

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PHASE II
REGULATED SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4)

NOTICE OF INTENT APPLICATION

Submitted By:



Municipality of Comerío
P.O. Box 1108
Comerío, P. R. 00782-1108

Submitted To:



U.S. ENVIRONMENTAL PROTECTION AGENCY – REGION II
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION
CITY VIEW PLAZA, SUITE 7000
#48 165 RD KM 1.2
GUAYNABO, PUERTO RICO 009 68

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Part A. General Information

1. Name of Municipality or Organization: COMERIO
2. Type: ☐ Federal ☐ State ☒ Municipality ☐ Other: _____
3. Existing Permittee: ☒ Yes ☐ No If yes, provide EPA NPDES Permit Number: P R R 0 4 0 0 5 8
4. Location Address:
 - a. Street: JOSÉ DE DIEGO #13 b. City: COMERIO State: PR Zip Code: 00782
5. Mailing Address:
 - a. PO BOX 1108 b. City: COMERIO State: PR Zip Code: 00782
6. Telephone Number: (787)875-5520 Fax: (787)875-5510
7. E-mail: OTCOMERIO@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.)
2.2.4.2 Approximate center of the regulated portion of the MS4.
1 8°1 3'1 5. 8 " N (degrees, minutes, seconds) 6 6°1 3'3 1. 4 " W (degrees, minutes, seconds)
Or 1 8. 2 2 1 0 6 1 ° N (degrees decimal) -6 6. 2 2 5 3 7 8 ° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: ROMARIE GONZALEZ BURGOS
2. Position Title: URBAN PLANNING DIRECTOR
3. Stormwater Management Program (SWMP) Location (web address or physical location):
CARR 7780 KM 0.9 COMERÍO, P.R. 00782
4. Mailing Address:
 - a. PO BOX 1108
 - b. City: COMERIO State: PR Zip Code: 00782
5. Telephone Number: (787)875-5520
6. E-mail: OTCOMERIO@GMAIL.COM

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Part C. Eligibility Determination

1. Endangered Species Act (ESA) determination complete? *(Please refer to appendix A)*

☒ Yes ☐ No

a. Eligibility Criteria (check all that apply): ☐ A ☒ B ☐ C ☐ D ☐ E ☐ F

2. National Historic Preservation Act (NHPA) determination complete? *(Please refer to appendix B)*

☒ 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 COMERIO IS LOCATED IN THE CENTRAL ARE THE ISLAND OF PUERTO RICO. BAYAMON NARANJITO AND ADJACENT TO THE NORTH; AIBONITO AND CITRON BY THE SOUTH; BARRANQUITAS THE WEST AND EAST BY AGUAS BUENAS. OCCUPIES AN AREA OF 28.1 SQUARE MILES, WHICH ARE DIVIDED BETWEEN NINE WARDS: EL PUEBLO, RÍO HONDO, PALOMAS, CEDRITO, NARANJO, CEJAS, VEGA REDONDA Y PIÑAS.

THE MUNICIPALITY OF COMERIO HAVE AN ELECTED OFFICIAL (A MAYOR) AND A LEGISLATIVE CORP WICH DEVELOP AND IMPLEMENTS LOCAL RULES AND REGULATIONS, PREPARE AND MANAGE THE MUNICIPAL BUDGET, ADMINISTER AND PROVIDE SERVICES TO RESIDENTS AND VISITORS.

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? *(Please refer to appendix C)* ☒ Yes ☐ No

Part E. MS4 Infrastructure (if covered under the 2006 general permit)

1. Estimated Percent of Outfall Map Complete? (Section 4.2.3 of 2006 general permit): 70 %

a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 10/30/2018

b. Web address where MS4 map is published: N/A

If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission.

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Part F. By law/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: (03/21/2014)

2. Construction/Erosion and Sediment Control authority adopted? ☒ Yes ☐ No

a. Effective Date or Estimated Date of Adoption: (03/21/2014)

3. Post-Construction Stormwater Management adopted? ☐ Yes ☒ No

a. Effective Date or Estimated Date of Adoption: (10/30/2018).

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. *(Please refer to appendix B or https://www.epa.gov/sites/production/files/2015-11/documents/pr_final_2014_303d_list.pdf)*

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) 2014 assessment cycle	List of TMDL Pollutant (s) (if any)
Río La Plata	17	No	Turbidity Cooper Lead Mercury	TMDL Needed

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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:

PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS				
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
MCM1-BMP-1 Development and Distribution of Storm Water Related Materials	Yes	Yes	The Municipality has made progress toward implementing this BMP. Work accomplished includes the distribution of educational material during community activities, Radio Releases and Facebook Bulletins.	None
MCM1-BMP 2- Conferences on Storm Water Quality	Yes	Yes	The Municipality currently offers workshops to the community and schools through their Emergency Management Office.	None
MCM1-BMP 3 Sponsorship of educational media release spots	Yes	Yes	The Municipality has commenced transmitting stormwater awareness messages through a local radio station.	The municipality will continue with the implementation of the BMP, although the material will be adapted to Comerio's community-wide issues. Also the priority of the media release will be via internet, radio and flyers.
PUBLIC INVOLVEMENT AND PARTICIPATION				
MCM2-BMP-1 Catch Basin Stenciling Program	No	Yes	The Catch Basin Stenciling Program has not been coordinated due to lack of personnel.	The municipality will start with the implementation of the BMB on the new cycle.
MCM2- BMP-2 Conductance of on-going series of public forum/discussions	Yes	Yes	The municipality conducted meetings with communities and schools where stormwater topics have been covered.	The municipality will continue with the implementation of the BMP, although the

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about storm water management and pollution control requirements				material will be adapted to Comerio's community-wide issues.
MCM2- BMP-3 Establish an "adopt a stream" program"	No	Yes	All community sectors. This BMP has not been coordinated due to lack of budget.	The new timeframe to implement this goal will be from October 2016 to October 2020.
ILLCIT DISCHARGE DETECTION AND ELIMINATION				
MCM3-BMP-1 Creation of a Storm Drain System Map	Yes	Yes	The municipality is in progress of developing the storm drain system map, it has identified the urban areas within the municipality a several key elements such as potable and waste water treatment plants, wells, waterbodies and landfills. In addition inlets and outfalls have been identified throughout most of the urban areas.	The municipality will develop a revised and more detailed map than was required by the 2006 Small MS4 General Permit, as per requested in the Section 2.4.4.6.a.i, 2.4.4.6.a.ii of the new EPA Region 2 Small MS4 General Permit
BMP 2- Identify Illicit Connections through survey of outfalls and SWS	No	Yes	Since the map is commenced, surveys of outfalls are done simultaneously.	This BMP will be extended till August 2017
BMP-3 Create a Municipal Ordinance for the establishment of a Storm Water System Compliance and Enforcement Program	Yes	Yes	The municipality has developed and adopted an IDDE Ordinance.	None
BMP-4 Create a Municipal Ordinance which prohibits the illicit disposal of waste into the storm drain system	Yes	Yes	The municipality has developed and adopted an IDDE Ordinance.	None
BMP-5 Create a communication channel to report illicit discharge occurrences	Yes	Yes	The municipality has started to implement this by developing an SOP for receiving complaints regarding illicit discharges and other environmental issues.	None

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BMP-6 Develop a Storm Water System Inspection Program	Yes	Yes	The municipality has started this BMP has an SOP for inspecting outfalls and identifying illicit discharges.	None
CONSTRUCTION SITE STORM WATER RUNOFF CONTROL				
BMP-1 Request from contractors to submit a certified plan for the control of storm water runoff	Yes	Yes	The municipality will require all contractors to submit the corresponding certified plans for sediment control and Stormwater management approved by the corresponding agencies to be able to endorse the project. The implement of a municipal ordinance and the implement of the recent Permits office are the first steps in the implementation of this measure.	None
BMP-2 Request from contractors to certify that all Storm Water System connections were performed in accordance with approved plans and specifications	Yes	Yes	The municipality will require all contractors, after the completion of each municipal project, to submit a certification stating that they performed the project according to OGPe approved plans and specifications. The implement of a municipal ordinance and the implement of the recent Permits office are the first steps in the implementation of this measure.	None
BMP-3 Request from contractors and developers to submit "asbuilt drawings" showing new connections to the storm water system, conveyance and discharge point	Yes	Yes	The municipality will require all contractors, after the completion of each municipal project, to submit an "as built" set of drawings showing new storm water infrastructure. The municipality will use the "as built" drawing to update the original Storm Sewer System Map. The municipality adopted an ordinance and has a new Permits Office.	None
POST-CONSTRUCTION SITE STORM WATER MANAGMENTS IN DEVELOPMENTS AND REDEVELOPMENT				
BMP-1 Develop and	Yes	Yes	The municipality develop and implement yearly a preventive	None

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implement a program for inspection and preventive maintenance of structural storm water control			maintenance program for both existing and new storm sewer infrastructure. Standard Operating Procedures for inspections, preventive and corrective actions are developed.	
BMP-2 Protect Municipal properties within upland watershed susceptible to erosion problems Structural Practices	No	Yes	The Municipality will develop and implement protective measures in Municipal properties to avoid and control erosion within upland watershed. These activities will include: • Seeding • Mulching • Protection of natural features • Urban forestry	This BMP will be extended to May 2017.
Good Housekeeping and Pollution Prevention in Municipal Operations				
BMP-1 Certification of No-exposure for the Municipality's vehicle maintenance facilities or any company that provides such service to the municipality	No	Yes	The municipality will obtain a yearly Certification of No Exposure (CNE) from an inspection conducted by an external certified environmental professional to the public or private vehicle maintenance provider. Private and public vehicle maintenance providers must assure that facilities are not exposed to runoff action to avoid related pollutants from reaching the storm water system. This BMP is not being implemented due to lack of funds.	None
BMP-2 Implementation of Recommended improvements resulting from the most recent Municipal Compliance inspection, and will maintain compliance Throughout the permit period.	Yes	Yes	The municipality will develop an inspection protocol oriented to the implementation of pollution prevention and good housekeeping during municipal operations. This will include both vehicles and facilities. The Municipality will perform periodic compliance inspections to municipal facilities and vehicles to identify any area of	None

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			improvement related to the prevention of pollution that may be caused by municipal operations. The Public Works and Emergency Management Departments currently provide routine maintenance to roads, bridges and storm sewer system. Facilities inspections are being conducted.	
BMP-3 Development of an on-going training program for Public works personnel related to storm water management and handling of hazardous materials	Yes	Yes	The municipality developed an ongoing training program for the Public Works personnel related to storm water management and handling of hazardous materials. This BMP is being implemented since 2014.	None

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Part I. 2016 Stormwater Management Program (SWMP) Summary Public Education and Outreach (See Section 2.4.2 for detailed information of required BMPs):

Public Education and Outreach			
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.)
Distribution of Educational Material related to storm water management	• Illicit Discharges • Pet Waste • Vehicle Maintenance and Washing • Septic System Maintenance	Brochures, newsletters, flyers and posters available through the Municipal webpage	Number of downloaded materials
Stormwater related Public Service Announcements	• Erosion and Sediment Control • Waste Management • Septic System Maintenance • Storm Sewer System Maintenance	Public Service Announcements transmitted through local radio station, flyers, Facebook posts	Number of announcements transmitted per month.
Educational Outreach with Schools	Stormwater issues and recommended BMPs	Environmental Fair conducted once a year where all schools are invited to participate	Number of schools and children that participated and received information regarding Stormwater topics.

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Public Involvement and Participation		
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.)
Annual Clean-up	The Annual Clean-up takes place once a year with the participation of community volunteers, Scuba Dogs Society and the Municipality.	The amount of volunteers and waste collected will determine program effectiveness.
Environmental Complaint Hotline	Environmental Complaints will be received and investigated by the "Vigilantes Ambientales". A complaint form will also be available through the Municipal webpage.	The amount of complaints received and resolved
Water Quality Monitoring Program	The Water Quality Monitoring Day sponsored by the San Juan Estuary takes place once a year with the participation of community volunteers and the Municipality.	The amount of volunteers that participated and samples analyzed

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

Illicit Discharge Detection and Elimination		
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 laws/ordinances, amount of investigation performed, identified and removed illicit connections, etc.)
Outfall Cleaning And Sampling	The Municipality will develop screening and sampling procedures that clearly describe how the municipality will conduct outfall screening, including thresholds that trigger an action when a sample exceeds a certain value.	The screening and sampling procedures will be developed within one year. During years 2-5 of the permit, the Municipality will screen at least 20% of all outfalls each year during dry weather.
Continue the storm sewer system map	The municipality will continue with the Storm Sewer System Map over the first year of the new permit.	The map will be developed within one year.
Develop and implement a plan to detect and address illicit discharges to the MS4	1. Locate Problem Areas: priority areas be identified for detailed screening of the system based on the likelihood of illicit connections (e.g., areas with older sanitary sewer lines). Methods that can locate problem areas include: visual screening; water sampling from manholes and outfalls during dry weather; the use of infrared and thermal photography, cross-training field staff to detect illicit discharges, and public complaints. 2. Find the Source: Once a problem area or discharge is found, additional efforts usually are necessary to determine the source of the problem. Methods that can find the source of the	Documented actions should be included in annual reports and include information such as: the number of outfalls screened; any complaints received and corrected; the number of discharges and quantities of flow eliminated; and the number of dye or smoke tests conducted.

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	illicit discharge include: dye-testing buildings in problem areas; dye- or smoke-testing buildings at the time of sale; tracing the discharge upstream in the storm sewer; employing a certification program that shows that buildings have been checked for illicit connections; implementing an inspection program of existing septic systems; and using video to inspect the storm sewers. 3. Remove/Correct Illicit Connections: Once the source is identified, the offending discharger should be notified and directed to correct the problem. Education efforts and working with the discharger can be effective in resolving the problem before taking legal action. 4. Document Actions Taken: As a final step, all actions taken under the plan should be documented. This illustrates that progress is being made to eliminate illicit connections and discharges.	
Educate public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste	1. Developing informative brochures, and guidance for specific audiences (e.g., restaurant and car wash businesses) 2. Designing a program to publicize and facilitate public reporting of illicit discharges; 3. Coordinating volunteers for locating, and visually inspecting, outfalls or to stencil storm drains; and 4. Initiating recycling programs for commonly dumped wastes, such as motor oil, antifreeze, and pesticides.	Educational Material and number of printed copies, Facebooks downloads and likes

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IDEE report line mechanism	People accessing or providing IDDE notifications through a web based platform	Amount of IDDE notifications
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Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

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

Construction Site Stormwater Runoff Control		
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.)
Erosion and Sediment Control BMP Standards	The municipality will define the minimum requirements and/or standards by developing a erosion and sediment control plan.	Strategic Goal 1: Promote understanding between diverse groups Strategic Goal 2: Serve as a Clearinghouse of Erosion Control and Stormwater Resources Strategic Goal 3: Provide Unique Technical Trainings on Innovative Tools and Techniques Strategic Goal 4: Highlight Innovative Practices & Technologies Strategic Goal 5: Promote Existing Credentialing Programs
Pollution Prevention BMP Standards	Developing Pollution Prevention Plans A plan for stormwater discharge that includes erosion prevention measures, sediment controls and permanent stormwater Management System that, when implemented, will decrease soil erosion on a parcel of land and decrease off-site nonpoint pollution.	Management Pollution Prevention a) Solid waste disposed of properly b) Hazardous materials in secondary containment and restricted access c) Defined areas for construction vehicles external washing d) Defined concrete washout on site and with a sign
Plan Review Procedures	A plan review procedure will be developed. It will include a mechanism to evaluate low impact design and green infrastructure opportunities	This BMP will be implemented no later than one year after permit authorization.
Pre-Construction Review Procedures	A pre-construction plan review procedures will be developed	This BMP will be implemented no later than one year after permit authorization.
Inspection and Enforcement Procedures	Inspection Procedures An on-site construction site inspection will typically consist of the following	Number of documented inspections.

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	components, followed by the development of an inspection report: • Pre-Inspection Preparation • Entry • Records Review • Site Inspection • Exit Interview	
Develop a Construction Site Inventory	The Municipality will develop and maintain a construction site inventory	Number of construction sites per year documented at the annual report.

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

Post-Construction Stormwater Management in New Development and Redevelopment (See Section 2.4.6 for detailed information of required BMPs):

Post-Construction Stormwater Management in New Development and Redevelopment		
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.)
Develop and implement a program for inspection and preventive maintenance of structural storm water control	The municipality develop and implement yearly a preventive maintenance program for both existing and new storm sewer infrastructure. Standard Operating Procedures for inspections, preventive and corrective actions are developed.	A scheduling program will be developed and documented.
Protect Municipal properties within upland watershed susceptible to erosion problems Structural Practices	The Municipality will develop and implement protective measures in Municipal properties to avoid and control erosion within upland watershed. These activities will include: • Seeding • Mulching • Protection of natural features • Urban forestry	This BMP will be extended to May 2017.
Stormwater Control Standards	The municipality will implement a new stormwater ordinance with performance-based requirements that allow developers more flexibility in meeting stormwater, combined sewer overflow abatement, and flood control standards. To aid engineers and developers in adapting to the new policies, the City does not charge for	An municipal Ordinance

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	plan reviews. They have brought in on-site contractors in addition to regular staff to review and suggest revisions to submissions.	
Long-Term Maintenance of Post-Construction Controls	Developers should design BMPs with maintenance in mind. Native plants should be selected wherever possible to reduce chemical inputs and eliminate the need for watering. Limited access areas or those that require special maintenance can be set off from the surrounding landscape using low walls with cuts to allow stormwater to enter, a row of stones, or other physical or visual barriers. Access should be provided for periodic maintenance that might require heavy equipment.	New development Maintenance Manual
Educate developers and maintenance crews	Allow time and dedicate staff resources for bringing design engineers and landscape architects up to speed on new requirements. Provide checklists to help ensure compliance with new procedures. Develop locally based coefficients where appropriate in order to streamline sizing calculations and include example calculations to ensure consistency and transparency in project submittals. Hold periodic training sessions on LID applications, and request that plan reviewers provide specific comments when submitted designs do not meet standards.	Training guidelines and number of assistance by providing the training assistance list.
Post-Construction Controls Inspections	This BMP will regulate and oversees the stormwater runoff in new developments	A protocol was already developed. Inspection forms will be presented on annual reports.

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Enforcement and Tracking	Determine whether property owners or the municipality will be responsible for maintenance. If property owners will be responsible, there are a number of ways in which the municipality can assure maintenance: w 1. Require maintenance agreements, which are recorded with the property deed, for new and existing BMPs. 2. Require a performance bond for new BMPs. 3. Perform spot inspections to identify maintenance problems and check maintenance records. w 4. Require that property owners submit maintenance records or other evidence that maintenance was performed as prescribed.	Municipalities should consider a balance between compliance assistance and enforcement mechanisms to ensure that property owners uphold their maintenance responsibilities
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Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

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

Good Housekeeping and Pollution Prevention in Municipal Operations		
BMP Description or BMP ID (e.g. MCM-1)	Program Description (Describe the program and how it will mitigate stormwater runoff at municipal properties or 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.)
MS4 Conventional or Non-Conventional Facility Inventory	Annual Update and prioritization	Prioritized list of municipal facilities
MS4 Conventional or Non-Conventional Parks and Open Space O&M Procedures	The municipality will evaluate the lawn and landscape maintenance and landscape activities to ensure practices that enhance water quality. A protocol will be developed to address the proper use, storage and disposal of pesticides, herbicides and fertilizers.	Developed Protocol Registry of alternatives implemented to reduce the usage of fertilizers
MS4 Conventional or Non-Conventional Buildings and Facilities O&M Procedures	The municipality developed a O&M SOP. The municipality will evaluate the use, storage and disposal of petroleum products and other potential pollutants.	Developed Protocol Registry of alternatives to implement to enhance the use, storage and disposal of petroleum products and other potential pollutants.
MS4 Conventional or Non-Conventional Vehicles and Equipment O&M Procedures	Private and public vehicle maintenance providers must assure that facilities are not exposed to runoff action to avoid related pollutants from reaching the storm water system.	A O&M Procedure Protocol will be implemented.
MS4 Conventional or Non-Conventional Infrastructure O&M Procedures	(1) Evaluation of Current Maintenance Practices	Documented Protocols

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	(2) Development of Protocols, Checklists, and Schedules for Infrastructure O&M Procedures (3) Evaluation of Program Improvement and Enhancement	
Employees Training	The topics that will be developed are: General good housekeeping and pollution prevention at Municipal Facilities", "MS4 maintenance including catch basin cleaning procedures", "Integrated Pest Management and proper pesticide/herbicide application", "Vehicle/equipment maintenance procedures", "vehicle/equipment washing procedures" and "MS4 documentation requirements.	This BMP will be implemented: no later than two years after permit authorization

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 (P R R 0 4 0 0 5 8) for Puerto Rico

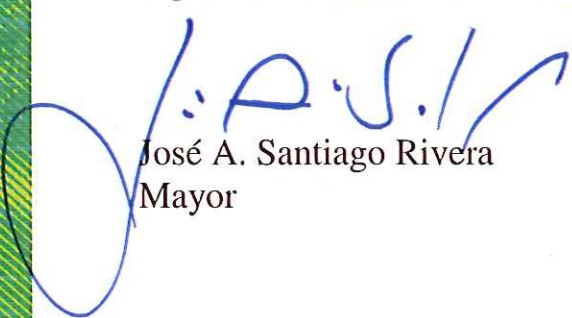
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CERTIFICATION

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.

Signed this 13 of SEPTEMBER 2016


José A. Santiago Rivera
Mayor



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 (P R R 0 4 0 0 5 8) for Puerto Rico

Appendix A



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Caribbean Ecological Services

Field Office

P.O. Box 491

Boqueron, PR 00622

In Reply Refer To:

FWS/R4/CESFO/72-045-GEN

AUG 03 2016

Mrs. Romarie González
Director
Municipality of Comerio
Po Box 1108
Comerio, Puerto Rico 00782

Re: Comerio NPDES MS4-2014
Permit

Dear Mrs. Gonzalez:

We have reviewed your request for information about endangered and threatened species and their habitats for the above referenced project. Our comments are provided under the Endangered Species Act (Act) of 1973, as amended (87 Stat. 884, as amended; 16 United States Code 1531 et seq.).

The Municipality of Comerio, Puerto Rico is requesting coverage under the 2014 NPDES (National Pollutant Discharge Elimination System) General Permit for the MS4 (Municipal Separate Storm Sewer System).

Based on the information provided and the nature of the permit we believe that the storm water discharge is not likely to adversely affect federally listed threatened or endangered species or their designated critical habitat(s) under our purview. Therefore, no further consultation is required. Nevertheless, if the project is modified or if information on impacts to listed species becomes available this office should be contacted concerning the need for the initiation of consultation under section 7 of the Act.

Sincerely yours,


Edwin E. Muñiz
Field Supervisor

agcs

cc
EPA, San Juan

MUNICIPIO AUTÓNOMO DE COMERIO
DEPARTAMENTO DE DESARROLLO
ECONÓMICO Y PROGRAMAS FEDERALES

AUG 08 2016

RECIBIDO: msf HORA: 8:30



ESTADO LIBRE ASOCIADO DE PUERTO RICO
Municipio Autónomo de Comerío



29 de julio de 2016

Sr. Felix Lopez
Fish and Wildlife Services
PO Box 491
Boquerón, PR 00622
felix_lopez@fws.gov
787-851-7297

**RE: SOLICITUD DE ENDOSO SOBRE LAS DESCARGAS DEL
SISTEMA PLUVIAL MUNICIPAL**

Estimado señor Felix Lopez:

Reciba un cordial saludo de parte de todo el personal que labora en mi oficina y el mío. La EPA ya publicó el nuevo permiso para el programa de MS4. Entre los requisitos para llenar la solicitud de la notificación de intención, exhortan al municipio de Comerío a solicitar a *U. S. Fish and Wildlife* una carta de endoso.

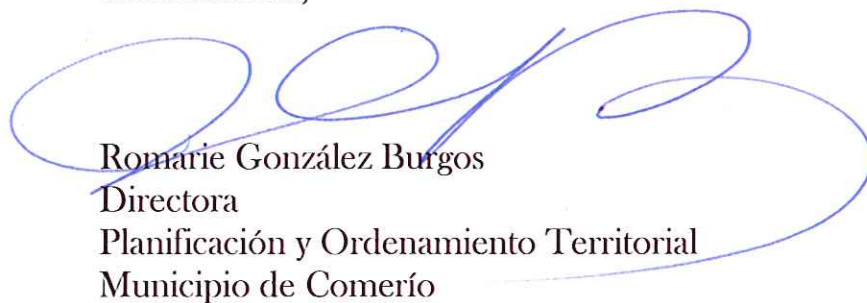
Por este medio, solicitamos un endoso de parte de *U.S. Fish and Wildlife* para el municipio de Comerío dónde dan lugar a una falta de peligro escrita por el USFWS en una constatación de que las descargas de aguas pluviales municipales y la descargas relacionadas actividades no afecten negativamente a las especies incluidas, la Paloma Sabanera y la Boa Puertorriqueña, o hábitat crítico. *Véase mapa adjunto.*

Por favor, permítame agradecerle de antemano por su consideración y la posibilidad de agilizar esta gestión en nuestros esfuerzos continuos para mejorar la calidad de agua y los ecosistemas relativos al programa MS4.



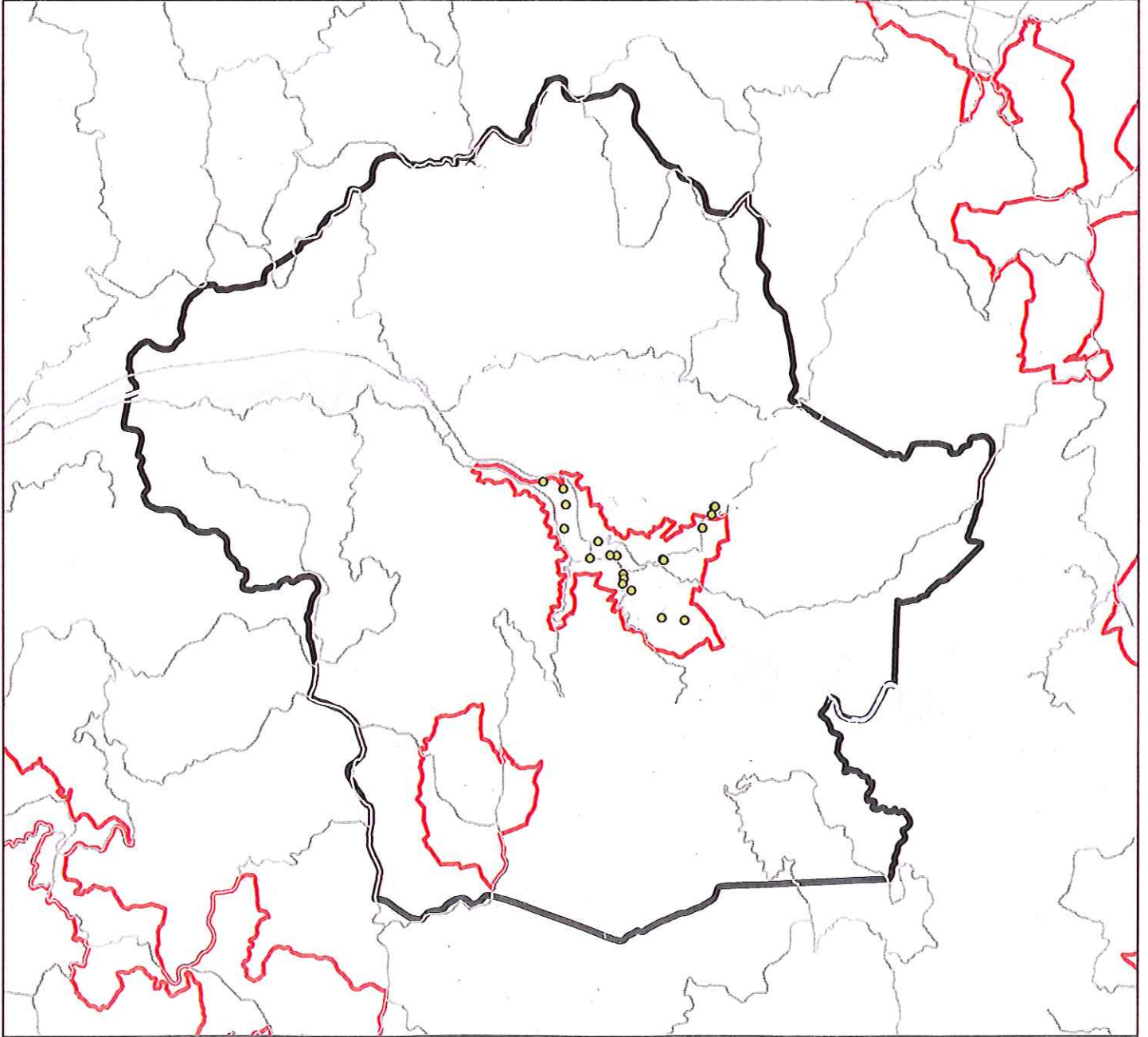
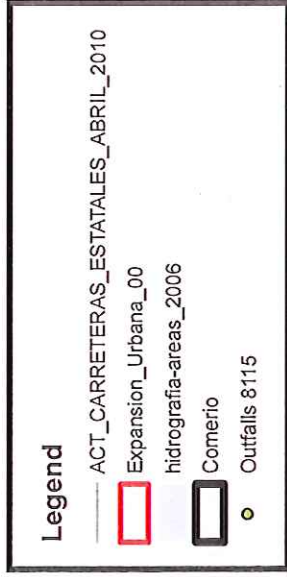
Para más información puede comunicarse con la que subscribe al teléfono 787-875-3445 ext. 117 o vía correo electrónico a otcomerio@gmail.com.

Cordialmente,



Romarie González Burgos
Directora
Planificación y Ordenamiento Territorial
Municipio de Comerío

Municipality of Comerio



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)
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Appendix B



ESTADO LIBRE ASOCIADO DE
PUERTO RICO

Oficina Estatal de Conservación Histórica
State Historic Preservation Office

August 24, 2016

Romarie González Burgos
Director-Office of Planning and Land Management
Municipality of Comerío
PO Box 1108
Comerío, Puerto Rico 00782

SHPO: 08-04-16-01 DESCARGAS DEL SISTEMA PLUVIAL MUNICIPAL #080416-01, COMERÍO, PUERTO RICO

Dear Ms. González:

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the *National Historic Preservation Act*) and its implementing regulations, "*Protection of Historic Properties*", 36 CFR Part 800. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities initiating the process; carrying out and evaluating the four-step review process; assessing effects upon them; and resolving adverse.

The urban center of Comerío is eligible to the National Register of Historic Places as a historic district under criteria A and C, for its contribution in the areas of Community Planning and Development, Social History and Architecture. This historic district is within the area of potential effects for this project. While we believe that an Agency's finding of no adverse effect is appropriate for this undertaking, the Municipality will need to submit an official determination for our review in order to complete the Section 106 process.

Please note that should the Municipality discover any historic properties including archeological findings at any point during project implementation, you should notify the SHPO immediately. If you have any questions, do not hesitate to contact our Office.

Sincerely,

Nydia A. Préstamo Torres, M. Arch.
Deputy State Historic Preservation Officer

NPT/srf

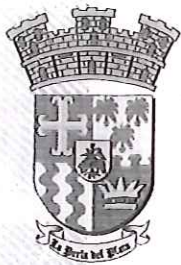
Cuartel de Ballajá (Tercer Piso),
Calle Norzagaray, Esquina Beneficencia, Viejo San Juan, P.R. 00901

PO Box 9023935, San Juan, P.R. 00902-3935
Tel: 787-721-3737 Fax: 787-721-3773
www.oech.gobierno.pr



OFICINA ESTATAL DE
CONSERVACIÓN HISTÓRICA
OFICINA DEL GOBERNADOR

STATE HISTORIC
PRESERVATION OFFICE
OFFICE OF THE GOVERNOR



1 de agosto de 2016

Sra. Nidia Préstamo
Sub-Directora
State Historic Preservation Officer "SHPO"
PO Box 9023 935
San Juan, PR 00902-3936
787-721-3737

**RE: SOLICITUD DE ENDOSO SOBRE LAS DESCARGAS DEL
SISTEMA PLUVIAL MUNICIPAL**

Estimada señora Nidia Préstamo:

Reciba un cordial saludo de parte de todo el personal que labora en mi oficina y el mío.

La EPA ya publicó el nuevo permiso para el programa del MS4. Entre los requisitos para llenar la solicitud de la notificación de intención (NOI), exhortan al municipio de Comerío a solicitar a la oficina de *State Historic Preservation Officer* una carta de endoso donde concurren con las determinaciones de los criterios del permiso relativos al *National Historic Preservation Act*.

Por este medio, solicitamos un endoso de parte de la oficina de *State Historic Preservation Officer* para el municipio de Comerío dónde concurra que cumplimos con el criterio B *Noitice of Intent "NOI" del programa Municipal del sistema recolección de aguas pluviales:*

"Criterio B: No hay propiedades históricas o propiedades elegibles para su inclusión en el Registro Nacional de Edificios Históricos dentro de la zona de los efectos potenciales (APE)."



1826 - 2016
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Años de
Comerío

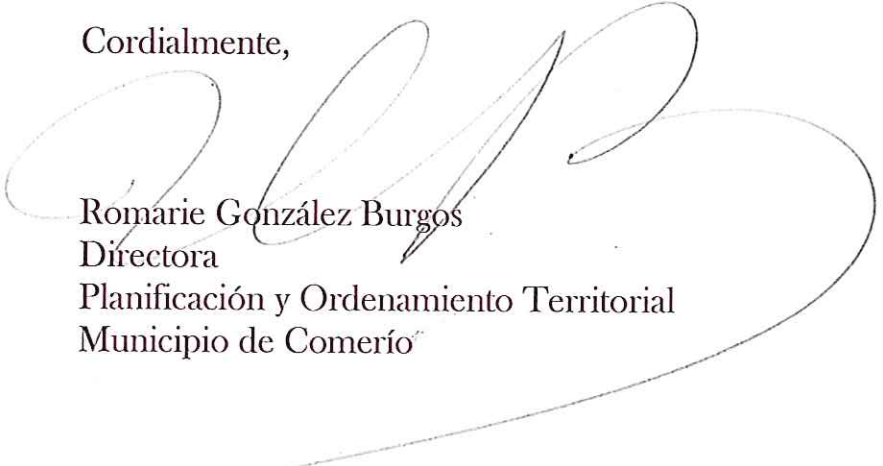
Según mapa de los puntos de descarga del sistema pluvial municipal las descargas del sistema pluvial municipal se concentran en el casco urbano. Las estructuras registradas por el *Registro Nacional de Edificios Históricos* están *localizadas fuera de esta área*. (1) Las Cuevas de la Mora, aproximadamente a 2 millas del casco urbano y (2) El Puente de Río Hondo, localizado en el Hotel Media Luna, aproximadamente a 2.53 millas del casco urbano. *Véase mapa adjunto.*

El permiso venció el 30 de julio de 2016, el documento debe estar adjunto al momento de enviar por correo el NOI a la EPA el mismo tiene una fecha límite de entrega que vence el 10 de agosto de 2016, por lo cual pedimos que el endoso esté listo en o antes de 9 de agosto.

Por favor, permítame agradecerle de antemano por su consideración y la posibilidad de agilizar esta gestión en nuestros esfuerzos continuos para preservar nuestros recursos históricos, arqueológicos, arquitectónicos y culturales.

Para más información puede comunicarse con la que subscribe al teléfono 787-875-3445 ext. 117 o vía correo electrónico a otcomerio@gmail.com.

Cordialmente,



Romarie González Burgos
Directora
Planificación y Ordenamiento Territorial
Municipio de Comerío

Municipality of Comerio

Legend

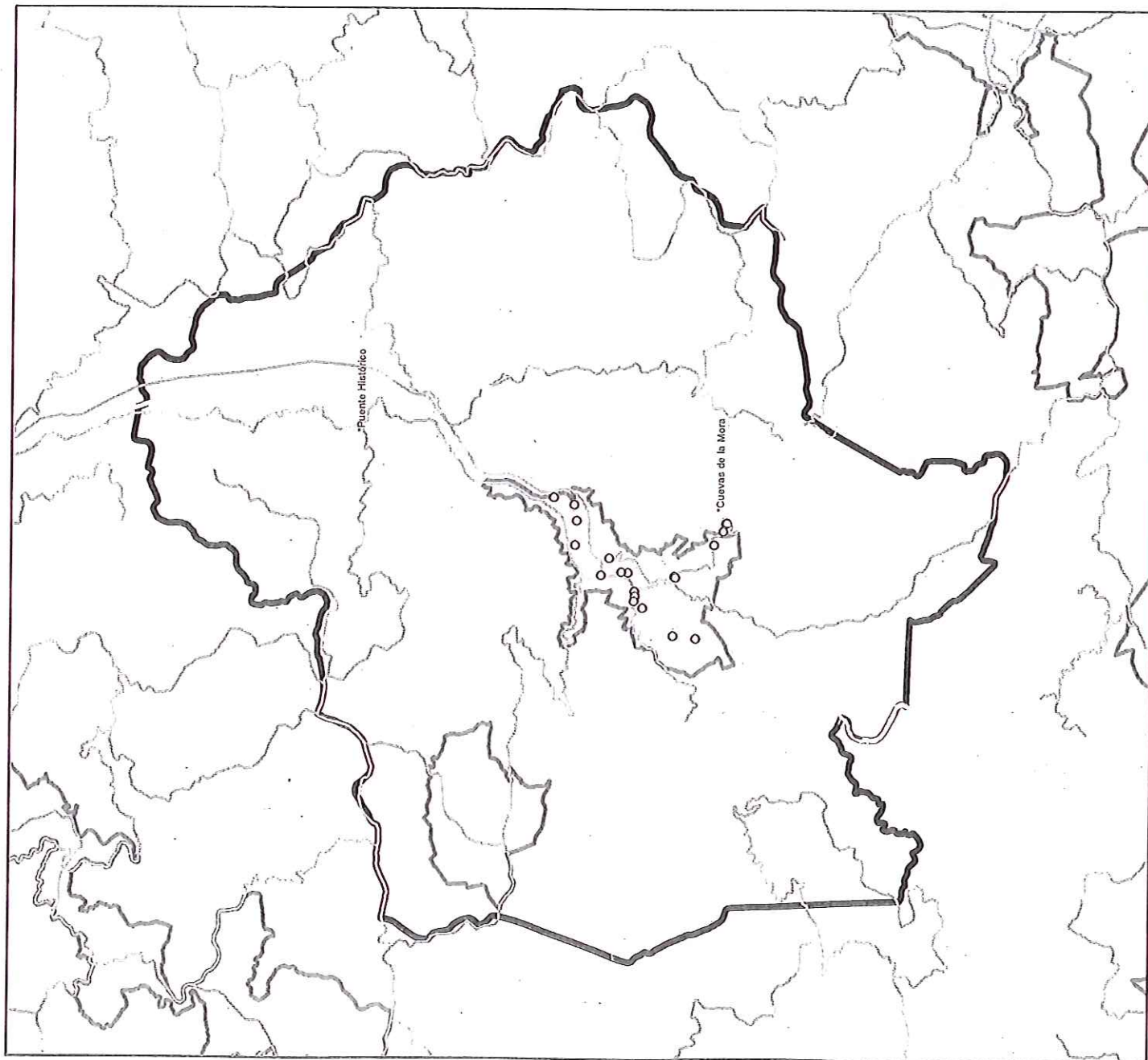
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Expansion_Urbana_00

hidrografia-areas_2006

Comerio

o Outfalls 8115





ESTADO LIBRE ASOCIADO DE
PUERTO RICO
OFFICE OF THE GOVERNMENT RELATIONS
State Historic Preservation Office

Formulario para el control de entrega.
Proyectos de sección 106

(Delivery control form 106 Section)



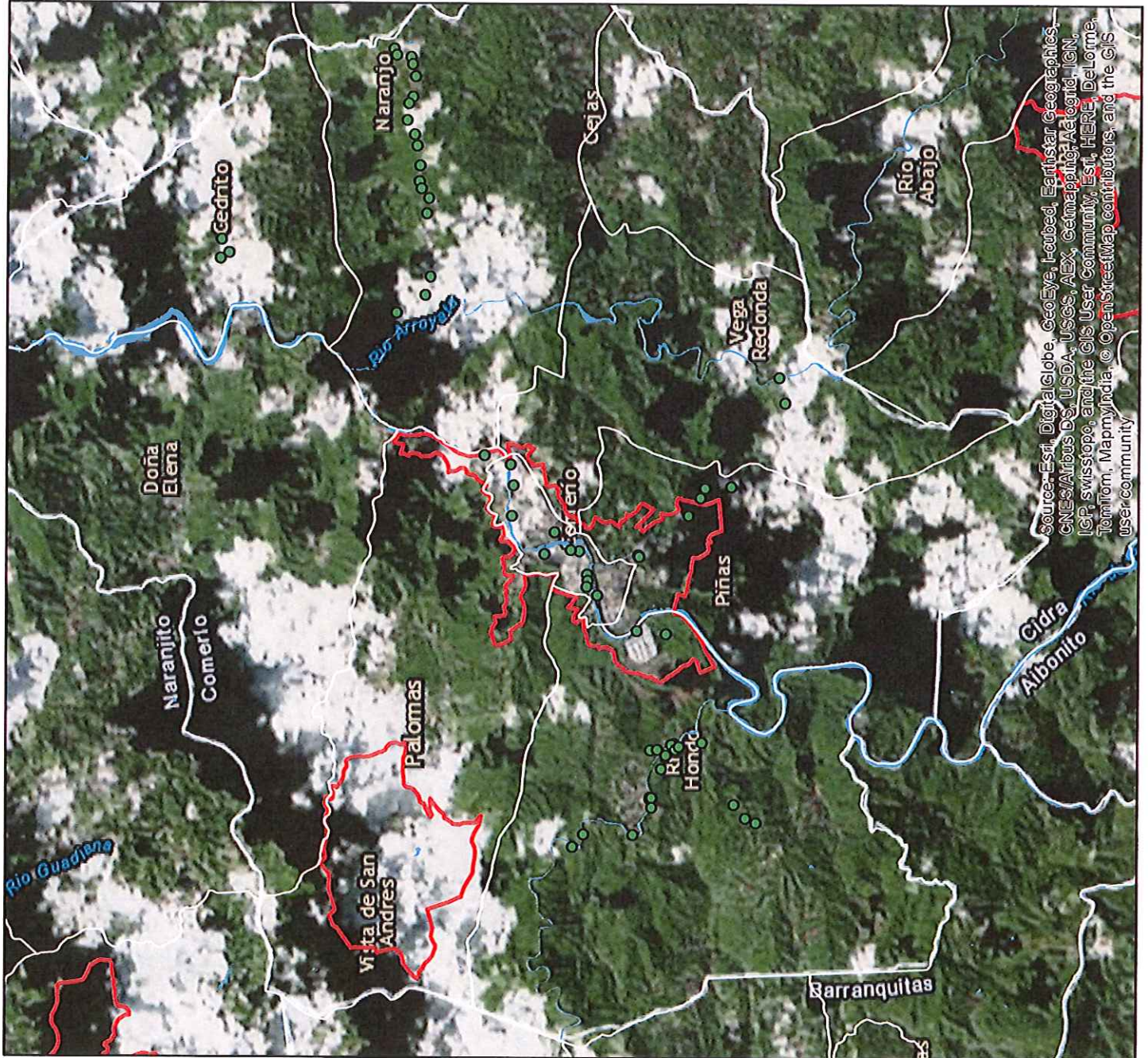
SHPO
OFICINA ESTATAL DE
CONSERVACIÓN HISTÓRICA
OFFICE OF THE GOVERNMENT RELATIONS
STATE HISTORIC
PRESERVATION OFFICE

Sección A. Información a ser llenada por el proponente* (Section A. Information to be filled by proponent)			
Nombre del Proyecto/ Project's name			
SOLICITUD DE ENDOSO SOBRE LAS DESCARGAS DEL SISTEMA PUERTO RICO MUNICIPAL			
Municipio/ Municipality	Barrio/ Ward	Nombre del Proponente/ Proponent's name	
COMERIO		MUNICIPIO DE COMERIO	
Agencia Federal/ Federal Agency	Total de Fondos Federales asignados/ Total of federal funds to be assigned	Total de acres del proyecto/ Total amount of acres	
Nombre de la persona que entrega/ Name of person who delivers		Firma/Signature	
ROMIRIS GONZALEZ			
Sección B. Información a ser llenada por la OECH al momento de la entrega del proyecto (Section B. Information to be filled by SHPO upon delivery)			
Fecha de entrega en la OECH/ SHPO delivery date		Nombre y firma de la persona que recibe/ Name and Signature of person who received	

- * Para poder cumplir su labor ministerial la OECH requiere que la Sección A de este formulario sea completada en su totalidad. Por tal razón, no se aceptarán proyectos que incumplan este requerimiento.
(To carry out our duties, the SHPO requires that Section A of this form be totally filled-out. For this reason, we will not accept an incomplete form.)

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Appendix C



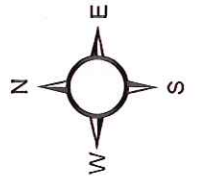
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, IGP, swisstopo, and the GIS User Community, Esri, HERE, DeLorme, TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS user community

Municipality of Comerío

Urban area

Legend

- Outfalls 8115
- barrios2014
- Expansion_Urbana_00
- hidrografia-areas_2006
- Comerio

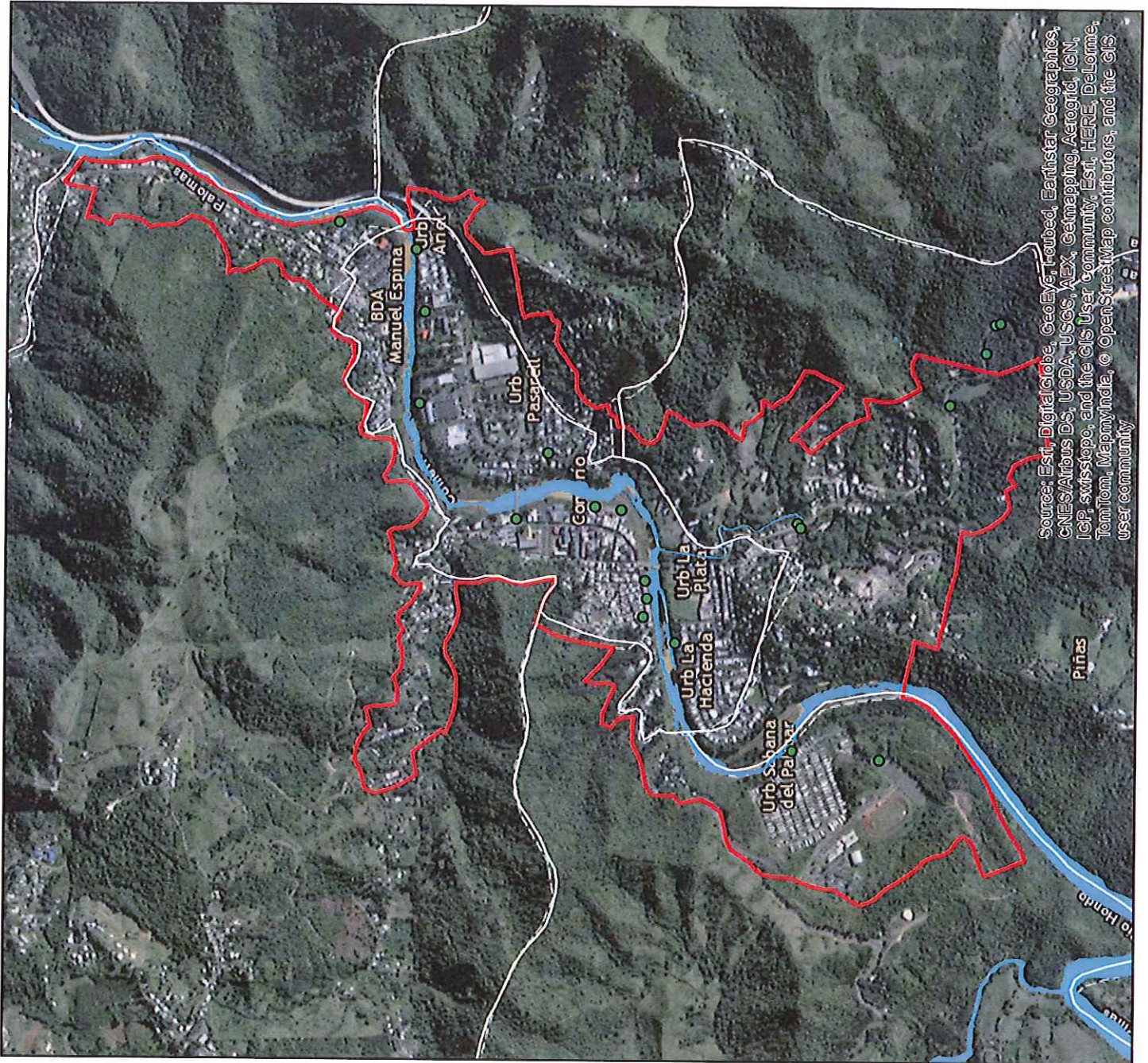
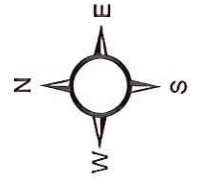


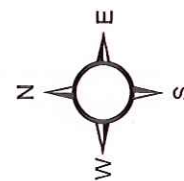
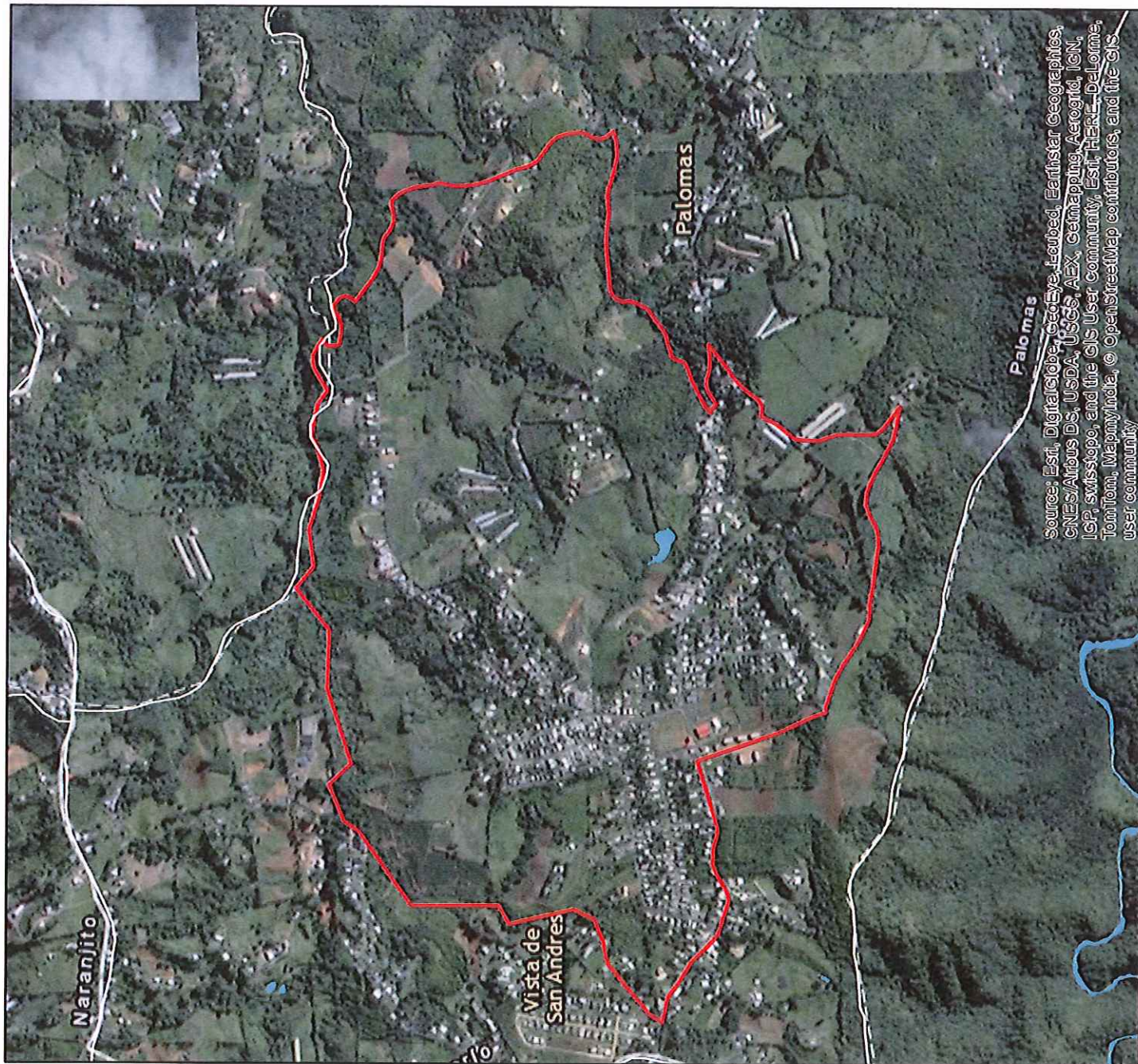
Municipality of Comerío

Urban area

Legend

- Outfalls 8115
- barrios2014
- Expansion_Urbana_00
- hidrografia-areas_2006
- Comerio





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Appendix D

Puerto Rico 2014 305(b) and 303(d) Integrated Report

Table 54: 2014 Cycle 303(d) List – List of Rivers and Streams															
Note: The 2014 303(d) List is comprised of the causes of impairments included in assessment cycles 2014, 2012, 2010, 2008 and 2006.															
Basin	Waterbody Name	Waterbody Size (Miles)	Class	2014 Monitoring Stations NS = Network SPD = Special Project ED = External Data	Designated Uses and Categories Summary					Notes	Potential Pollution Sources	Causes of Impairment (Assessment Cycles)			
					R1	R2	AL	DW				2014	2012	2010	2008
RIO DE LA PLATA PRER10A1	RIO DE LA PLATA PRER10A1	21	SD	NS 50046000	4a	4a	5	5		B	Collection System Failure (0500) Confined Animal Feeding Operations (1640) Major Industrial Point Source (0110) Major Municipal Point Source (0210) Minor Municipal Point Source (0220) Onsite Wastewater Systems (6500) Surfaces Mining (5100)	Turbidity (2500)	Cyanide (0720) Turbidity (2500)	Turbidity (2500)	Cyanide (0720) Turbidity (2500)
RIO DE LA PLATA PRER10A3	RIO DE LA PLATA PRER10A3	55.7	SD	NS 50044000	4a	4a	5	5		B	Agriculture (1300) Confined Animal Feeding Operations (1640) Landfills (6300) Major Municipal Point Source (0210) Onsite Wastewater Systems (6500)	Turbidity (2500)	Low Dissolved Oxygen (1200) Turbidity (2500)	Low Dissolved Oxygen (1200) Turbidity (2500)	Cyanide (0720) Low Dissolved Oxygen (1200)

Puerto Rico 2014 305(b) and 303(d) Integrated Report

Table 54: 2014 Cycle 303(d) List – List of Rivers and Streams																
Note: The 2014 303(d) List is comprised of the causes of impairments included in assessment cycles 2014, 2012, 2010, 2008 and 2006.																
Basin	Waterbody Name	Waterbody Size (Miles)	Class	2014 Monitoring Stations NS = Network SPD = Special Project Delisting ED = External Data	Designated Uses and Categories Summary				Notes	Potential Pollution Sources	Causes of Impairment (Assessment Cycles)					
					4a	4b	5	Summary			2014	2012	2010	2008	2006	
																RI
	RIO DE LA PLATA PRR10A4	10.2	SD	NS 50043000			4a	5	5	B	Agriculture (1300) Confined Animal Feeding Operations (1640) Landfills (6300) Minor Industrial Point Source (0120) Onsite Wastewater Systems (6500)	Turbidity (2500)		Turbidity (2500)	Cyanide (0720) Turbidity (2500)	
	RIO DE LA PLATA PRR10A5	92.7	SD	NS 50042500 ED PRI30856	4a		4a	5	5	B, L, P	Collection System Failure (0500) Confined Animal Feeding Operations (1640) Major Municipal Point Source (0210) Minor Industrial Point Source (0120) Onsite Wastewater Systems (6500) Urban/Runoff/Storm Sewers (4000)	Copper (0530) Lead (0550) Mercury (0560) Turbidity (2500)				Arsenic (0510) Cyanide (0720) Surfactants (0400) Turbidity (2500) Copper (0530)

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