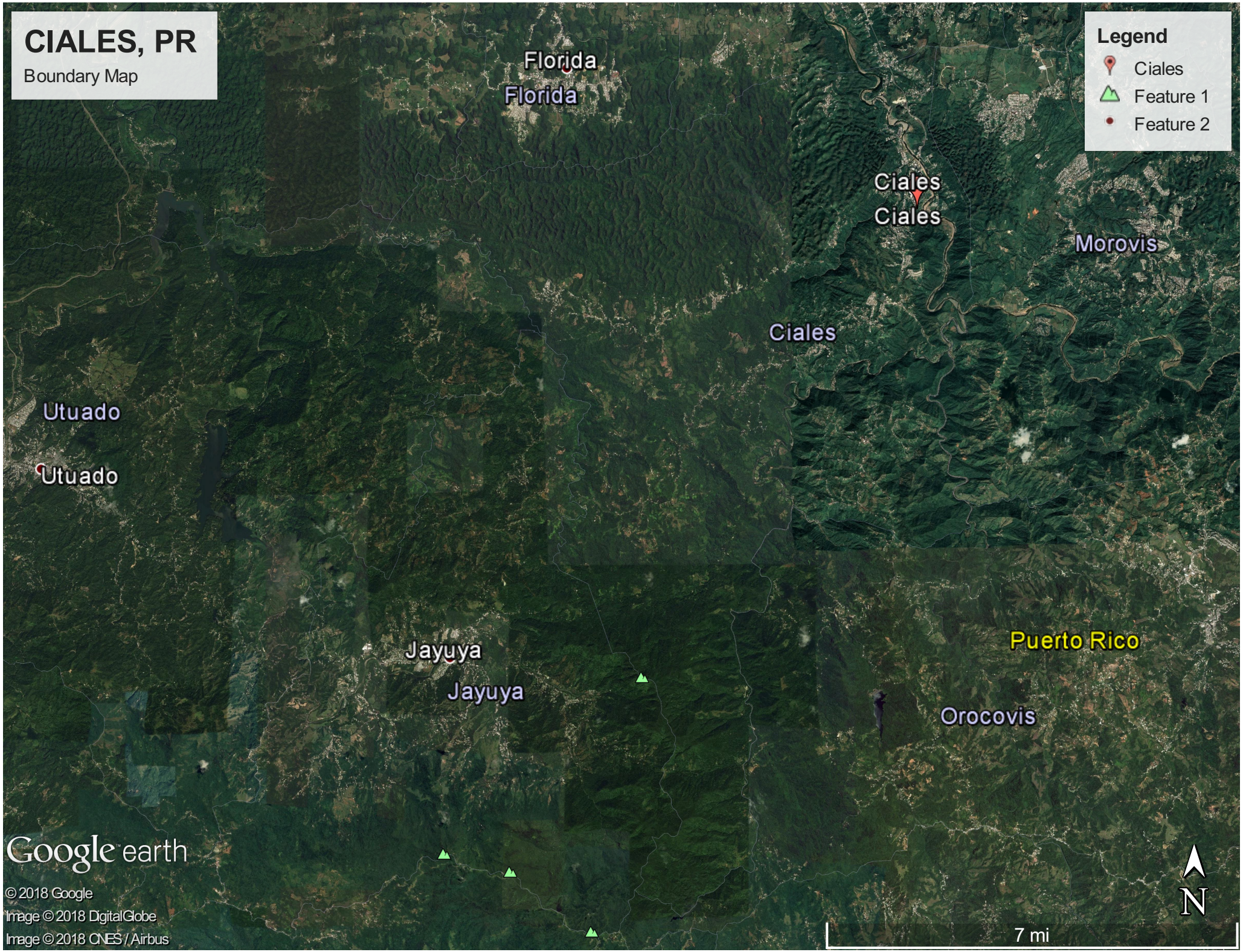
Signature of Mayor/Elected Official: _____

Print Name of Mayor/Elected Official: LUIS O. MALDONADO RODRIGUEZ

Title: MAYOR Date: 05-junio-2017



URBANIZED AREA FOR CIALES, PR


CIALES, PR
Boundary Map
Legend
Ciales
Feature 1
Feature 2
Florida
Florida
Ciales
Ciales
Morovis
Ciales
Utuado
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