MUNICIPAL STORM WATER MANAGEMENT PROGRAM OFFICE

NOTICE OF INTENT (NOI) FOR COVERAGE UNDER THE SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) GENERAL PERMIT

NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM
PERMIT NUMBER: PRR040077

USEPA OEPD RECEIVED
2016 SEP 28 AM 9: 22

SUBMITTED TO:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CARIBBEAN ENVIRONMENTAL PROTECTION DIVISION
CITY VIEW PLAZA SUITE 7000
#48 165 RD KM 1.2
GUAYNABO, PUERTO RICO 00968

SUBMITTED BY:

MUNICIPALITY OF YAUCO
COMMONWEALTH OF PUERTO RICO
P.O. Box 1
Yauco, Puerto Rico 00698

Honorable Abel Nazario Quiñones
Mayor

TABLE OF CONTENTS:

PART A. GENERAL INFORMATION 1

PART B. PRIMARY MS4 PROGRAM MANAGER CONTACT INFORMATION..... 1

PART C. ELIBILITY CRITERIA..... 2

PART D. MAP/BOUNDARIES 2

PART E. MS4 INFRASTRUCTURE..... 2

PART F. BYLAW/ORDINACE DEVELOPMENT 2

PART G. RECIEVING WATERS 3

PART H. SUMMARY OF STORMWATER MANAGEMENT UNDER 2006 SMALL

MS4 PERMIT..... 4

PART I. 2016 STORMWATER MANAGEMENT PROGRAM (SWMP) SUMMARY 8

PART J. APPLICATION CERTIFICATION AND SIGNATURE 14

APPENDIXES

APPENDIX A: LETTER TO FWLS

APPENDIX B: SWMP MAPS

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 YAUCO, PUERTO RICO
2. Type: ◯ Federal ◯ State ⓧ Municipality ◯ Other: _____
3. Existing Permittee: ⓧ Yes ◯ No If yes, provide EPA NPDES Permit Number: PRR040077
4. Location Address:
   a. Street: CITY HALL OFFICES, SANTIAGO VIVALDI AVENUE
      PUEBLO WARD
   b. City: YAUCO State: PR Zip Code: 00698
5. Mailing Address:
   a. Street: P.O. BOX 01
   b. City: YAUCO State: PR Zip Code: 00698
6. Telephone Number: (787) 267-2004 Fax: _____
7. E-mail: oficinadelalcaldeyauco@gmail.com | victortorres995@gmail.com
8. Standard Industrial Classification (SIC) Code (see instructions for common codes): 9199
9. Latitude: (use the format provided.) Longitude: (use the format provided.)
   2.2.4.2 *Approximate center of the regulated portion of the MS4.*

18° 02′ 03″ N (degrees, minutes, seconds) 66° 50′ 57″ W (degrees, minutes, seconds)

Or

18.0342° N (degrees decimal) 66.8493° W (degrees decimal)

Part B. Primary MS4 Program Manager Contact Information

1. Name: VICTOR TORRES
2. Position Title: OFFICIAL MAYOR OFFICE
3. Stormwater Management Program (SWMP) Location (web address or physical location): _____
   CITY HALL OFFICES, SANTIAGO VIVALDI AVENUE, PUEBLO WARD, YAUCO PR 00698
4. Mailing Address:
   a. Street: P.O. BOX 01
   b. City: YAUCO State: PR Zip Code: 00698

5. Telephone Number: (787) 267-2004

6. E-mail: victortorres995@gmail.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 ◯ F

LETTER SENT TO FWLS, AGENCY HAVE NOT RESPONDED YET. ELEGIBILITY CRITERIA BASED ON INSTRUCTIONS ON APPENDIX C OF NOI.

2. National Historic Preservation Act (NHPA) determination complete? ⓧ Yes ◯ No

   a. Eligibility Criteria (check all that apply): ⓧ A ◯ B ◯ C ◯ D

ELEGIBILITY CRITERIA BASED ON NHPA INVENTORY AND ASSESSMENT FOLLOWED ON APPENDIX D OF NOI.

Part D. Map/Boundaries

1. MS4/Organization Description of regulated boundaries (narrative):

THE MUNICIPALITY OF YAUCO OPERATES A MS4 WITHIN YAUCO UA97561. THIS UA IS AROUND 46.55 MI2 EXTENDED OVER SABANA GRANDE, GUANICA GUAYANILLA, PEÑUELAS, PONCE AND 11 WARDS OF YAUCO. THE MS4 INCLUDES THE OLD TOWN URBAN ZONE AND RURAL AREAS WITHIN THE UA, MUNICIPAL ROADS AND FACILITIES. THE SYSTEM IS INTERCONNECTED WITH THE MS4 OPERATED BY THE PRHTA MAINLY COMPOSED BY CATCH BASINS LOCATED MAINLY IN THE URBAN ZONE (2.9 MI2), ON MUNICIPAL ROADS INCLUDING CURBS, GUTTERS, DITCHES, INLETS AND OPEN CHANNELS, SOME INTERCONNECTED BY UNDERGROUND PIPES WHICH DISCARGE TO NEARBY WATER BODIES.

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? (*Section 4.2.3 of 2006 general permit*): 55 %

   a. If 100% of 2006 requirements are not met, enter an estimated date of completion: 09/2017 (MM/DD/YYYY)

   b. Web address where MS4 map is published: MAP INCLUDED ATTACHED TO NOI DOCUMENT.
   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: 08/19/2014 (MM/DD/YYYY)

2. Construction/Erosion and Sediment Control authority adopted? ⓧ Yes ◯ No
   a. Effective Date or Estimated Date of Adoption: 08/19/2014 (MM/DD/YYYY)
3. Post-Construction Stormwater Management adopted? ⓧ Yes ◯ No
   a. Effective Date or Estimated Date of Adoption: 08/19/2014 (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)
YAUCO RIVER	10 ASSESSED	NO	- 2014: LOW DISSOLVED OXYGEN - 2012: PHOSPHORUS TURBIDITY	FECAL COLIFORMS (SEPTEMBER 2012)
BERRENCHIN CREEK	19 ASSESSED	NO	N/A	N/A
SUSUA CREEK	NOT ASSESSED YET	NO	N/A	N/A
LOCO RIVER	NOT ASSESSED YET	NO	- 2014: LOW DISSOLVED OXYGEN - 2012: LOW DISSOLVED OXYGEN	FECAL COLIFORMS (SEPTEMBER 2012)

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, BMP-1.A MUNICIPAL EMPLOYEES TRAINING	YES	YES	-STORM WATER COMITTEE -OFFICE OF EMERGENCY MANAGEMENT -CITIZEN AID OFFICE -PUBLIC WORKS DEPARTMENT	-EXPRESS ON SWMP SPECIFIC MESSAGES -IDENTIFY RESPONSIBLE PARTIES FOR PROGRAM IMPLEMENTATION
MCM-1, BMP-1.B MEDIA EDUCATIONAL CAMPAIGN	YES	YES	-YAUCO AL DíA-RADIO SHOW AUDIENCE -FACEBOOK PAGE FOLLOWERS	-EXPRESS ON SWMP SPECIFIC MESSAGES. -FOCUS ON POLLUTANTS OF CONCERN.
MCM-1, BMP-1.C CLASSROOM EDUCATION ON STORM WATER	YES	YES	- MUNICIPAL EMPLOYEES IN CHARGE OF EDUCATION OUTREACH TO SCHOOLS WERE TRAINED AND MATERIAL COMPLETED.	-EXPRESS ON SWMP SPECIFIC MESSAGES. -FOCUS ON POLLUTANTS OF CONCERN.
MCM-1, BMP-1.D COMMERCIAL EDUCATION ON STORM WATER	YES	YES	-COMMERCIAL OWNERS YAUCO URBAN ZONE	-EXPRESS ON SWMP SPECIFIC MESSAGES. -IDENTIFY TARGET AUDIENCE -FOCUS ON POLLUTANTS OF CONCERN.
MCM-1, BMP-1.E RESIDENTIAL EDUCATION ON STORM WATER	YES	YES	-CITIZENS PARTICIPATING IN MUNICIPAL ACTIVITIES AND COMMUNITY LEADERS.	-EXPRESS ON SWMP SPECIFIC MESSAGES. -IDENTIFY RESPONSIBLE PARTIES FOR PROGRAM IMPLEMENTATION. -IDENTIFY TARGET AUDIENCE.
MCM-1, BMP-1.F CONSTRUCTION INDUSTRY EDUCATION	NO	YES	- IMPLEMATION PLAN DEVELOPMENT DELAYED.	-UPDATE IMPLEMENTATION SCHEDULES. -IDENTIFY RESPONSIBLE PARTIES FOR PROGRAM IMPLEMENTATION.
MCM-1, BMP-1.G MUNICIPAL FACILITIES MAINTENANCE	YES	YES	-OFFICE OF EMERGENCY MANAGEMENT -PUBLIC WORKS DEPARTMENT	-UPDATE IMPLEMENTATION SCHEDULES. -IDENTIFY RESPONSIBLE PARTIES FOR PROGRAM IMPLEMENTATION. -FOCUS ON POLLUTANTS OF CONCERN.
MCM-2, BMP-2.A STORM DRAIN STENCILING PROGRAM	YES	YES	QUOTES WERE OBTAINED FROM TWO COMPANIES FOR ID'S BUT DELAYED DUE TO BUDGET CONSTRAINS.	

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-2, BMP-2.B SPONSOR ANNUAL CLEANING	YES	YES	- RECYCLING OFFICE - YAUCO CITIZENS - UNIVERSITY OF PR AT MAYAGUEZ	- ENCOURAGE PARTICIPATION TROUGH FACEBOK PAGE.
MCM-2, BMP-2.C SUPPORT LOCAL ORGANIZATIONS	YES	YES	- PROTECTORES DE CUENCAS	- ENCOURAGE OTHER ORGANI-ZATIONS PARTICIPATION. -PROVIDE COMMENT PERIOD TO ORGANIZATION ON SWMP AND ANNUAL REPORTS.
MCM-2, BMP-2.D COMMUNITY HOTLINE	YES	YES	- MUNICIPAL EMPLOYEES - YAUCO CITIZENS	
MCM-3, BMP-3.A STORM WATER MAP	YES	YES	-BACKGROUND INFORMATION SEARCH - YAUCO RIVER URBAN ZONE ASSESSED. - BERRENCHíN CREEK URBAN ZONE ASSESSED.	-MODIFY SCHEDULE. -INCLUDE NEW PERMIT REQUIREMENTS. -COMPLETE OUTFALL INVENTORY.
MCM-3, BMP-3.B LEGAL PROHIBITION AND ENFORCEMENT	YES	YES	-ORDINANCE DEVELOPED AND PUBLISHED.	-MODIFY SCHEDULE FOR ENFORCEMENT.
MCM-3, BMP-3.C ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN (IDDEP)	NO	YES	TIMEFRAME OF SCHEDULE NOT IN CURRENT PERMIT CYCLE TRAINING WAS INITIATED FIRST.	-MODIFY IMPLEMENTATION SCHEDULE. -DEVELOP SOP'S FOR SCREENING AND SAMPLING. -DEVELOP SOP'S FOR CATCHMENT INVESTIGATION. - DEVELOP SOP FOR ID PREVENTION.
MCM-3, BMP-3.D EDUCATIONAL OUTREACH	YES	YES	-OFFICE OF EMERGENCY MANAGEMENT -PUBLIC WORKS DEPARTMENT	- EXTEND EDUCATION OUTREACH TO TARGETED COMMUNITIES. - SCHEDULE ANNUAL TRAINING TO MUNICIPAL EMPLOYEES IN CHARGE OF IDDEP.
MCM-4, BMP-4.A DEVELOP STANDARD OPERATING PROCEDURES (SOP'S)	NO	YES	SOP DEVELOPMENT WAS DELAYED DUE TO OTHER PROJECT GOALS IN PROCESS AND DUE TO LACK OF PERSONNEL ASSIGNMENT.	-INCLUDE IN SITE PLANS REVIEW SOP OPPORTUNITIES OF LOW IMPACT GREEN INFRASTRUCTURE. -INCLUDE PRE-CONSTRUCTION REVIEW SOP. -MODIFY SCHEDULE OF SOP DEVELOPMENT.

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-4, BMP-4.B TRAINING PROGRAM AND PUBLIC EDUCATION	NO	YES	BMP NOT SCHEDULED FOR PERMIT CYCLE TIMEFRAME SINCE SWMP IMPLEMENTATION STARTED.	
MCM-4, BMP-4.C IMPLEMENTATION OF CONSTRUCTION SITE RUNOFF CONTROL PROGRAM (CSRCP)	NO	YES	DELAYED DUE TO OTHER PROJECT GOALS IN PROCESS AND DUE TO LACK OF PERSONNEL ASSIGNMENT.	UPDATE TO IMPLEMENATION SCHEDULES.
MCM- 5, BMP-5.A SOP'S FOR POST CONSTRUCTION RUNOFF CONTROL PROGRAM (PCRCP)	NO	YES	DELAYED DUE TO OTHER PROJECT GOALS IN PROCESS AND DUE TO LACK OF PERSONNEL ASSIGNMENT.	INCLUDE PROJECTS OF 1 ACRE OR LESS IF PART OF A MAJOR COMMON PROJECT.
MCM-5, BMP-5.B IMPLEMENT STRUCTURAL BMP'S GUIDELINES AND SOP'S FOR PUBLIC PROJECTS	NO	YES	BMP NOT SCHEDULED FOR PERMIT CYCLE TIMEFRAME SINCE SWMP IMPLEMENTATION STARTED.	DEVELOP LONG TERM MAINTENANCE POST CONSTRUCTION STORMWATER CONTROL MEASURES.
MCM-5, BMP-5.C TRAINING PROGRAM AND PUBLIC EDUCATION	NO	YES	BMP NOT SCHEDULED FOR PERMIT CYCLE TIMEFRAME SINCE SWMP IMPLEMENTATION STARTED.	UPDATE TO IMPLEMENATION SCHEDULES.
MCM-5, BMP-5.D IMPLEMENTATION OF PCRCP	NO	YES	BMP NOT SCHEDULED FOR PERMIT CYCLE TIMEFRAME SINCE SWMP IMPLEMENTATION STARTED.	UPDATE TO IMPLEMENATION SCHEDULES.
MCM-6, BMP-6.A TRAINING PROGRAM AND PUBLIC EDUCATION	YES	YES	-OFFICE OF EMERGENCY MANAGEMENT -PUBLIC WORKS DEPARTMENT -MUNICIPAL POLICE	
MCM-6, BMP-6.B IMPLEMENT INFRASTRUCTURE MAINTENANCE AND OPERATION PROGRAM	YES	YES	-OFFICE OF EMERGENCY MANAGEMENT -PUBLIC WORKS DEPARTMENT	-DEVELOP A PROGRAM DETAILING ACTIVITIES AND PROCESSES AND TIME FRAME TO REDUCE POLLUTANT DISCHARGE TO MS4. - UPDATE IMPLEMENTATION SCHEDULE.

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-6, BMP-6.C IMPLEMENT MUNICIPAL ACTIVITIES MAINTENANCE AND OPERATION PROGRAM	YES	YES	-OFFICE OF EMERGENCY MANAGEMENT -PUBLIC WORKS DEPARTMENT -RECYCLING OFFICE	-ENFORCE DOCUMENTATION OF NO. OF CATCH BASINS CLEANED, INSPECTED AND V OLUME OF MATERIAL RECOVERED ON ANNUAL BASIS. -DOCUMENT MILES OF STREET CLEANED. - ENFORCE REPORT STATUS OF OPERATION AND MAINTENANCE PROGRAMS AND MAINTENANCE ACTIVITES. -ENFORCE REPORT MAINTENANCE AND INSPECTION ACTIVITIES.

Part I. 2016 Stormwater Management Program (SWMP) Summary

Public Education and Outreach (See Section 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.)
MCM-1, BMP-1.A MUNICIPAL EMPLOYEES TRAINING	-HOW MUNICIPAL PRACTICES IMPACT THE STORMWATER SYSTEM. -EDUCATION OF POC ENFORCEMENT ACTIONS. -POLLUTANTS OF CONCERN. -SPECIFIC TOPICS TO PERSONNEL WHO HAVE A ROLE IN THE IMPLEMENTATION OF THE SWMP. -SWPPP IMPLEMENTATION. -DOCUMENTS AND VIOLATIONS PROCESSING IN ACCORDANCE ON DEVELOPED SOP'S.	PRESENTATIONS / PAMPHLETS / SOPS	GOAL: INTRODUCE EMPLOYEES TO THE PRO-GRAM AND EDUCATE 100% OF MUNICIPALITY'S EMPLOYEES OVER THE PERMIT PERIOD. MEASURE: PARTICIPATION RECORDS (SIGNING SHEETS)
MCM-1, BMP-1.B MEDIA EDUCATIONAL CAMPAIGN	- FOCUS ON RUNOFF POLLUTANTS SOURCES, REPORT ILLICIT DISCHARGES AND PROPER MAINTENANCE OF STORMWATER INFRASTRUCTURE. - ANNOUNCE SPECIAL ACTIVITIES RELATED TO THE PROGRAM FOR PUBLIC INVOLVEMENT. - POC ENFORCEMENT ACTIONS AND HOW TO REPORT VIOLATIONS. - POLLUTION PREVENTION/HOUSEKEEPING OF MUNICIPAL FACILITIES.	-SPOT ON "YAUCO AL DÍA". RADIO PARTICIPATION ON STATION 1330 AM. -POST EDUCATIONAL MATERIAL ON THE FACEBOOK PAGE.	GOAL: REACH COMMUNITY SECTORS THAT MAY NOT HAVE ACCESS TO THE INTERNET OR TAKE PART OF LOCAL ACTIVITIES WHERE EDUCATIONAL MATERIALS ARE PROVIDED. MEASURE: AUDIENCE PARTICIPATION RECORDS GOAL: USE SOCIAL NETWORKS TO MAKE AVAILABLE STORMWATER EDUCATION TO GENERAL PUBLIC AND INVOLVE THE COMMUNITY ON PROGRAM ACTIVITIES. MEASURE: PAGE AND POSTED MATERIAL LIKES AND SHARES.
MCM-1, BMP-1.C CLASSROOM EDUCATION ON STORM WATER	AWARENESS ON WATER QUALITY PRACTICES, CONSERVATION AND COMMUNITY INVOLVEMENT. HOW RUNOFF POLLUTANTS SUCH AS TRASH, PESTICIDES, OILS, BACTERIA AND HOUSEHOLD MATERIALS TRAVEL IN STORMWATER AND END UP INTO NEARBY STREAMS AND THE DEGRADATION TO WATER QUALITY.	PRESENTATIONS / FACTSHEETS / QUESTIONNAIRES	GOAL: INTRODUCE STORMWATER EDUCATION TO SCHOOLS PRINCIPAL IN ORDER TO IDENTIFY AND SUPPLY REQUIRED EDUCATIONAL RESOURCES FOR 8 SCHOOLS WITH SEVEN GRADES AND 2 SCHOOLS WITH TEN GRADES WITHIN THE MUNICIPALITY TO COORDINATE SEMINARS TO ALL SEVEN GRADE (7) AND SOPHOMORE GRADE STUDENTS (10). MEASURE: NUMBER OF SCHOOLS REACHED AND SEVEN GRADE AND SOPHOMORE GRADE STUDENT PARTICIPATION RECORDS FROM SCHOOL.
MCM-1, BMP-1.D COMMERCIAL EDUCATION ON STORM WATER	- PROPER OIL AND GREASE MANAGEMENT AND DISPOSAL, VEHICLE WASHING, HAZARDOUS WASTES MANAGEMENT AND DISPOSAL, PARKING AND LANDSCAPE AREAS MAINTENANCE AND SEDIMENT CONTROL. -POC ENFORCEMENT ACTIONS. - REPORT VIOLATIONS.	POSTERS / BROCHURES / FACT SHEETS	GOAL: INTRODUCE GOOD HOUSEKEEPING PRACTICES TO TARGETED COMMERCIAL ACTIVITIES FROM RESTAURANTS, AUTO MAINTENANCE SHOPS, BUSINESS AND CONSTRUCTION. MEASURE: COMMERCIAL AND BUSINESS PERSONNEL RECEIVING THE INFORMATION (SIGNING SHEET).
MCM-1, BMP-1.E RESIDENTIAL EDUCATION ON STORM WATER	- NEARBY STREAMS FECAL COLIFORM POLLUTION FROM RUNOFF, OVERFLOWS, ILLEGAL CONNECTIONS & SEPTIC TANKS MAINTENANCE. - INTRODUCE HEALTHY HOUSEHOLD HABITS TO PROTECT WATER RESOURCES. - EDUCATION OF ENFORCEMENT ACTIONS AND REPORT VIOLATIONS.	EDUCATIONAL BOOTH ON MUNICIPALITIES ACTIVITIES / BROCHURES ON MUNICIPALITY'S OFFICES / MEDIA CAMPAIGN	GOAL: EDUCATE HOMEOWNERS ON STORMWATER POLLUTION SOURCES AND THEIR ROLE ON ITS CONTROL. MEASURE: NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED.
MCM-1, BMP-1.F CONSTRUCTION INDUSTRY EDUCATION	- POC REQUIREMENTS AND ENFORCEMENT ACTIONS. - BMP'S FOR CONSTRUCTION SITE RUNOFF CONTROL AND POST-CONSTRUCTION AND REDEVELOPMENT STORMWATER MANAGEMENT.	PRESENTATIONS / BROCHURES / FACT SHEETS	GOAL: DEVELOP INFORMATIONAL MATERIAL FOR CONTRACTORS WITH THE REQUIREMENTS AND ENFORCEMENT PROCEDURES OF THE POC ARTICLES RELATED TO CONSTRUCTION ACTIVITIES. PROVIDE GUIDANCE ON APPROVED BMP'S FOR THE ULTIMATE GOAL OF POLLUTION CONTROL FROM CONSTRUCTION SITES STORM WATER CONTROL. MEASURE: PARTICIPATION RECORDS, MUNICIPAL FACEBOOK PAGE AND POSTED MATERIAL LIKES AND SHARES, NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED.
MCM-1, BMP-1.G MUNICIPAL FACILITIES MAINTENANCE	- REDUCTION OF STORMWATER POLLUTANTS FROM MUNICIPAL FACILITIES. - CATCH BASIN CLEANING REPORTING AND VISUAL INSPECTION BY GENERAL PUBLIC. - POLLUTION PREVENTION/HOUSEKEEPING OF MUNICIPAL FACILITIES.	POSTERS / PRESENTATIONS / FACT SHEETS / SIGNS	GOAL: IMPLEMENT SWPPP'S ON MUNICIPAL FACILITIES FOR PROPER STORMWATER POLLUTANTS PREVENTION AND REDUCTION OF BMP'S. MEASURE: EDUCATIONAL MATERIAL ADMINISTERED AND SIGNS ON MUNICIPAL FACILITIES.

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

Public Involvement and Participation (See Section 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.)**
MCM-2, BMP-2.A STORM DRAIN STENCILING PROGRAM	USE VOLUNTEERS COMBINE EFFORTS TO LABEL STORM DRAIN INLETS AND HELP SPREAD THE MESSAGE ON PREVENTING STORMWATER POLLUTION.	NUMBER OF STORM DRAIN STENCILED AND RECORD OF VOLUNTEERS.
MCM-2, BMP-2.B SPONSOR ANNUAL CLEANING	CONTINUE TO SPONSOR AND PROVIDE MUNICIPAL RESOURCES (I.E. TRASH COLLECTING VEHICLES, PERSONNEL, TRASH BAGS, AMONG OTHERS) TO THE "LIMPIEZA INTERNACIONAL DE COSTAS" ORGANIZED BY SCUBA DOGS. HELP TO BROADCAST THE ACTIVITY AMONG RESIDENTS AND COMMERCIAL FACILITIES TO INCREASE PARTICIPATION.	NUMBER OF PARTICIPANTS, WASTE COLLECTED, MILES OF WATERBODIES CLEANED.
MCM-2, BMP-2.C SUPPORT LOCAL ORGANIZATIONS	CONTINUE TO SUPPORT LOCAL ORGANIZATION ("CLUB ROTARIO" AND "PROTECTORES DE CUENCAS") AND CONTINUE TO PROVIDE AN OFFICE SPACE FOR THE ORGANIZATION "PROTECTORES DE CUENCAS".	THE NUMBER OF VOLUNTEERS ATTRACTED TO THE WATERSHED ORGANIZATION; AND THE NUMBER OF ACTION TAKEN AS A RESULT OF THE WATERSHED ORGANIZATION.
MCM-2, BMP-2.D COMMUNITY INFORMATION AVAILABILITY	CONTINUE TO SPREAD THE MESSAGE OF THE COMMUNITY HOTLINE AVAILABLE FOR ILLICIT DISCHARGES AND ELIMINATION. INCLUDE IN THE OFFICE OF CITIZEN AID COPY OF THE SWMP, ANNUAL REPORTS AND PROVIDE COMMENT PERIOD FOR SWMP REVIEW FOR GENERAL PUBLIC AND STORMWATER AND ENVIRONMENTAL ORGANIZATIONS. DEVELOP SWMP EMAIL IN ORDER TO SEND INFORMATION BY REQUEST BY CITIZENS.	NUMBER OF CALLS RECEIVED, AND THE NUMBER OF INCIDENTS IDENTIFIED AND REMEDIED AS A RESULT OF CALLS. NUMBER OF SWMP AND ANNUAL REPORTS REVIEWS REQUESTS.

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

Illicit Discharge Detection and Elimination (See Section 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.)**
MCM-3, BMP-3.A STORM WATER MAP	DEVELOP A STORM SEWER SYSTEM MAP TO DEMONSTRATE A BASIC AWARENESS OF THE INTAKE AND DISCHARGE AREAS OF THE SYSTEM. USEFUL TO DETERMINE THE EXTENT OF DISCHARGED DRY WEATHER FLOWS, THE POSSIBLE SOURCES OF THE DRY WEATHER FLOWS, AND THE PARTICULAR WATER BODIES THESE FLOWS MAY BE AFFECTING.	THE LINEAR FEET OF CONVEYANCES RECORDED; THE NUMBER OF STRUCTURAL POLLUTION CONTROL DEVICES COUNTED; THE NUMBER OF DISCHARGE POINTS RECORDED, MANHOLES AND CATCH BASINS IDENTIFIED, INTERCONNECTIONS WITH OTHER MS4, SANITARY SYSTEMS IDENTIFIED, COMBINED SYSTEMS IDENTIFIED.
MCM-3, BMP-3.B LEGAL PROHIBITION AND ENFORCEMENT	DEVELOP AND IMPLEMENT ACTIONS REQUIRED TO ENFORCE ORDINANCES DEVELOPED UNDER THE POC.	NUMBER OF PENALTIES ENFORCED UPON THE PARTICIPANTS OF ILLEGAL DUMPS; THE NUMBER OF POTENTIAL CONNECTION SITES INVENTORIED.
MCM-3, BMP-3.C ILLICIT DISCHARGE DETECTION AND ELIMINATION PLAN (IDDEP)	FIND, FIX AND PREVENT ILLICIT DISCHARGES, AND IDENTIFY TECHNIQUES TO MEET THESE OBJECTIVES. DEVELOP SOP FOR ILLICIT DISCHARGE PREVENTION. DEVELOP CATCHMENT PRIORITY RANK SYSTEM AND SOP ON CATCHMENT INVESTIGATION. SOP'S ON DRY WEATHER INSPECTIONS ON TARGET AREAS. DEVELOP AN SSO PLAN TO INCLUDE IN THE IDDEP IN COORDINATION WITH PRASA. COMPLETE OUTFALL	NUMBER OF IDENTIFIED TARGET AREAS AND SOURCES, MEETING LOGS WITH CONCERNING AGENCIES, PREVENTION ACTIONS DOCUMENTATION AND ACTIONS TAKEN DOCUMENTATION.
MCM-3, BMP-3.D EDUCATIONAL OUTREACH	INVENTORY. OUTREACH TO, BUSINESSES, PROPERTY OWNERS, AND THE GENERAL PUBLIC, REGARDING WAYS TO DETECT AND ELIMINATE ILLICIT DISCHARGES. ANNUAL TRAINING TO MUNICIPAL EMPLOYEES.	NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED AND AUDIENCES TARGETED THROUGH OUTREACH ACTIVITIES AS DESCRIBED IN MCM #1. TRAININGS PROGRAMS PARTICIPATION.
MCM-3, BMP 3.E SCREENING AND SAMPLING	COMPLETE OUTFALL RECONNAISSANCE & INVENTORY. COMPLETE LABEL OF MS4 OUTFALL PIPES. DEVELOP SOP'S FOR SCREENING AND SAMPLING OF OUTFALLS IN DRY AND WET WEATHER FOR SSO'S. COMPLETE DRY WEATHER AND SCREENING AND SAMPLINGS OF OUTFALLS AND INTERCONNECTIONS.	NUMBER OF OUTFALLS IDENTIFIED. NUMBER OF SAMPLES FOR SAMPLING GATHERED. NUMBER OF DRY WEATHER INSPECTIONS.

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):

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.)**
MCM-4, BMP-4.A DEVELOP STANDARD OPERATING PROCEDURES (SOP'S)	DEVELOP SOP'S FOR PRE-CONSTRUCTION REVISION RELATED TO ENVIRONMENTAL PERMITS BMP'S, SITE PLANS REVIEW, SITE INSPECTIONS AND REVIEW FOR CONSTRUCTION WASTE REDUCTION PLANS TO ASSIST THE IMPLEMENTATION OF THE CSRCP. DESCRIBE THE PROCEDURES TO BE FOLLOWED BY MUNICIPAL REVIEWERS. SOP'S TO INCLUDE OPPURTUNITIES OF LOW IMPACT DESIGN AND GREEN INFRASTRUCTURE.	SOP's AND PROCEDURES COMPLETED.
MCM-4, BMP-4.B TRAINING PROGRAM AND PUBLIC EDUCATION	EDUCATE MUNICIPAL TECHNICIANS, REVIEWERS AND ASSOCIATED PERSONNEL ON THE CSRCP SOP'S AND BMP'S THROUGH THE PEP. DEVELOP INFORMATIONAL MATERIAL TO BE ADMINISTERED TO CONTRACTORS AND GENERAL PUBLIC WITH THE REQUIREMENTS AND ENFORCEMENT PROCEDURES OF THE CSRCP AND POC ARTICLES.	PARTICIPATION RECORDS, MUNICIPAL FACEBOOK PAGE AND POSTED MATERIAL LIKES AND SHARES, NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED.
MCM-4, BMP-4.C IMPLEMENTATION OF CONSTRUCTION SITE RUNOFF CONTROL PROGRAM (CSRCP)	IMPLEMENT AND ENFORCE CSRCP IN ACCORDANCE TO THE POC ARTICLES AND DEVELOPED SOP'S.	NUMBER AND RECORD OF ESPCP'S REVIEWED, NUMBER OF SITE INSPECTIONS, SITE INSPECTION REPORTS AND RECORD OF ENFORCEMENT MECHANISMS USED AND NUMBER OF ACCEPTANCE CERTIFICATION AWARDED TO CONSTRUCTION PROJECTS.
MCM-4, BMP-4.D INVENTORY OF CONSTRUCTION SITES	DEVELOP AND RECORD AND INVENTORY SYSTEM OF ACTIVE PUBLIC AND PRIVATE CONSTRUCTION SITES.	RECORDS OF INVENTORY.

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):

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.)**
MCM- 5, BMP-5.A SOP'S FOR POST CONSTRUCTION RUNOFF CONTROL PROGRAM (PCRCP)	DEVELOP SOP'S FOR MOP REVISION, ENFORCEMENT, SITE INSPECTIONS TO ASSIST THE IMPLEMENTATION OF THE PCRCP. DESCRIBE THE PROCEDURES TO BE FOLLOWED BY MUNICIPAL ENFORCEMENT PERSONNEL. INCLUDE PROJECTS OF 1 ACRE OR LESS IF PART OF A MAJOR COMMON PROJECT.	SOP'S COMPLETED, APPROVED AND EXECUTED.
MCM-5, BMP-5.B IMPLEMENT STRUCTURAL BMP'S GUIDELINES AND SOP'S FOR PUBLIC PROJECTS	DEVELOP STRUCTURAL BMP LISTS AND GUIDELINES FOR PUBLIC PROJECT DEVELOPERS AND MUNICIPALITY TO FOLLOW DURING DESIGN AND POST CONSTRUCTION. INCLUDE IN THE BMP'S GUIDELINES THE SOP'S FOR IMPERVIOUS AREA MINIMIZATION PRACTICES AND STORAGE PRACTICES FOR MUNICIPAL ANNUAL OPERATIONS.	NUMBER OF PUBLIC PROJECTS DESIGN REVIEWED FOLLOWING THE GUIDELINES AND MUNICIPAL PROJECT FOLLOWING GUIDELINES DURING POST CONSTRUCTION PHASE. MUNICIPAL OPERATION IMPROVED CONSIDERING SOP'S.
MCM-5, BMP-5.C TRAINING PROGRAM AND PUBLIC EDUCATION	EDUCATE MUNICIPAL TECHNICIANS, REVIEWERS AND ASSOCIATED PERSONNEL ON THE PCRCP SOP'S AND BMP'S THROUGH THE PEP. DEVELOP INFORMATIONAL MATERIAL TO BE ADMINISTERED TO DEVELOPERS/OWNERS AND GENERAL PUBLIC WITH THE REQUIREMENTS AND ENFORCEMENT PROCEDURES OF THE PCRCP AND POC ARTICLES.	PARTICIPATION RECORDS, MUNICIPAL FACEBOOK PAGE AND POSTED MATERIAL LIKES AND SHARES, NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED.
MCM-5, BMP-5.D IMPLEMENTATION OF PCRCP	IMPLEMENT AND ENFORCE PCRCP IN ACCORDANCE TO THE POC ARTICLES AND DEVELOPED SOP'S.	NUMBER AND RECORD OF MOP'S REVIEWED, NUMBER OF SITE INSPECTIONS, SITE INSPECTION REPORTS, ANNUAL MAINTENANCE REPORTS RECEIVED AND RECORD OF ENFORCEMENT MECHANISMS USED.

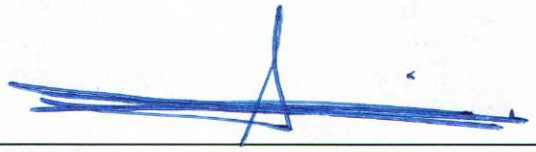
Part I. 2016 Stormwater Management Program (SWMP) Summary (continued)

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

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.)**
MCM-6, BMP-6.A TRAINING PROGRAM AND PUBLIC EDUCATION	EDUCATE MUNICIPAL PERSONNEL INVOLVED IN POTENTIALLY POLLUTING ACTIVITIES ON BMP'S. DEVELOP INFORMATIONAL MATERIAL TO BE ADMINISTERED TO GENERAL PUBLIC IN ORDER TO REDUCE POLLUTANTS WHEN FACILITIES ARE USED. DEVELOP INFORMATIONAL MATERIAL FOR RESIDENTIAL, COMMERCIAL AND CONSTRUCTION INDUSTRY ON PROPER RECYCLING, HAZARDOUS AND LANDSCAPE MATERIAL WASTE MANAGEMENT, STORAGE AND COLLECTION, PET WASTE AND LITTER CONTROL AND OUTREACH ACTIVITIES INCLUDING INDUSTRY EDUCATION ON VEHICLE MAINTENANCE, STORAGE AND REPAIR BMP'S FOR STORMWATER POLLUTION PREVENTION.	PARTICIPATION RECORDS, MUNICIPAL FACEBOOK PAGE AND POSTED MATERIAL LIKES AND SHARES, NUMBER OF EDUCATIONAL MATERIAL ADMINISTERED.
MCM-6, BMP-6.B IMPLEMENT INFRASTRUCTURE MAINTENANCE AND OPERATION PROGRAM	DEVELOP IMOP WITH ACTIVITIES, PROCEDURES AND SCHEDULE FOR THE MAINTENANCE TO REDUCE DISCHARGE OF POLLUTANTS FROM THE MS4. OPTIMIZE ROUTINE INSPECTIONS, CLEANING AND MAINTENANCE OF CATCH BASINS AND STREETS BY DEVELOPING NEW SCHEDULES, INSPECTIONS CHECKLISTS, RECORD KEEPING, AND CLEANING PROCEDURES.	ACTIVITIES AND SCHEDULES IMPLEMENTED, RECORD OF PROCEDURES AND INSPECTIONS.
MCM-6, BMP-6.C IMPLEMENT MUNICIPAL ACTIVITIES MAINTENANCE AND OPERATION PROGRAM	DEVELOP BMP MOP'S FOR MUNICIPAL FACILITIES IN ORDER TO CONTROL/ REDUCE POLLUTION SOURCES FROM MUNICIPAL ACTIVITIES. ENFORCE SWMPP'S DEVELOPED AND DOCUMENT NO. OF CATCH BASINS CLEANED AND VOLUME OF EMPTIED MATERIAL. REPORT MILES OF STREETS CLEANED. REPORT STATUS OF O&M PROGRAMS AND MAINTENANCE INSPECTIONS.	PROGRAMS ACTIVITIES, SCHEDULES IMPLEMENTED MAINTENANCE RECORDS.

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: Abel Nazario Quiñones

Title: Mayor Date: 9/23/2016

APPENDIX A: LETTER TO FWLS

Abel Nazario Quiñones
Alcalde

ESTADO LIBRE ASOCIADO DE PUERTO RICO
GOBIERNO MUNICIPAL DE YAUCO
APARTADO 1
OFICINA DEL ALCALDE
YAUCO, PUERTO RICO 00698
TÉLEFONO (787) 267-2004

August 11, 2016.

Ángel G. Colón
U.S. FWS - Region 4 (Southeast Region)
U.S. Fish and Wildlife Services
Carr. 201, Km. 5.1 Barrio Corozo
Boquerón, PR 00622

REF: Endangered Species Act Eligibility Determination - 2016 General Permit MS4

Mr. Colón:
In order to meet the obligations under the Clean Water Act and the Endangered Species Act (ESA), and to promote the goals of those Acts, the U.S. Environmental Protection Agency (EPA) is seeking to ensure the activities regulated by the 2016 General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems in Puerto Rico do not adversely affect endangered and threatened species and critical habitats.

The Municipality of Yauco operates a MS4 located within the Yauco urbanized area (UA) 97561, as indentified by 2010 Census, which is estimated to be around 46.55 square miles extended over the municipalities of Yauco Sábana Grande, Guánica, Guayanilla, Peñuelas and Ponce. There are 11 of 21 of the Municipality of Yauco Wards within this UA (Susúa Alta, Almácigo Alto, Almácigo Bajo, Diego Hernández, Quebradas, Jácana, Pueblo, Barinas, Susúa Baja, Sierra Alta, Duey and Caimito).

The estimated urban zone area, identified on the map attached to this letter, within the Municipality of Yauco boundaries, is around 2.9 square miles. The municipality mainly operates a MS4 which includes the old town urban zone and rural areas within the municipality. The system which is interconnected with the stormwater system operated and maintained by the Puerto Rico Highway and Transportation Authority (PRHTA) is mainly composed by catch basins located within the urban area, state and municipal roads stormwater collection system including curbs, gutters, culverts, ditches, inlets, and open channels, some interconnected by underground pipes which discharge to nearby streams.

Yauco hydrographic system is mainly composed by the Yauco and Loco Rivers. It is estimated that two thirds parts of Yauco's urban zone, lies over Yauco's River watershed and the remaining urban zone lies over the Rio Loco watershed. Yauco River watershed has an area of 46.1 square miles and it is mainly extended over the Yauco municipality boundaries but also includes part of the Municipality of Guayanilla. It is originated on Frailes Ward flowing towards the Lucchetti reservoir until discharging on the Guayanilla Bay, approximately 22 miles downstream. Its main tributary is the Duey River but also includes the Chiquito and Naranjo rivers and the Grande, La Granja, Quebradas and Berrechín creeks. Loco River watershed has an area of 24.7 square miles, extended over Yauco, Sabana Grande and Guánica. It originates on Frailes

ward, flows through the Loco reservoir and has an estimated longitude of 17.6 miles until discharging on the Guánica Bay. Its main tributary is the Grande Creek but it also includes the tributary creeks Fría, Mangó Prieto and Susúa.

The Municipality of Yauco is in the process of implementing its revised Storm Water Management Plan (SWMP), in which additional information related to MS4 infrastructure will be assessed including the development of a map showing the location of all outfalls and the names and location of all waters of the United States that receive discharges from those outfalls. The Municipality will start developing the map by collecting outfalls data on the old town, including discharges to Berrenchín Creek and Yauco River. As part of the SWMP implementation, the Municipality approved the Yauco Public Order Code in August 2014 in which it was included related ordinances to prohibit illicit discharges to water bodies or the storm water collection system, prohibit illegal connections, specify requirements to prevent, control and reduce contaminants on storm water by the implementation of best management practices on municipal facilities, require construction control of erosion and sedimentation plans revision procedures and specify requirements for post construction controls on stormwater infrastructure, among others.

The Municipality of Yauco is applying for the 2016 permit coverage and must assess the impacts of their storm water discharges and discharge-related activities on Federally listed endangered and threatened species and designated critical habitat to ensure that those goals are met. Prior to obtaining general permit coverage, the Municipality needs to meet the ESA eligibility provisions of the permit in the Notice of Intent (NOI) to be submitted on October 1, 2016.

Based on the ESA eligibility requirement criteria the municipality have reviewed the endangered, threatened and critical habitat status of the species listed on the Caribbean endangered Species Map, prepared by your Agency, including its distribution location. Related to stormwater discharge activity, it was found there are endangered species identified in the Municipality of Yauco Coastal Zone (Carey, Tinglar and Manatí Antillano). As believed by the EPA we understand that the issuance of the NPDES Small MS4 General Permit, may affect, but is not likely to adversely affect any threatened or endangered species. Since the species are in the coastal zone, we understand that within the near proximity to the storm water discharges or discharge related activities, in the urbanized area of the Municipality of Yauco, critical habitats, threatened or endangered species may not likely adversely affected. Additionally, the Municipality of Yauco understands that with the issuance of this permit the SWMP program may continue to progress and the implementation of Best Management Practices will help improve the quality of the water bodies in our area.

We understand that the eligible criteria for the Municipality of Yauco is *Criterion A: No endangered or threatened species or critical habitat are in proximity to the storm water or discharge related activities*. In order to corroborate this information we are submitting this consultation for your review and comments. Also we are including a map in which the urbanized and urban areas of the Municipality are identified along a hydrological map identifying the principal rivers within our municipality limits.

Shall you have any questions do not hesitate to contacting Mr. Víctor Torres, SWMP Program Coordinator in our Municipality, (787) 856-1340.

Cordially,

Abel Nazario Quiñones
Mayor - Municipality of Yauco

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Caribbean Ecological Services
Field Office
P.O. Box 491
Boqueron, PR 00622

SEP 28 2016

In Reply Refer To:
FWS/R4/CESFO/72-153-GEN

Mr. Abel Nazario Quiñones
Mayor
Municipality of Yauco
Apartado 1
Yauco, Puerto Rico 00698

Re: Yauco NPDES MS4-2014
Permit

Dear Mayor Nazario:

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 Yauco, 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.

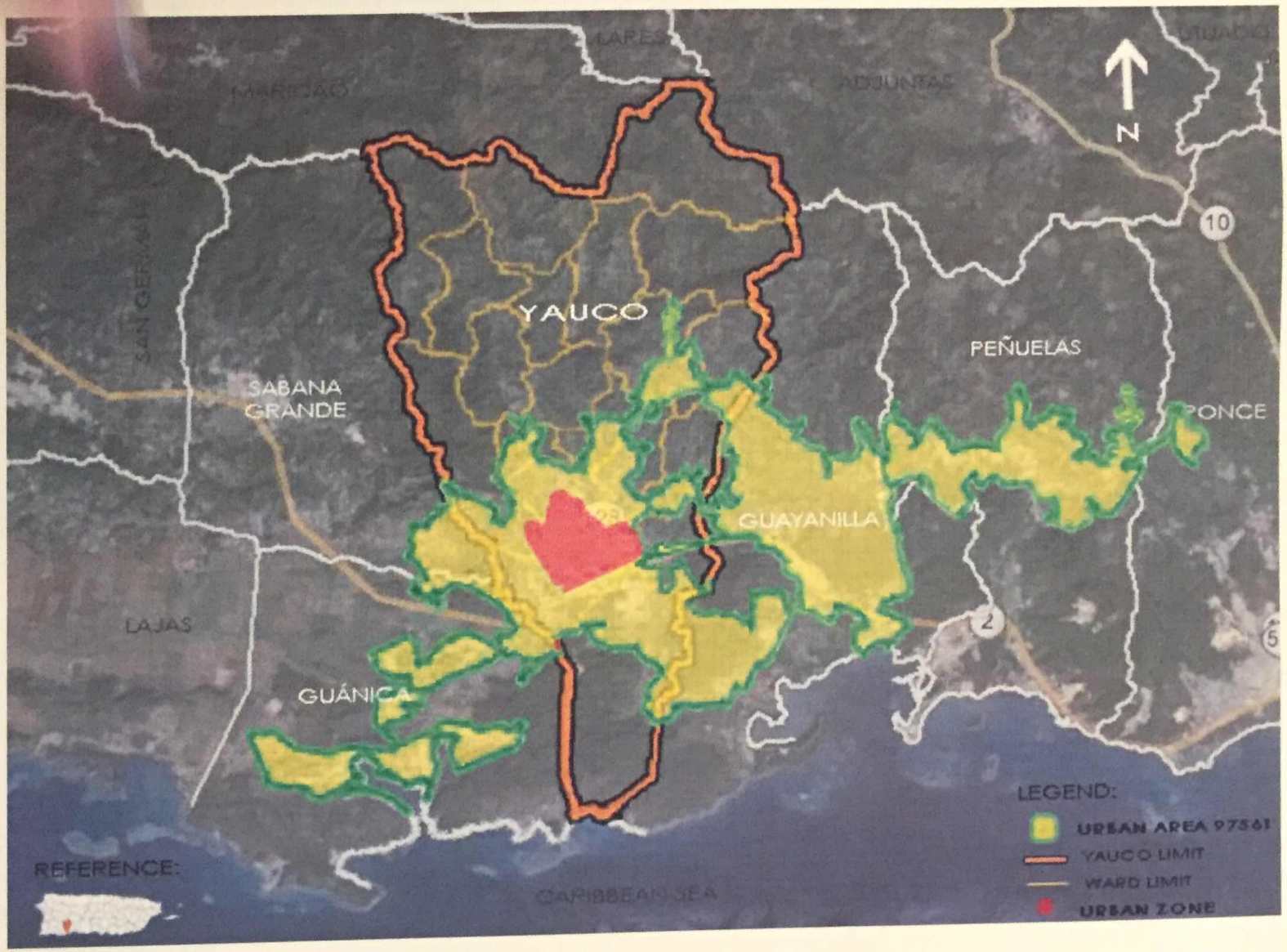
Sincerely yours,

for Edwin E. Muñiz
Field Supervisor

agcs

cc
EPA, San Juan

Appe 1: Urban Zone and Urbanized Area | Municipality of Yauco Boundaries



Appendix No. 2: Loco and Yauco Rivers Watersheds (source Department of Natural and Environmental Resources)



7014 0340 0000 7421 0263

U.S. Postal Service

CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

BOQUERON, PR 00622

OFFICIAL USE

Certified Mail Fee	$3.30	0646
$		11
Extra Services & Fees *(check box, add fee as appropriate)*		
☐ Return Receipt (hardcopy)	$ $2.70	
☐ Return Receipt (electronic)	$ $0.00	
☐ Certified Mail Restricted Delivery	$ $0.00	Postmark Here
☐ Adult Signature Required	$ $0.00	
☐ Adult Signature Restricted Delivery	$	
Postage	$1.36	
$		08/24/2016
Total Postage and Fees	$7.36	
$		

Sent To Angel G. Colon, FWLS

Street and Apt. No., or PO Box No. P.O. Box 491 Road 301 KM. 5.1

City, State, ZIP+4® Boqueron PR 00622-0510

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

APPENDIX B: SWMP MAPS



Base Map Source: GOOGLE EARTH PRO

© 2016 Google
Image © 2016 DigitalGlobe, NOAA, US Navy, NGA, GEBCO

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Municipio de Yauco

PROJECT
PLAN DE MANEJO DE
AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- YAUCO MUNICIPAL LIMITS
- HYDROLOGIC UNIT CODE
- WATER BODY
- URBANIZED AREA LIMIT
- YAUCO URBAN ZONE

DATE
09.30.2016

NORTH

ISCALE
10 mi.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel.: 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga
Casco Urbano Yauco Pueblo - Vista General

PROJECT
PLAN DE MANEJO DE
AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
2000 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING - ARCHITECTURAL - PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Berrenchín NW - 1

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Berrenchín NW - 2

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
2000 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Berrenchín SE - 1

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Berrenchín SW - 2

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Berrenchín SW - 3

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING - ARCHITECTURAL - PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Río Yauco S - 1

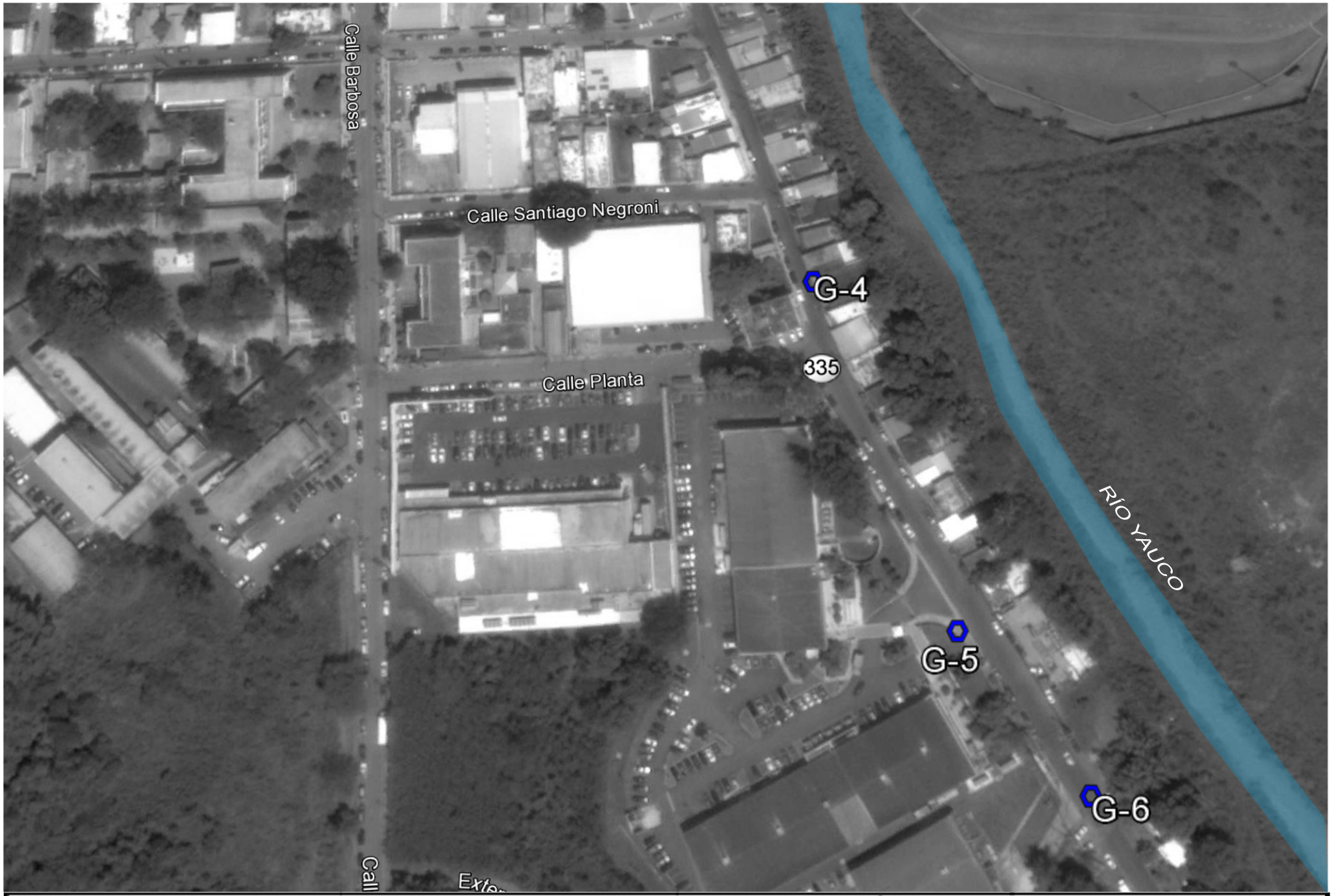
PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING - ARCHITECTURAL - PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Río Yauco SE - 1

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Río Yauco SE - 2

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Río Yauco NE - 1

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.



Base Map Source: GOOGLE EARTH PRO
Data gathered and processed by GTBA, 2016.

ENGINEERING · ARCHITECTURAL · PLANNING
GERMAN TORRES BERRIOS & ASOCIADOS
HC. 01 Box. 5775 BARRANQUITAS, P.R. 00794
Tel. 1-787-857-0520, 857-4563 Fax 1-787-857-2815
E-MAIL: gtba@prtc.net/gtba.asociados@gtbapr.com

GOBIERNO MUNICIPAL DE YAUCO

TITLE
Localización Puntos De Descaga Casco Urbano Yauco Pueblo - Río Yauco NE - 2

PROJECT
PLAN DE MANEJO DE AGUAS DE ESCORRENTÍA
PERMISO GENERAL MS4 NPDES
MUNICIPIO DE YAUCO, PR

LEGEND
- CUNETÓN / APERTURA
- PARRILLA
- SALIDA TUBERÍA
- CULVERT / CANAL
- INLET

DATE
09.30.2016

NORTH

SCALE
400 ft.