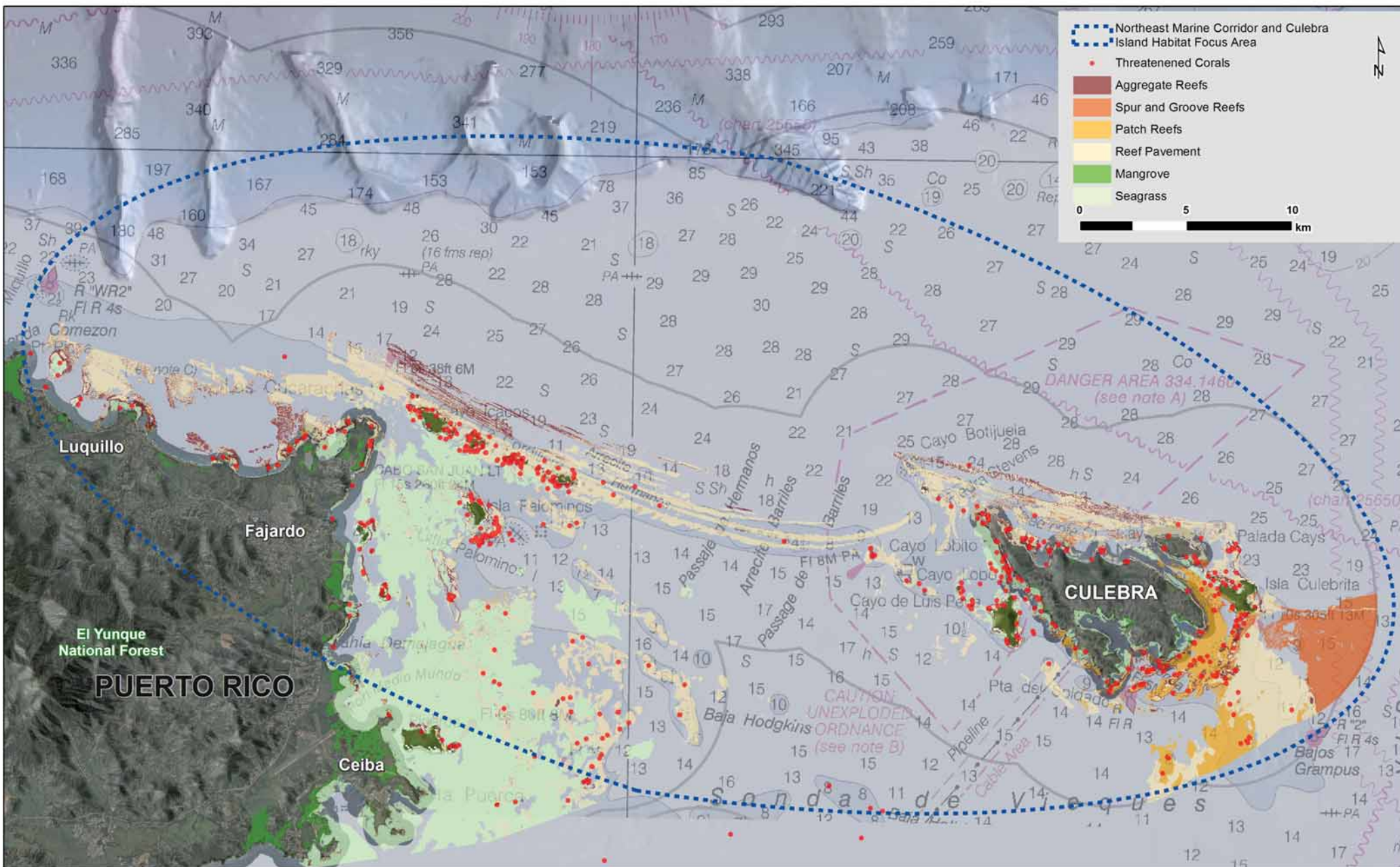
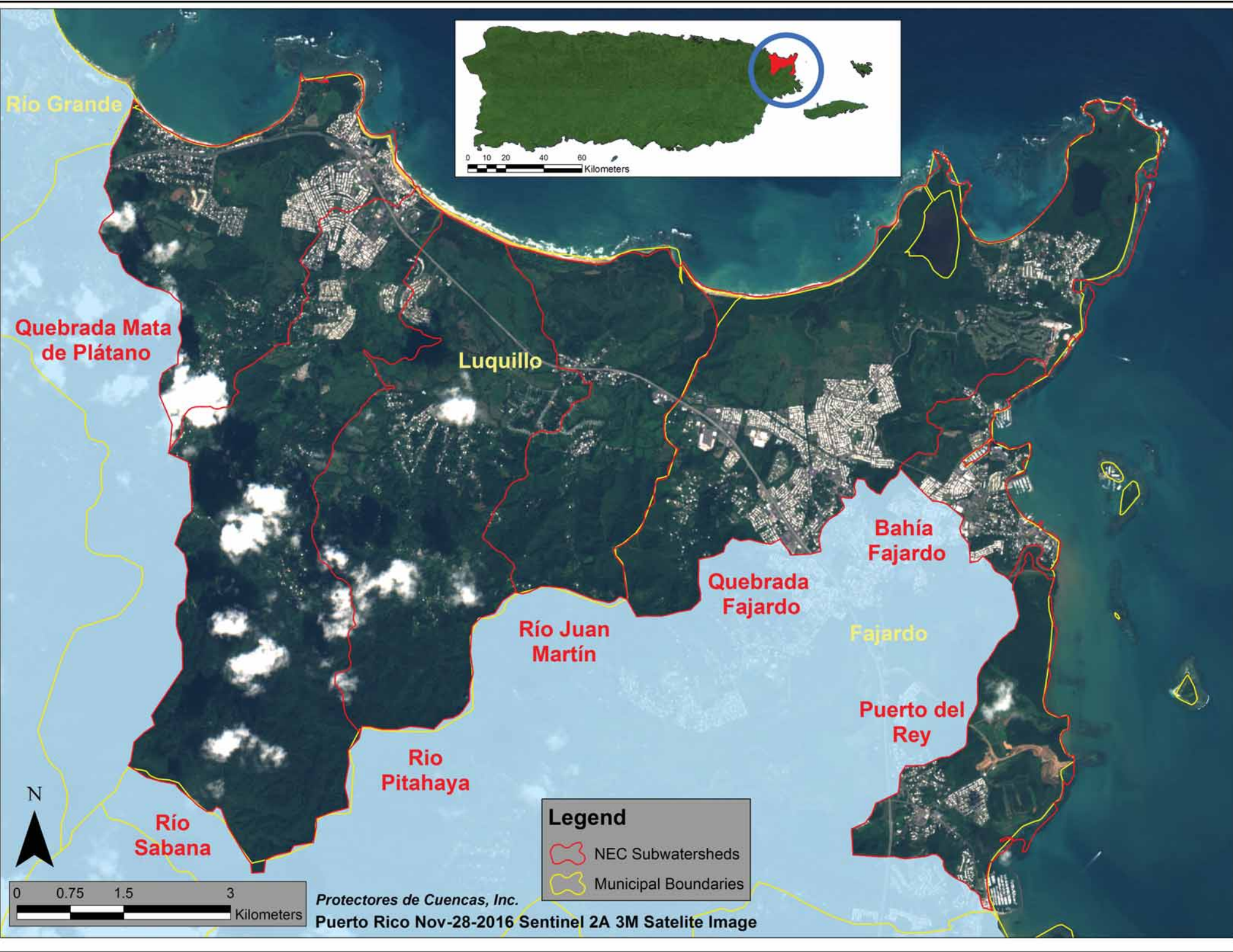


The Northeast Marine Corridor and Culebra Island Habitat Focus Area

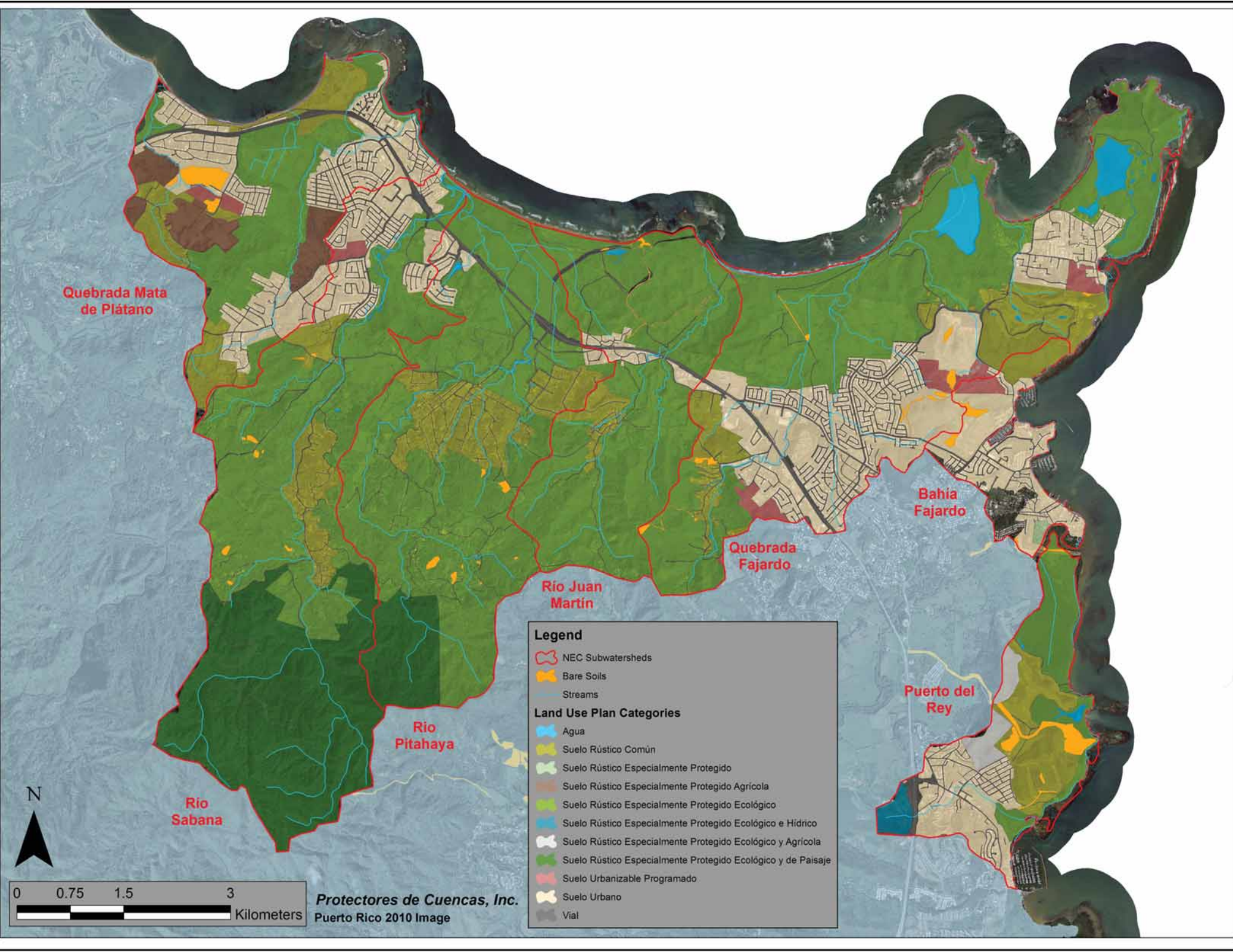




Legend

- NEC Subwatersheds
- Municipal Boundaries

Protectores de Cuencas, Inc.
Puerto Rico Nov-28-2016 Sentinel 2A 3M Satellite Image



Quebrada Mata
de Plátano

Bahia
Fajardo

Quebrada
Fajardo

Río Juan
Martín

Río
Pitahaya

Río
Sabana

Puerto del
Rey

Legend

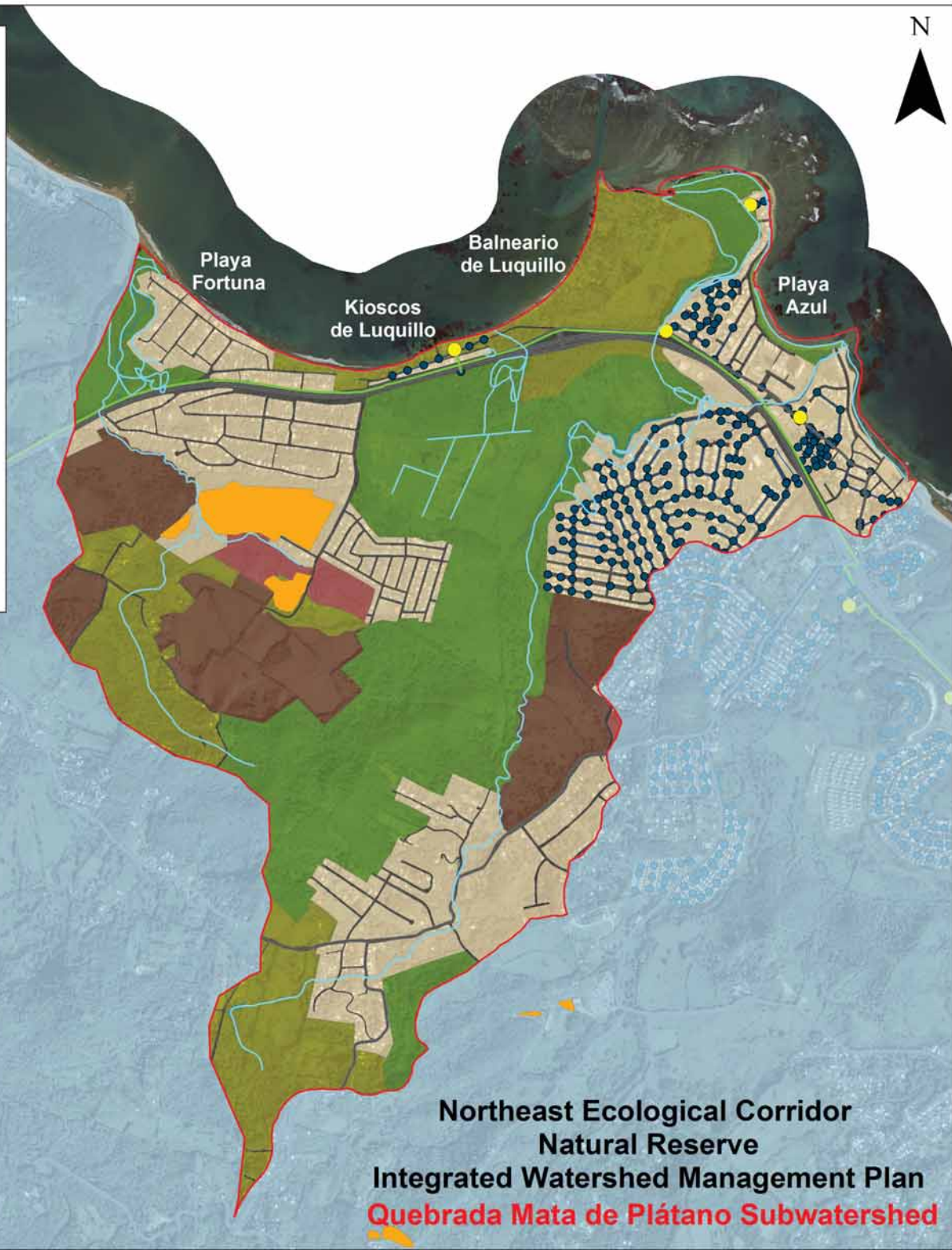
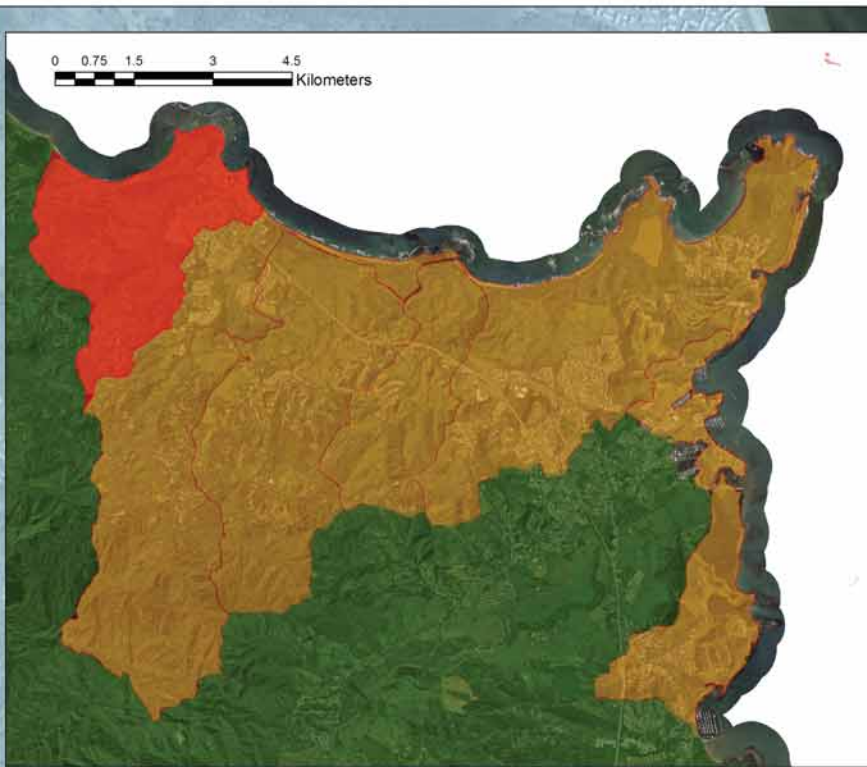
- NEC Subwatersheds
- Bare Soils
- Streams

Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido
- Suelo Rústico Especialmente Protegido Agrícola
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Rústico Especialmente Protegido Ecológico e Hídrico
- Suelo Rústico Especialmente Protegido Ecológico y Agrícola
- Suelo Rústico Especialmente Protegido Ecológico y de Paisaje
- Suelo Urbanizable Programado
- Suelo Urbano
- Vial

0 0.75 1.5 3
Kilometers

Protectores de Cuencas, Inc.
Puerto Rico 2010 Image



Legend

- Quebrada Mata de Platano SW
- Streams
- Bare Soils
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

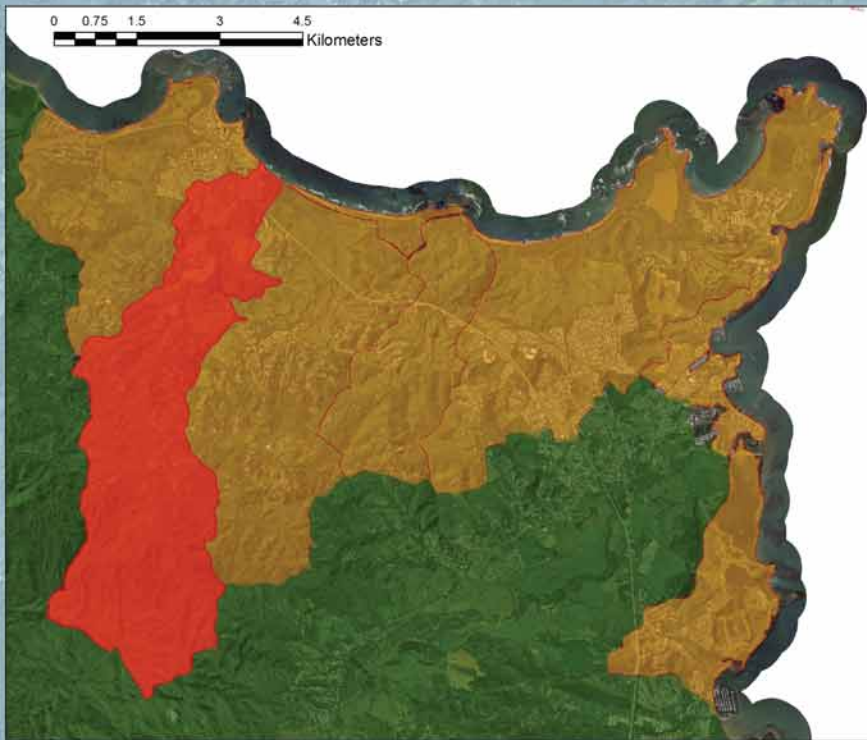
Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido Agrícola
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Urbanizable Programado
- Suelo Urbano
- Vial



Protectores de Cuenca, Inc.
Puerto Rico 2010 Image

**Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan
Quebrada Mata de Plátano Subwatershed**

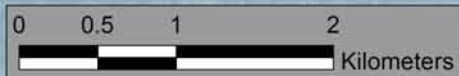


Legend

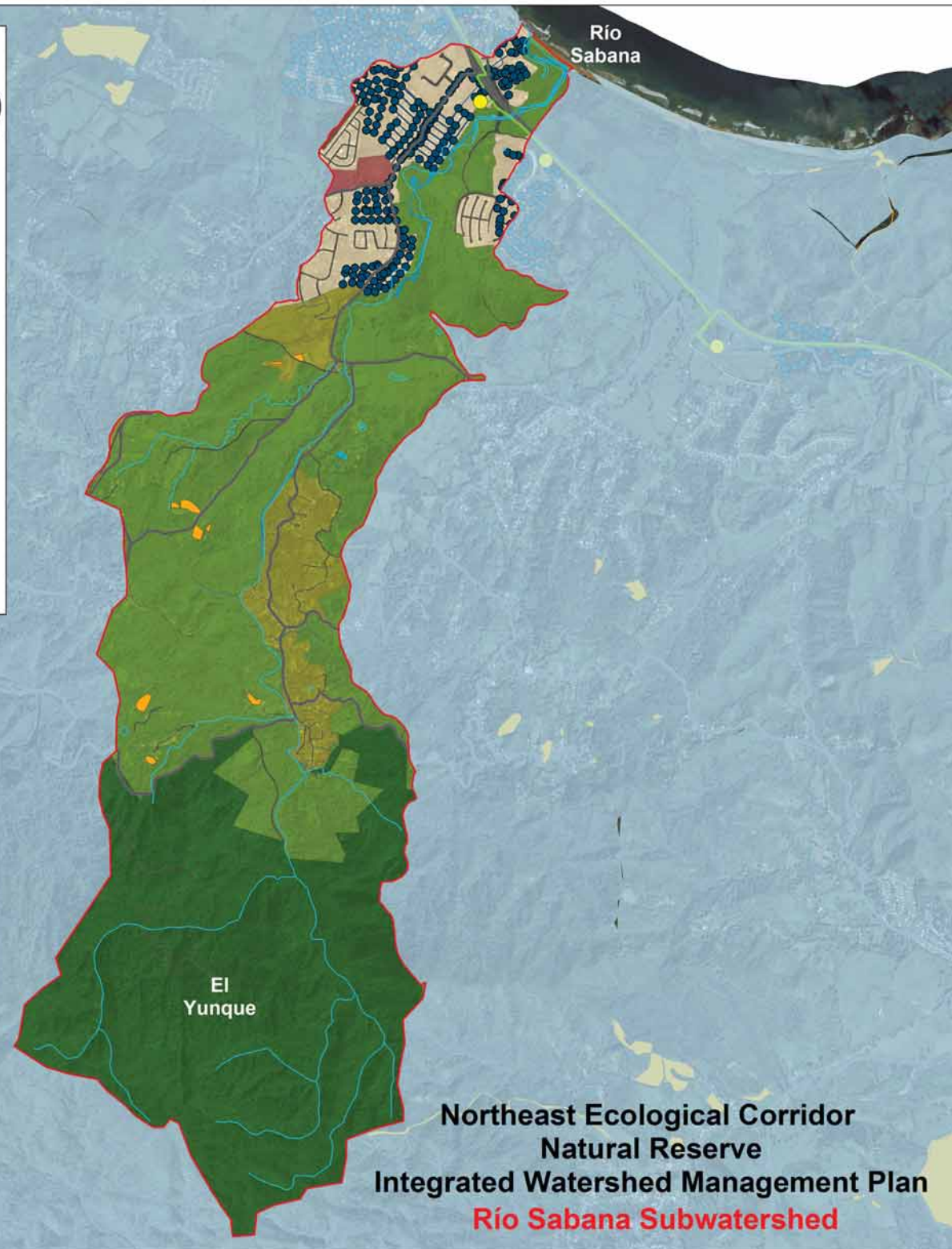
- Río Sabana SW
- Streams
- Bare Soils
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

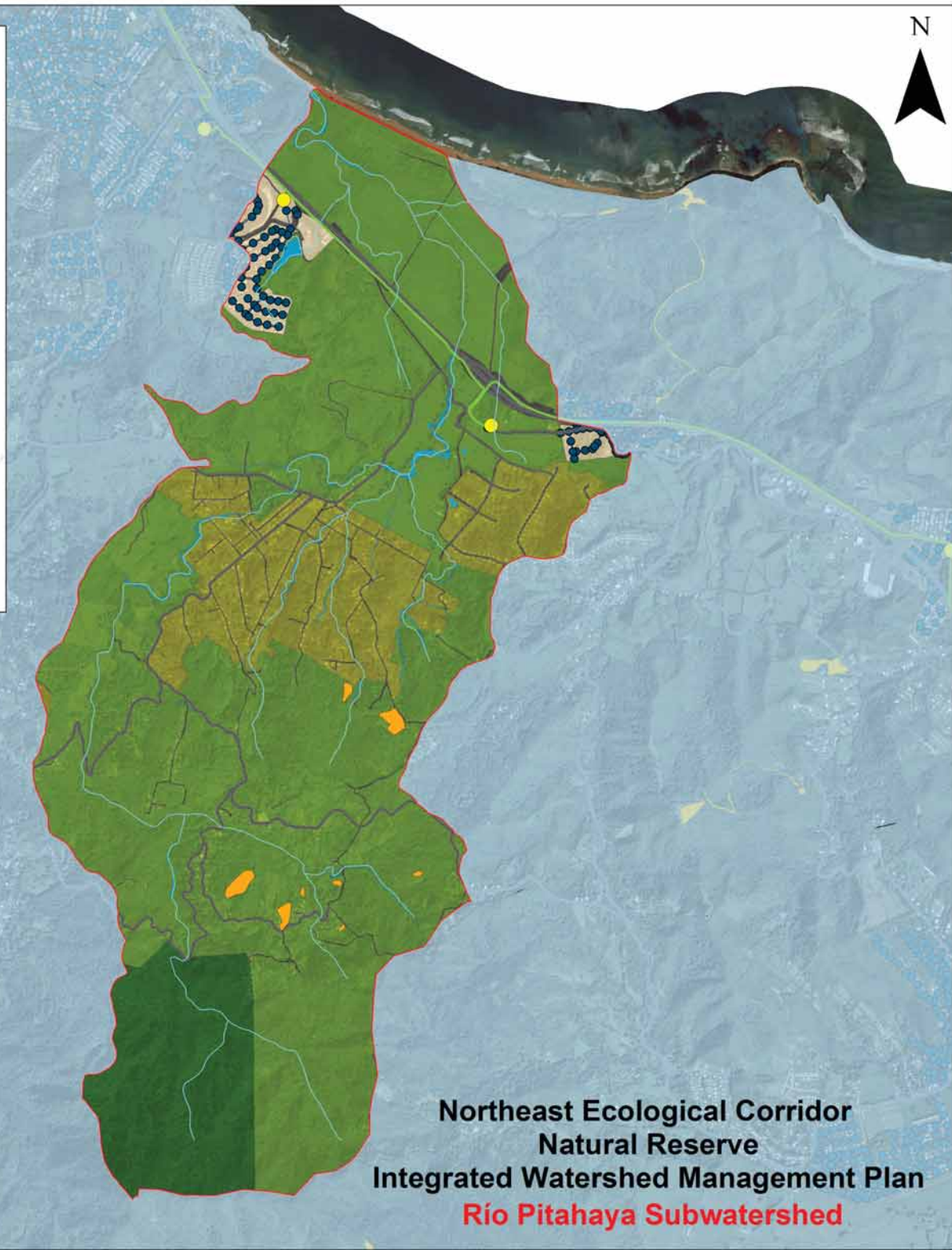
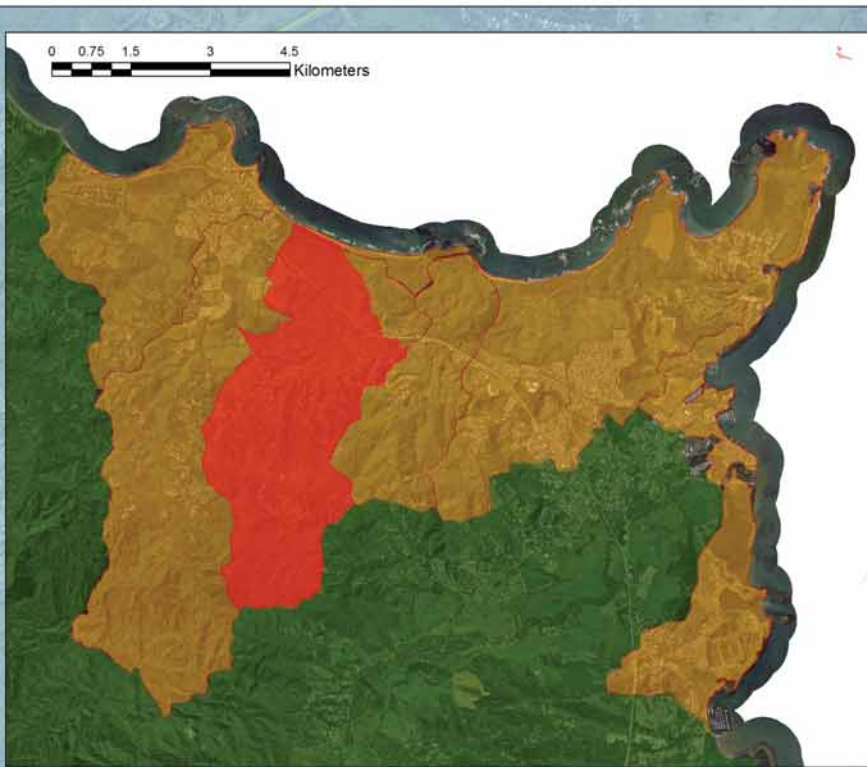
Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido Agrícola
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Rústico Especialmente Protegido Ecológico y de Paisaje
- Suelo Urbanizable Programado
- Suelo Urbano
- Vial



Protectores de Cuenas, Inc.
Puerto Rico 2010 Image





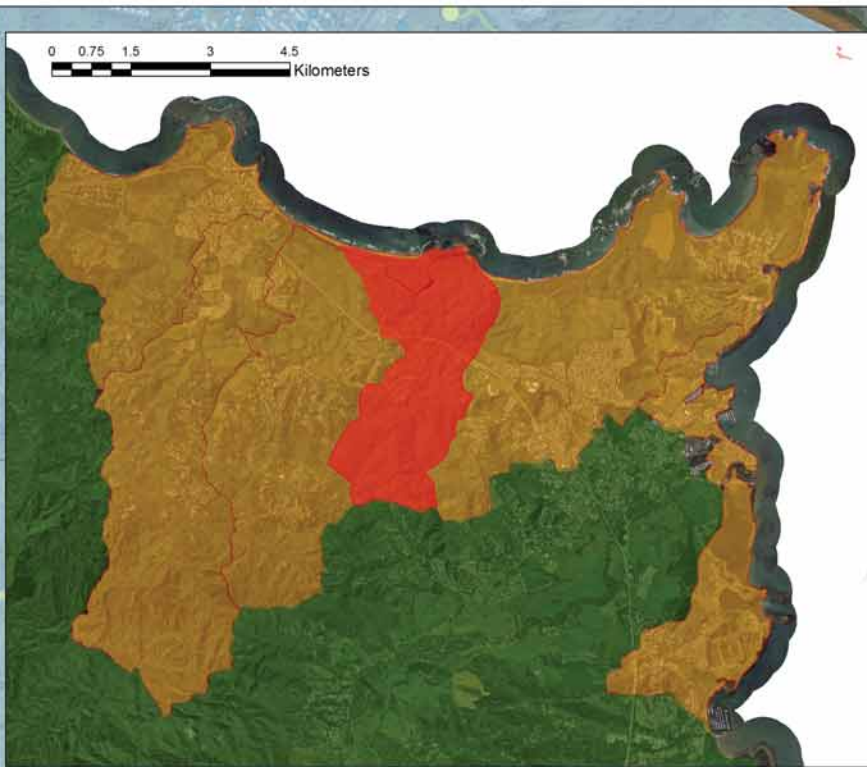
Legend

- Streams
- Bare Soils
- Río Pitahaya SW
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Rústico Especialmente Protegido Ecológico y de Paisaje
- Suelo Urbano
- Vial



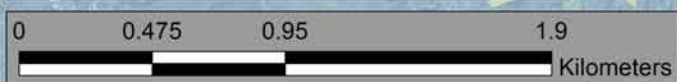


Legend

- Rio Juan Martin SW
- Streams
- Bare Soils
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

Land Use Plan Categories

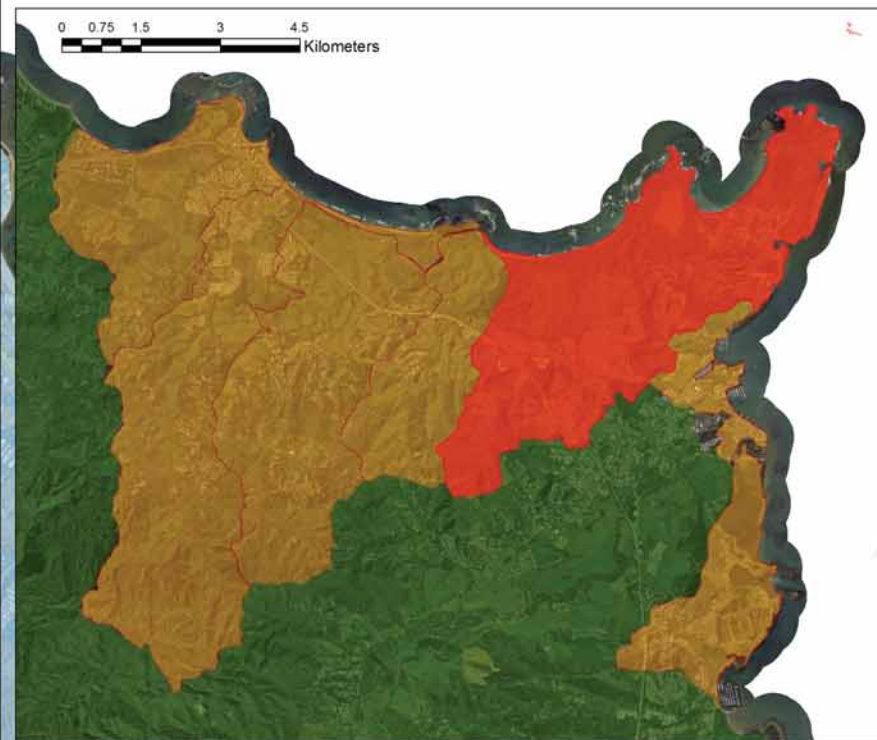
- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Urbano
- Vial



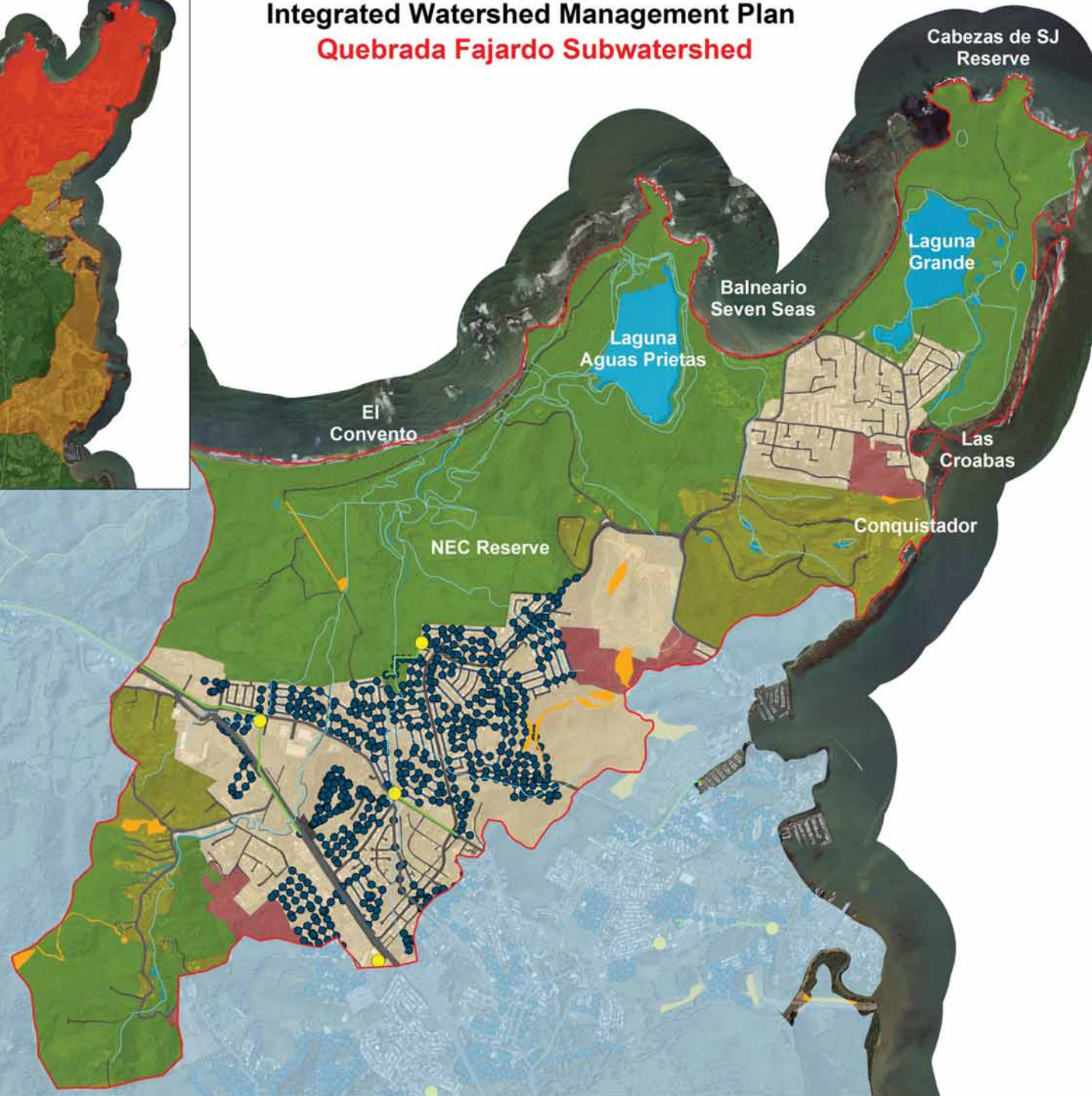
Protectores de Cuencas, Inc.
Puerto Rico 2010 Image

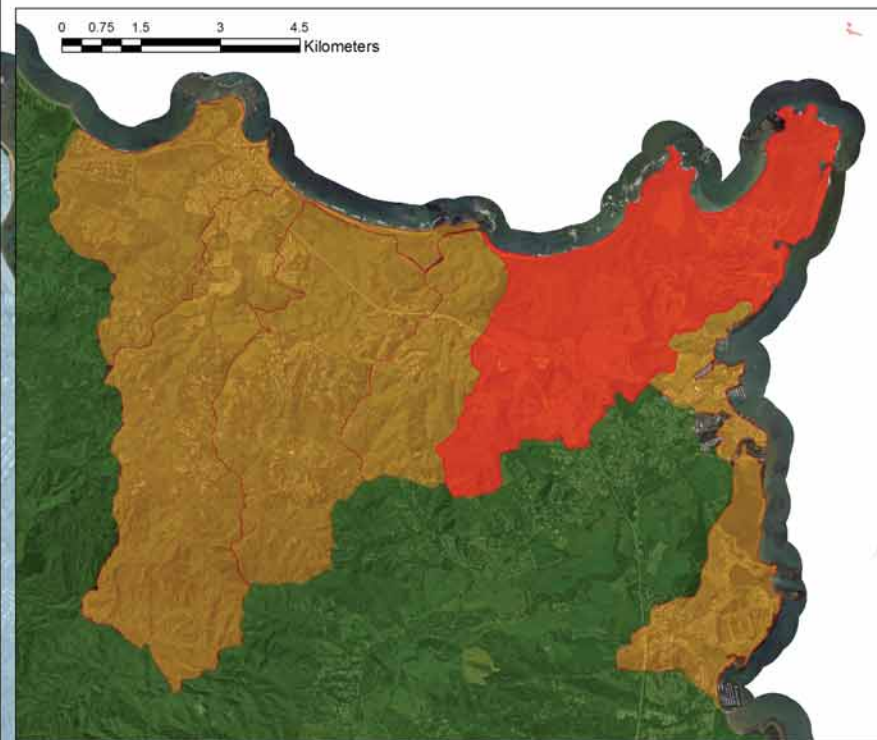


**Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan
Río Juan Martín Subwatershed**

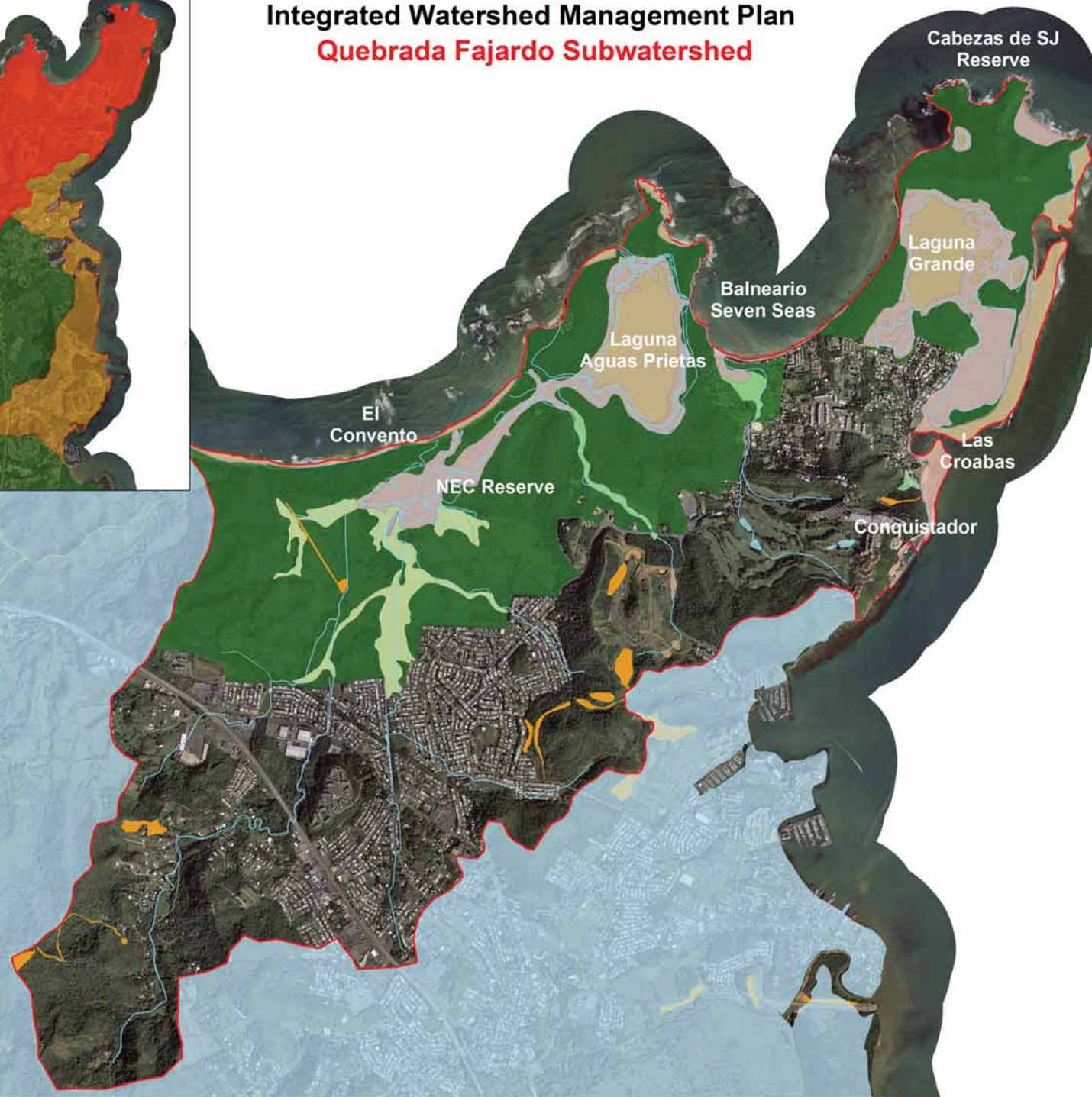


Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Quebrada Fajardo Subwatershed**





Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Quebrada Fajardo Subwatershed**



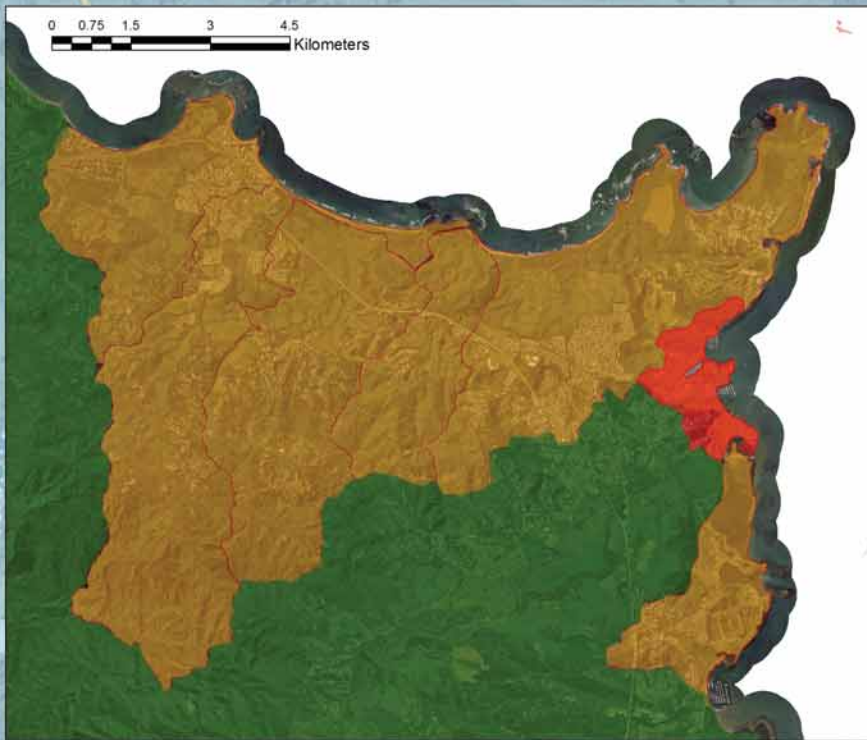
Legend

-  Quebrada Fajardo SW
-  Natural Protected Areas (2015)
-  Bare Soils
-  Streams

Wetland Category

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Riverine





Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Bahía Fajardo Subwatershed**

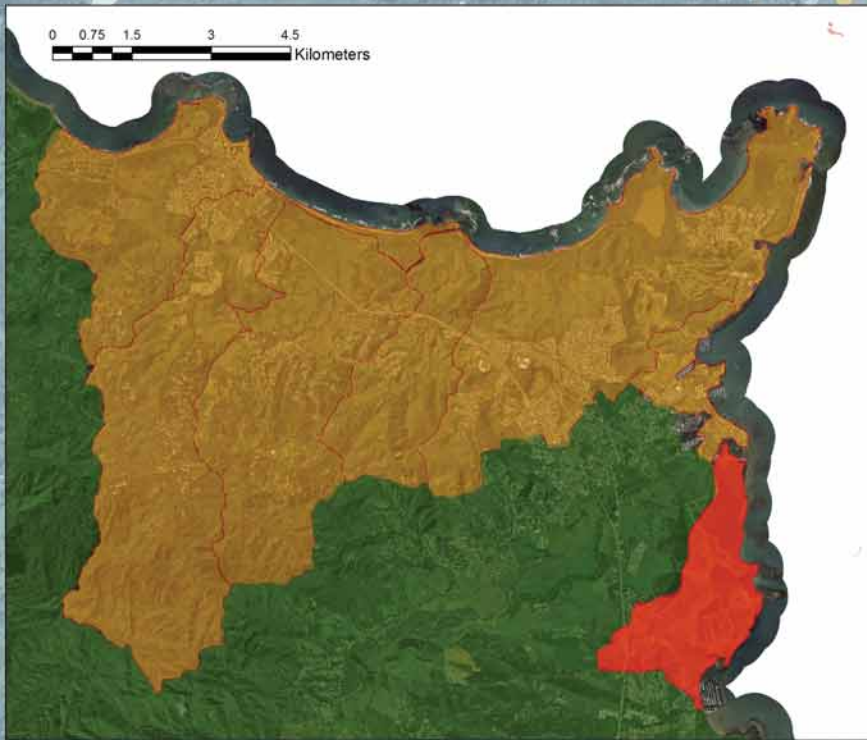


Legend

- Bahía Fajardo SW
- Bare Soils
- Streams
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Urbanizable Programado
- Suelo Urbano
- Vial



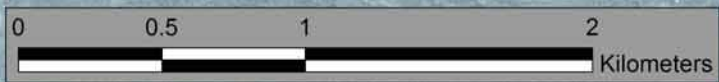
Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Puerto del Rey Subwatershed**

Legend

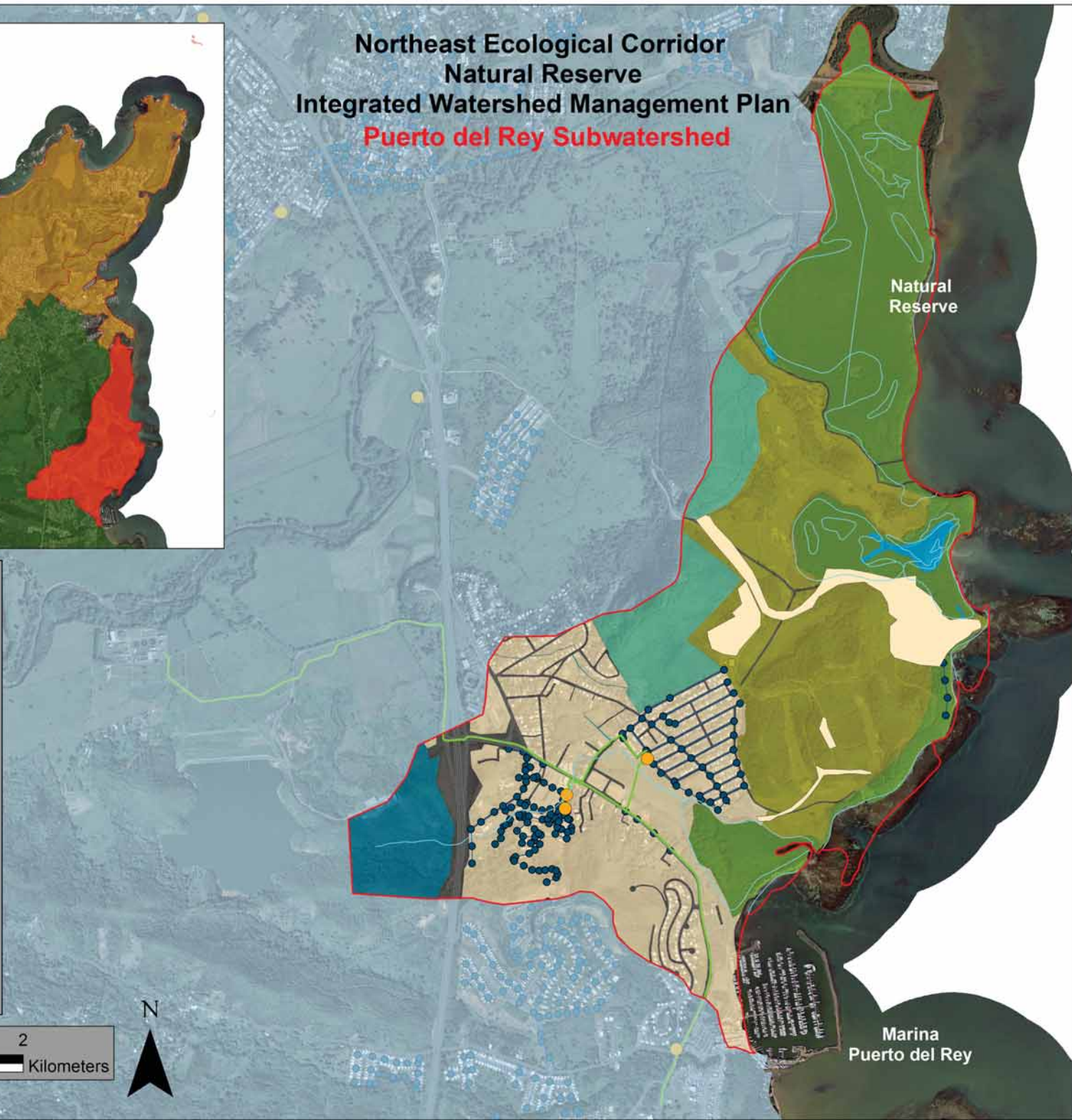
- Puerto del Rey SW
- Bare Soils
- Streams
- Sewer Pumping Stations
- Sewer pumping line
- Main Roads
- Sewer Manhole
- Sewer gravity fed line

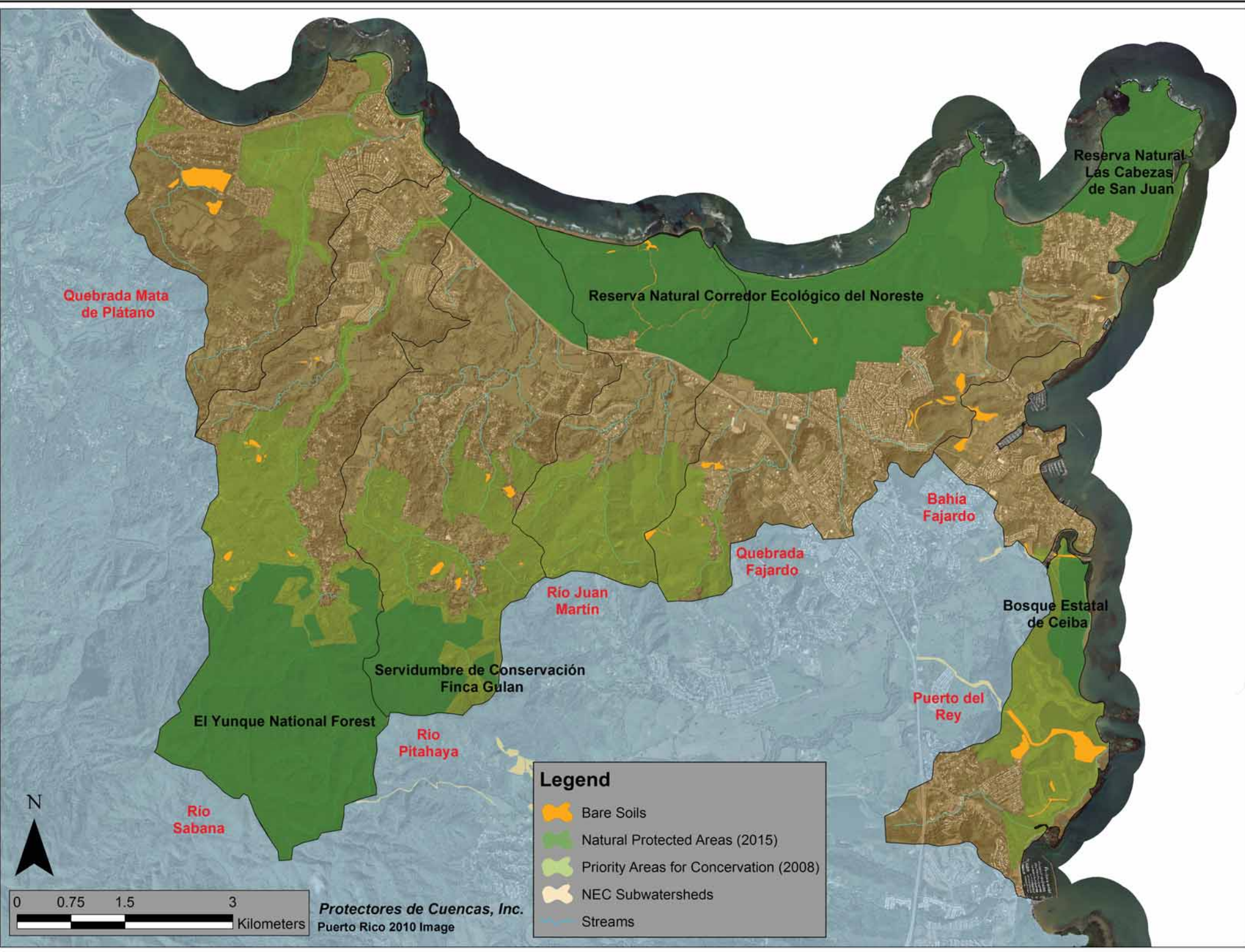
Land Use Plan Categories

- Agua
- Suelo Rústico Común
- Suelo Rústico Especialmente Protegido Agrícola
- Suelo Rústico Especialmente Protegido Ecológico
- Suelo Rústico Especialmente Protegido Ecológico e Hídrico
- Suelo Rústico Especialmente Protegido Ecológico y Agrícola
- Suelo Urbano
- Vial



Protectores de Cuenas, Inc.
Puerto Rico 2010 Image





Quebrada Mata
de Plátano

Reserva Natural Corredor Ecológico del Noreste

Reserva Natural
Las Cabezas
de San Juan

Bahia
Fajardo

Quebrada
Fajardo

Río Juan
Martín

Bosque Estatal
de Ceiba

Servidumbre de Conservación
Finca Gulán

El Yunque National Forest

Río
Pitahaya

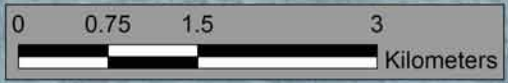
Río
Sabana

Puerto del
Rey

Legend

-  Bare Soils
-  Natural Protected Areas (2015)
-  Priority Areas for Conservation (2008)
-  NEC Subwatersheds
-  Streams

Protectores de Cuencas, Inc.
Puerto Rico 2010 Image

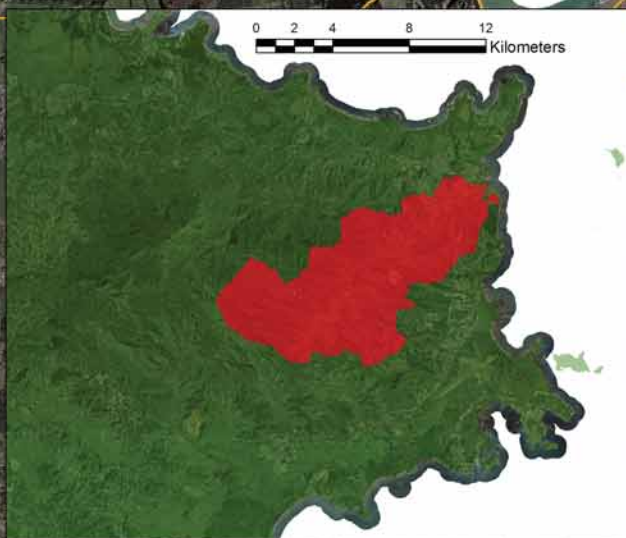


Río Fajardo Watershed Pollution Threat Analysis for Potential BMP's Projects

Río Fajardo Watershed



0 2 4 8 12
Kilometers



Legend

-  Río Fajardo SW
-  Municipal Boundaries
-  FWTP Service Area

Luquillo

Fajardo

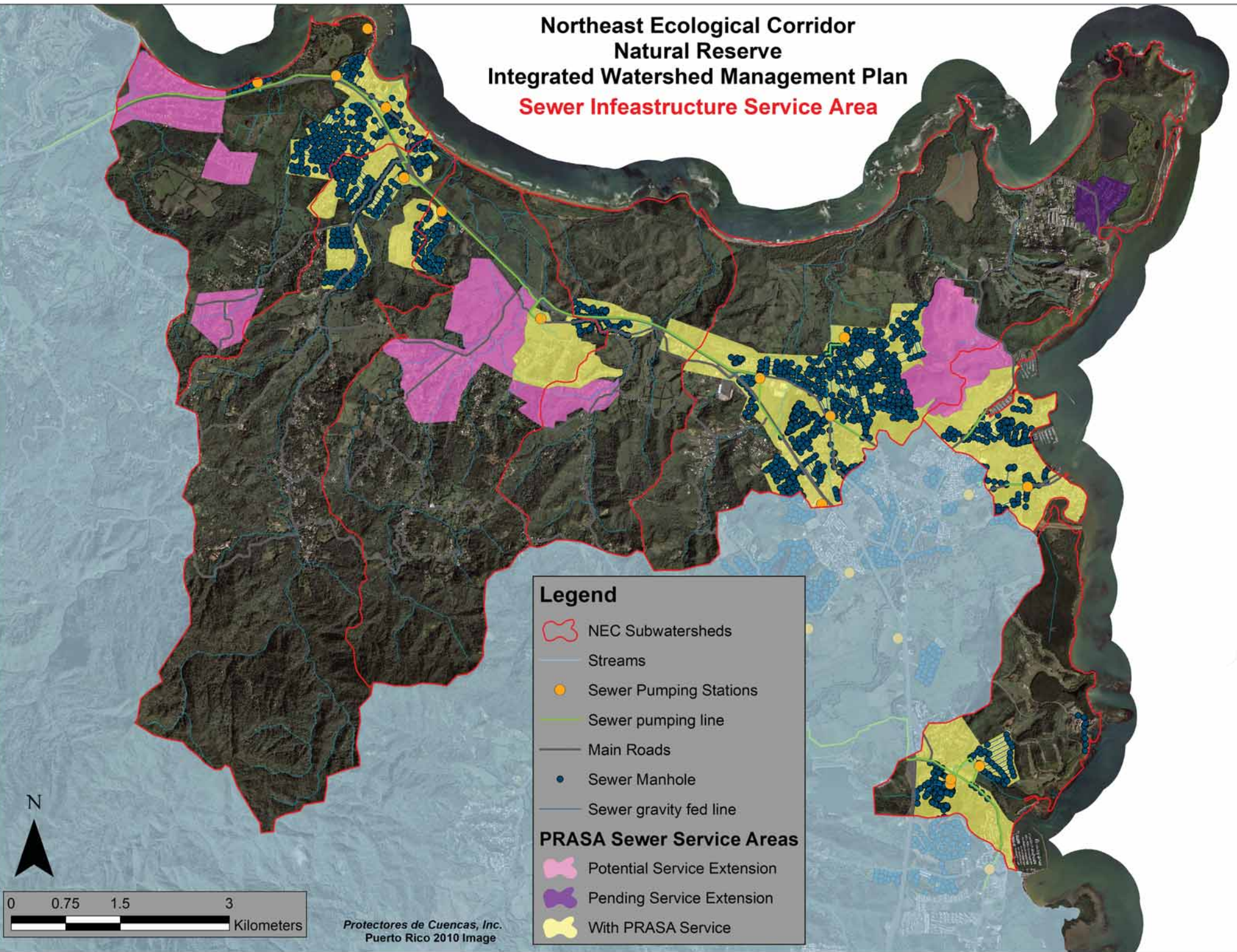
FWTP

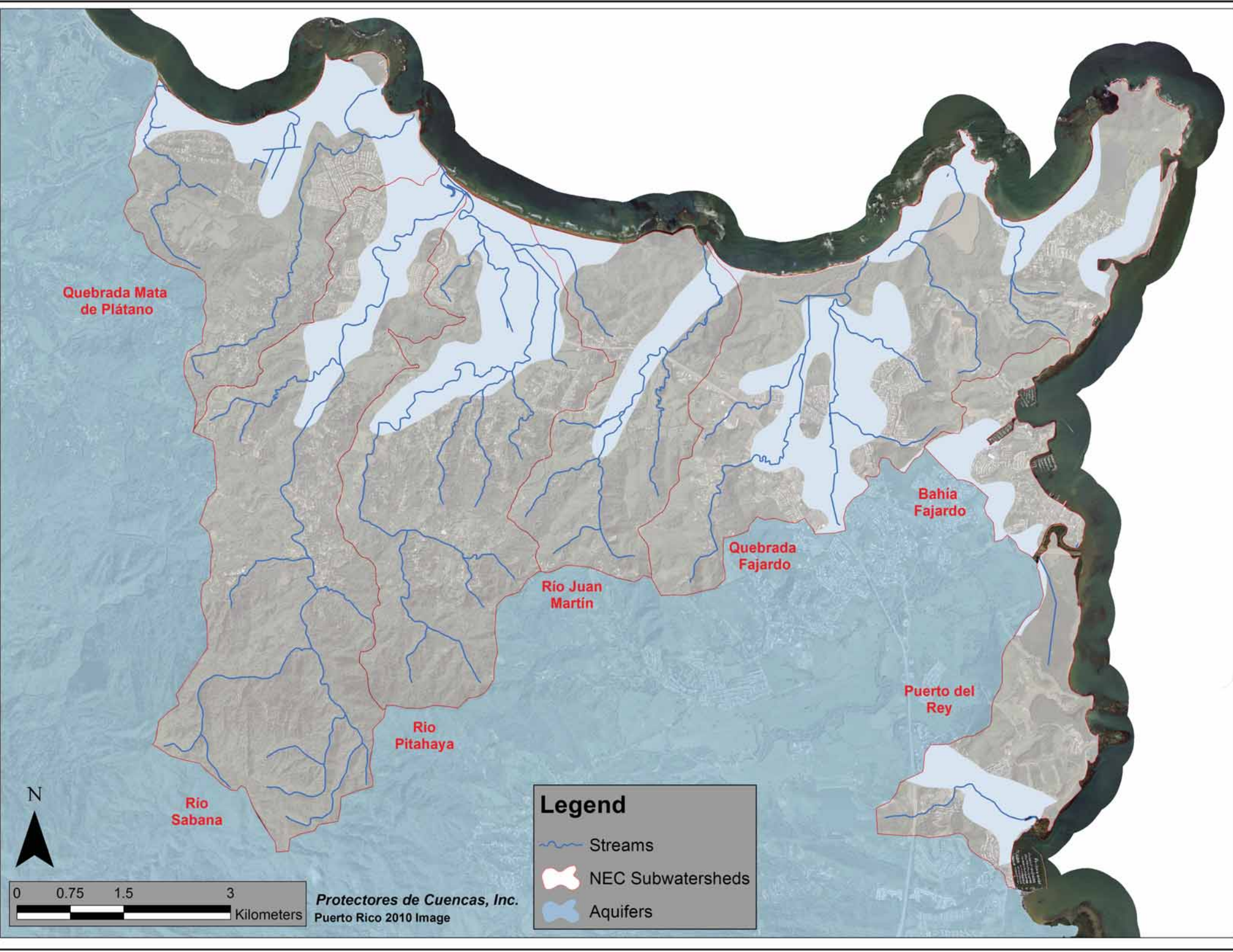
Ceiba

0 1.5 3 6
Kilometers

Protectores de Cuencas, Inc.
Puerto Rico 2010 Image

Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan
Sewer Infastructure Service Area





Quebrada Mata
de Plátano

Bahia
Fajardo

Quebrada
Fajardo

Río Juan
Martín

Río
Pitahaya

Río
Sabana

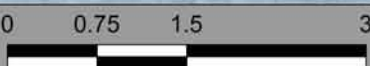
Puerto del
Rey

Legend

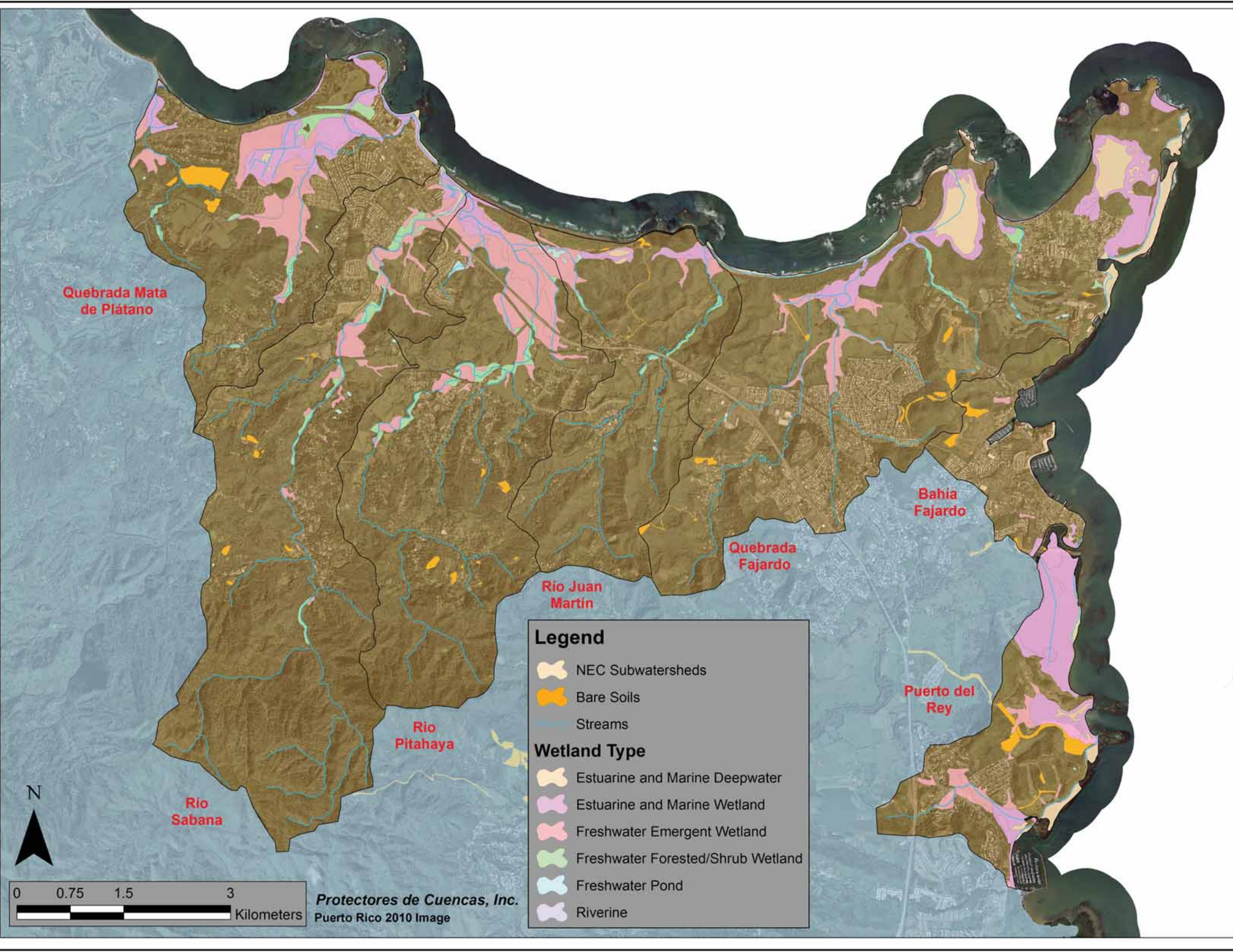
 Streams

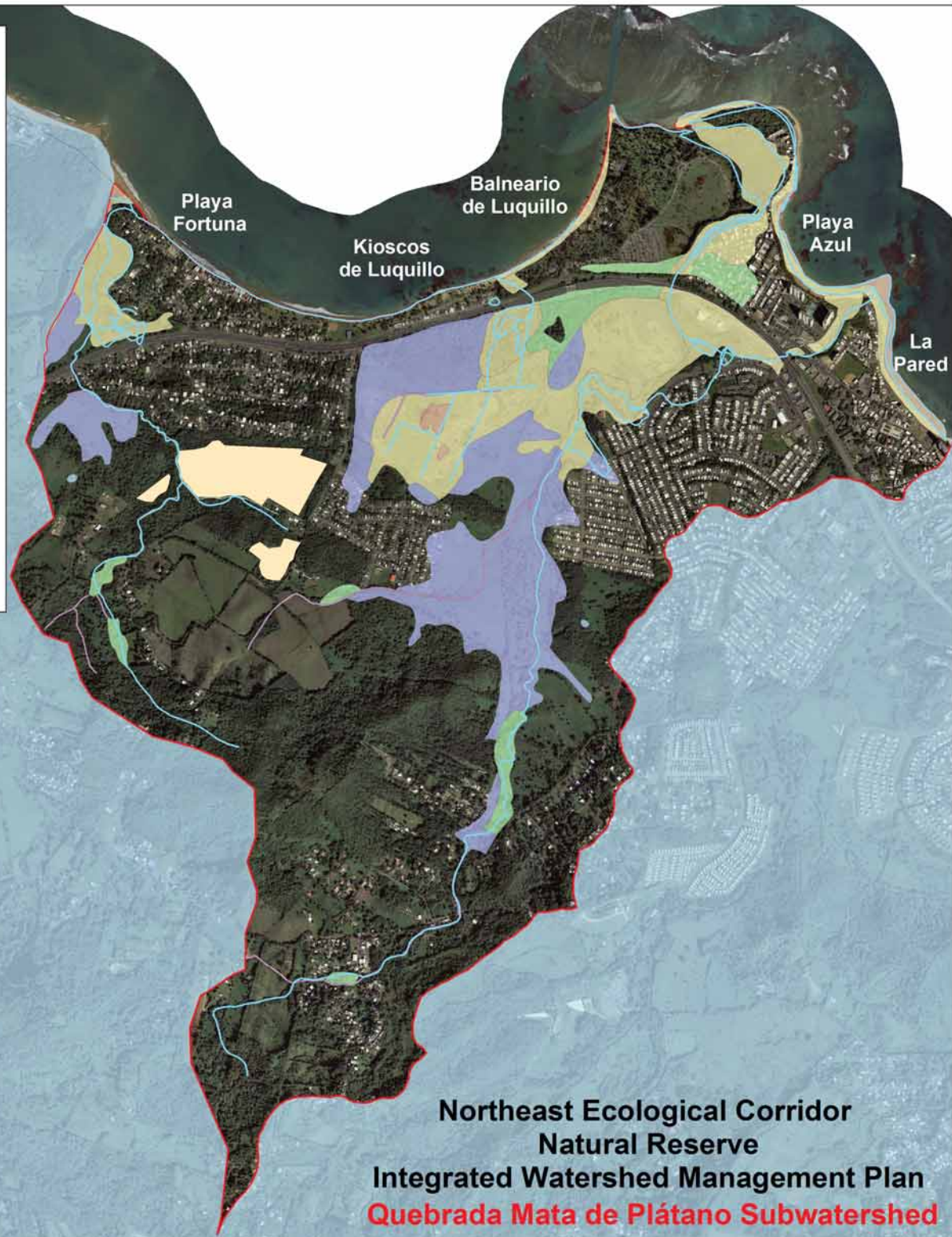
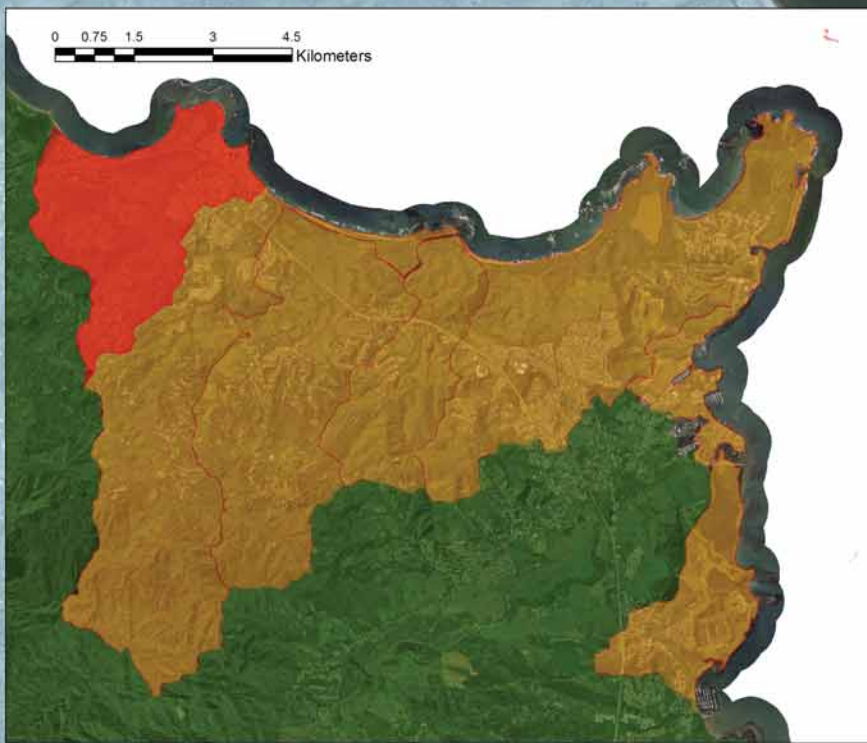
 NEC Subwatersheds

 Aquifers


0 0.75 1.5 3
 Kilometers

Protectores de Cuencas, Inc.
Puerto Rico 2010 Image





Legend

-  Mata de Platano SW
-  Bare Soils
-  Streams

Wetland Type

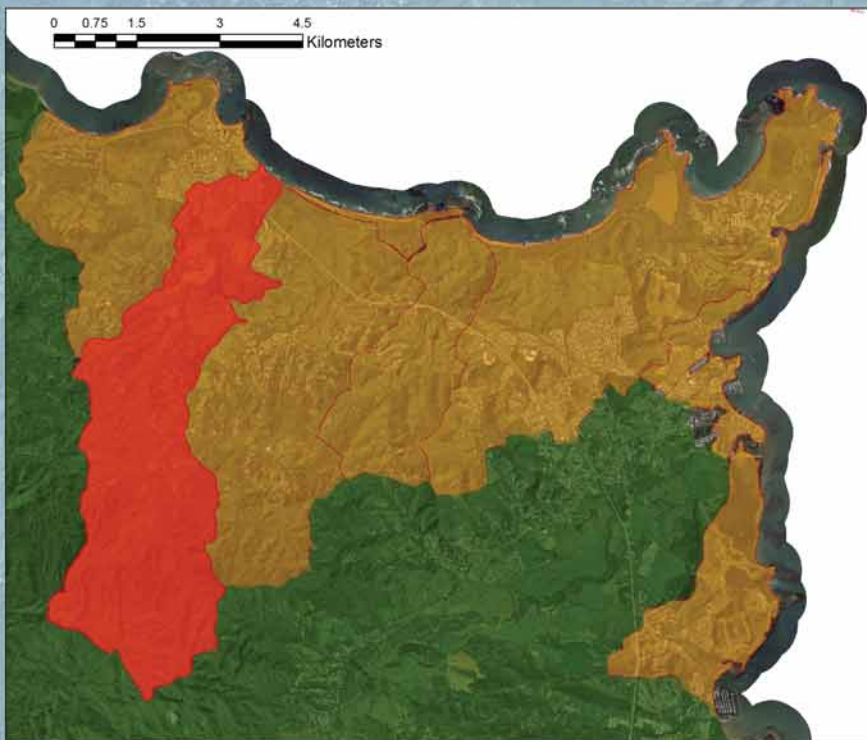
-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Riverine



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image



**Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan
Quebrada Mata de Plátano Subwatershed**



Legend

 Río Sabana SW

 Streams

 Bare Soils

wetland_ty

 Estuarine and Marine Deepwater

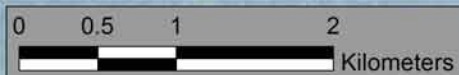
 Estuarine and Marine Wetland

 Freshwater Emergent Wetland

 Freshwater Forested/Shrub Wetland

 Freshwater Pond

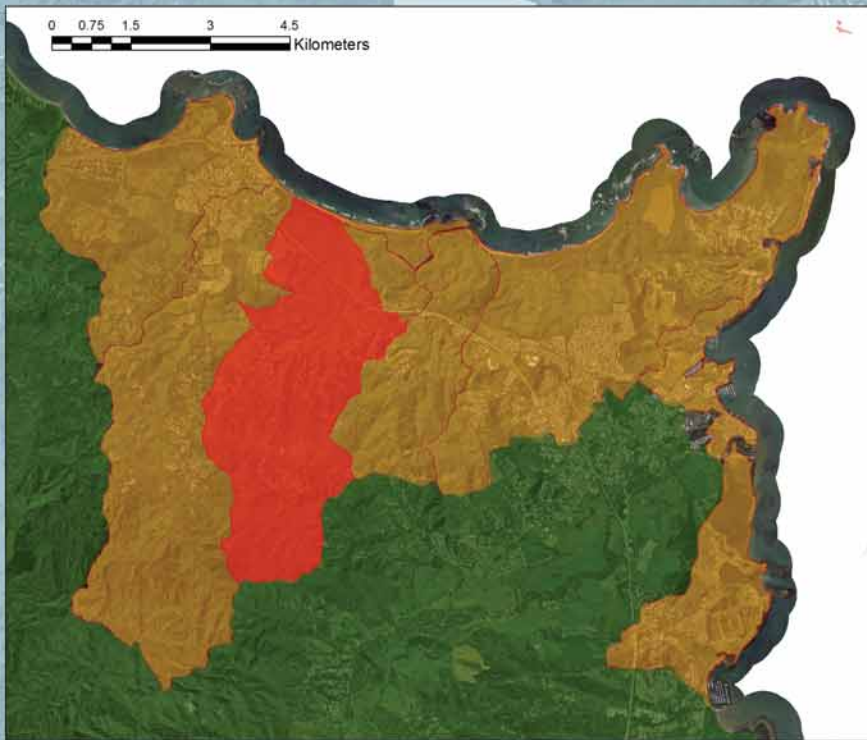
 Riverine



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image



Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan
Río Sabana Subwatershed



Legend

rios_quebradas_Clip4

Rio Pitahaya SW

Bare Soils

Wetlant Type

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

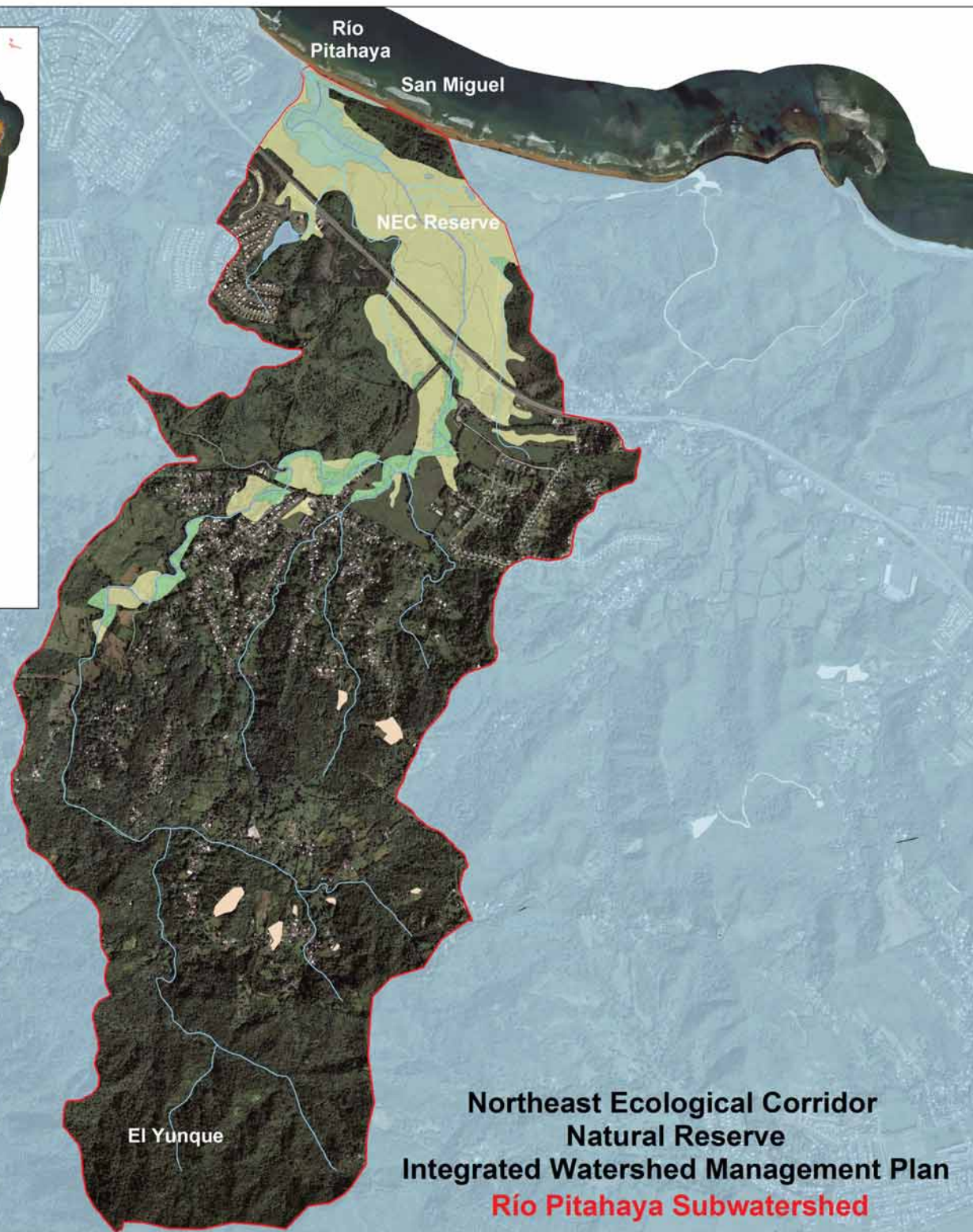
Freshwater Forested/Shrub Wetland

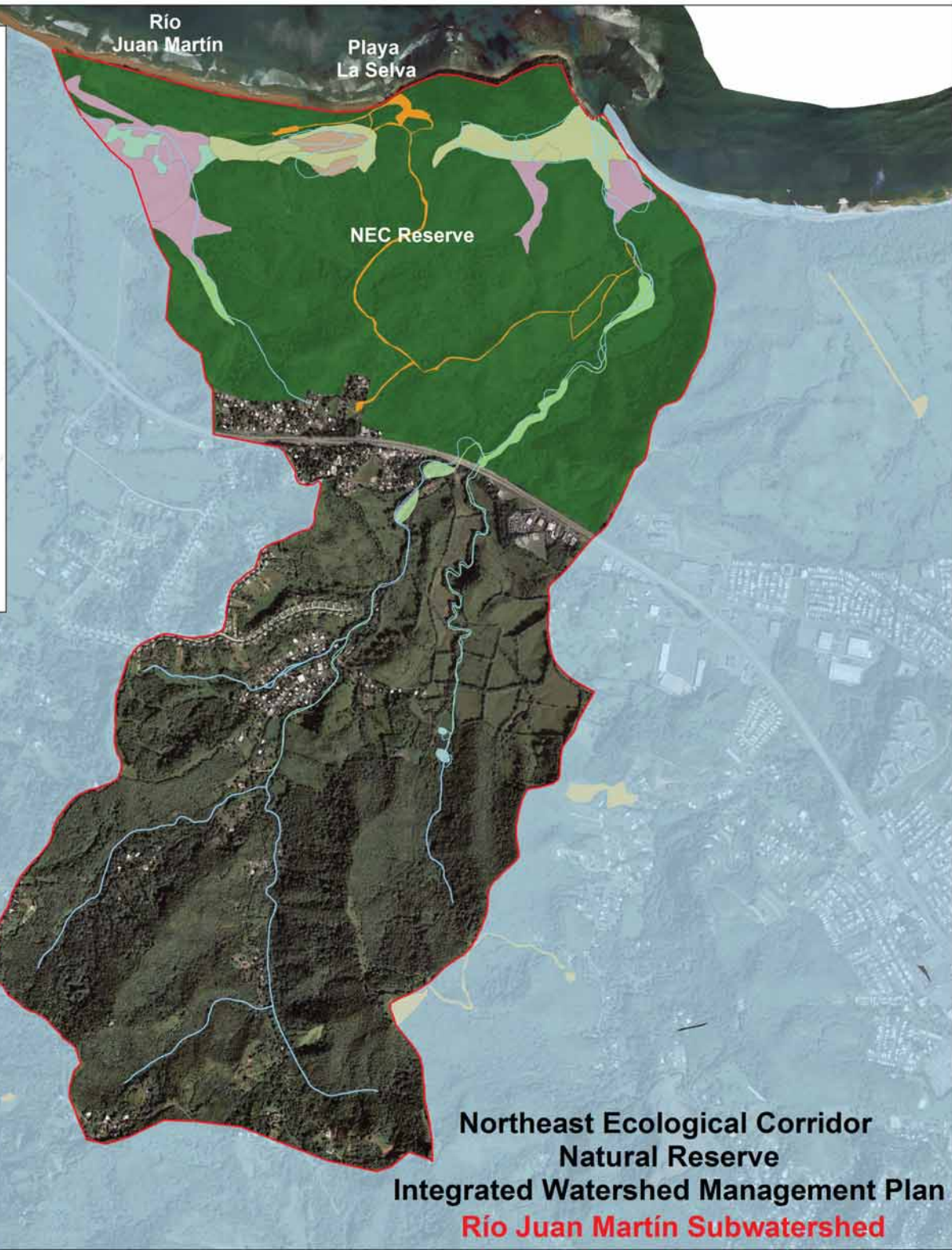
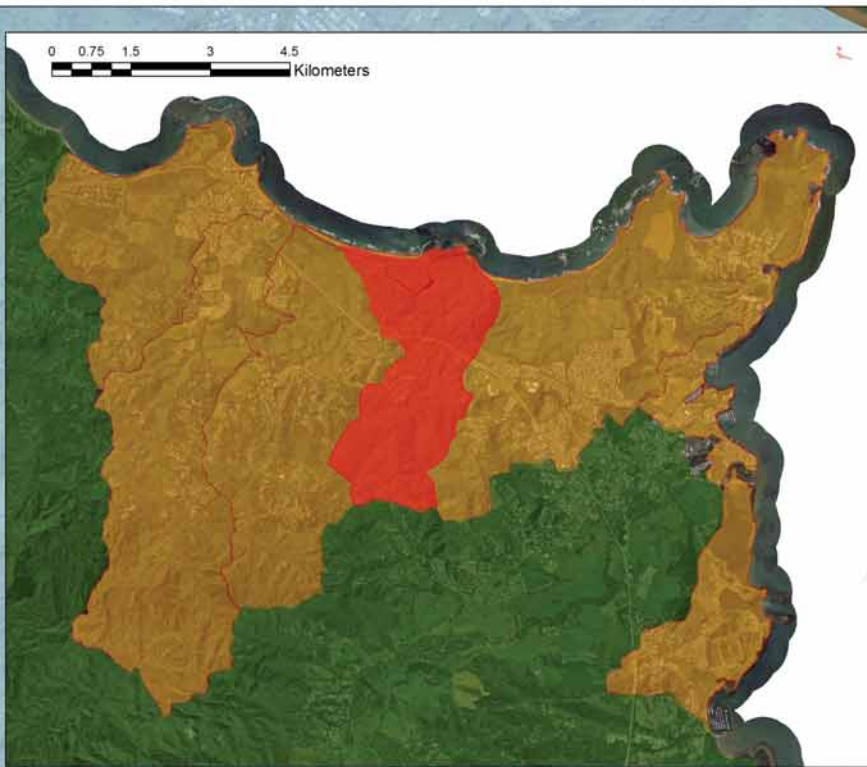
Freshwater Pond

Riverine



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image





Legend

-  Streams
-  Río Juan Martín SW
-  Bare Soils

Wetland Type

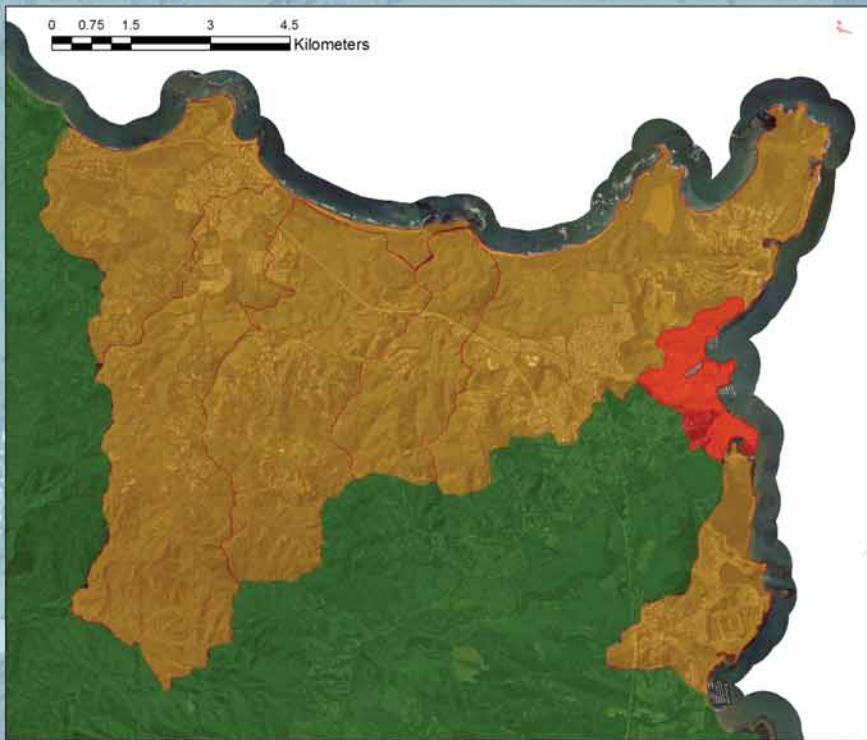
-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Riverine
-  Natural Protected Areas (2015)



Protectores de Cuenca, Inc.
Puerto Rico 2010 Image



**Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan**
Río Juan Martín Subwatershed



**Northeast Ecological Corridor
Natural Reserve
Integrated Watershed Management Plan**
Bahía Fajardo Subwatershed

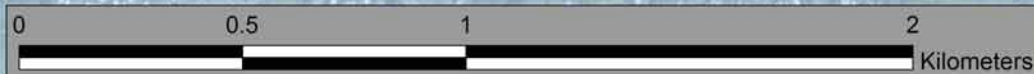


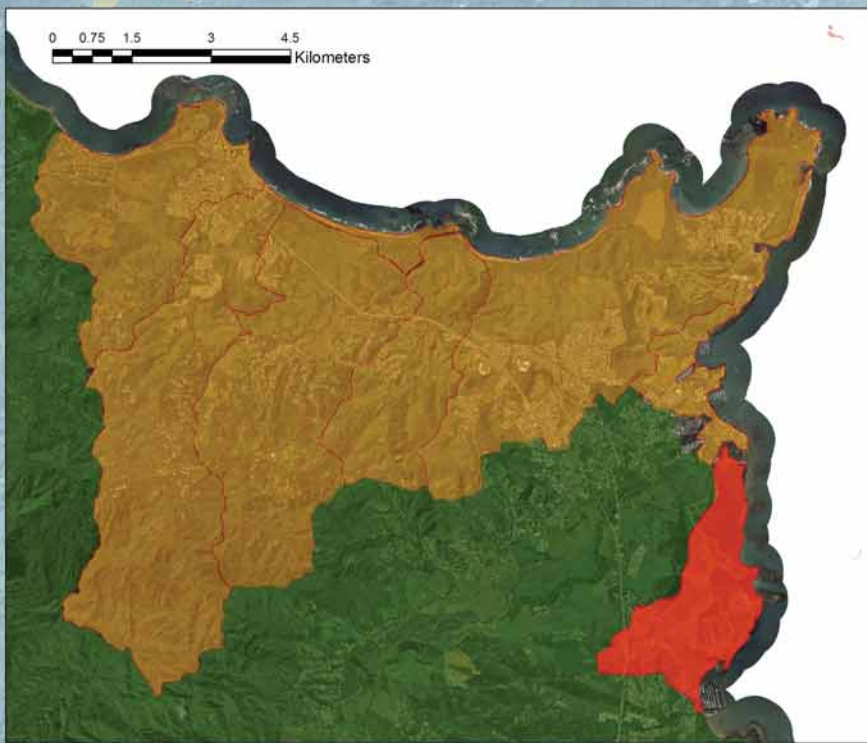
Legend

- Bahía Fajardo SW
- Bare Soils
- Streams

Wetland Inventory

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland





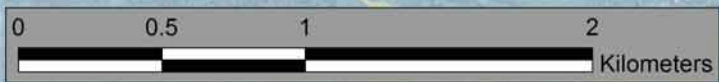
Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Puerto del Rey Subwatershed**

Legend

- Natural Protected Areas (2015)
- Streams

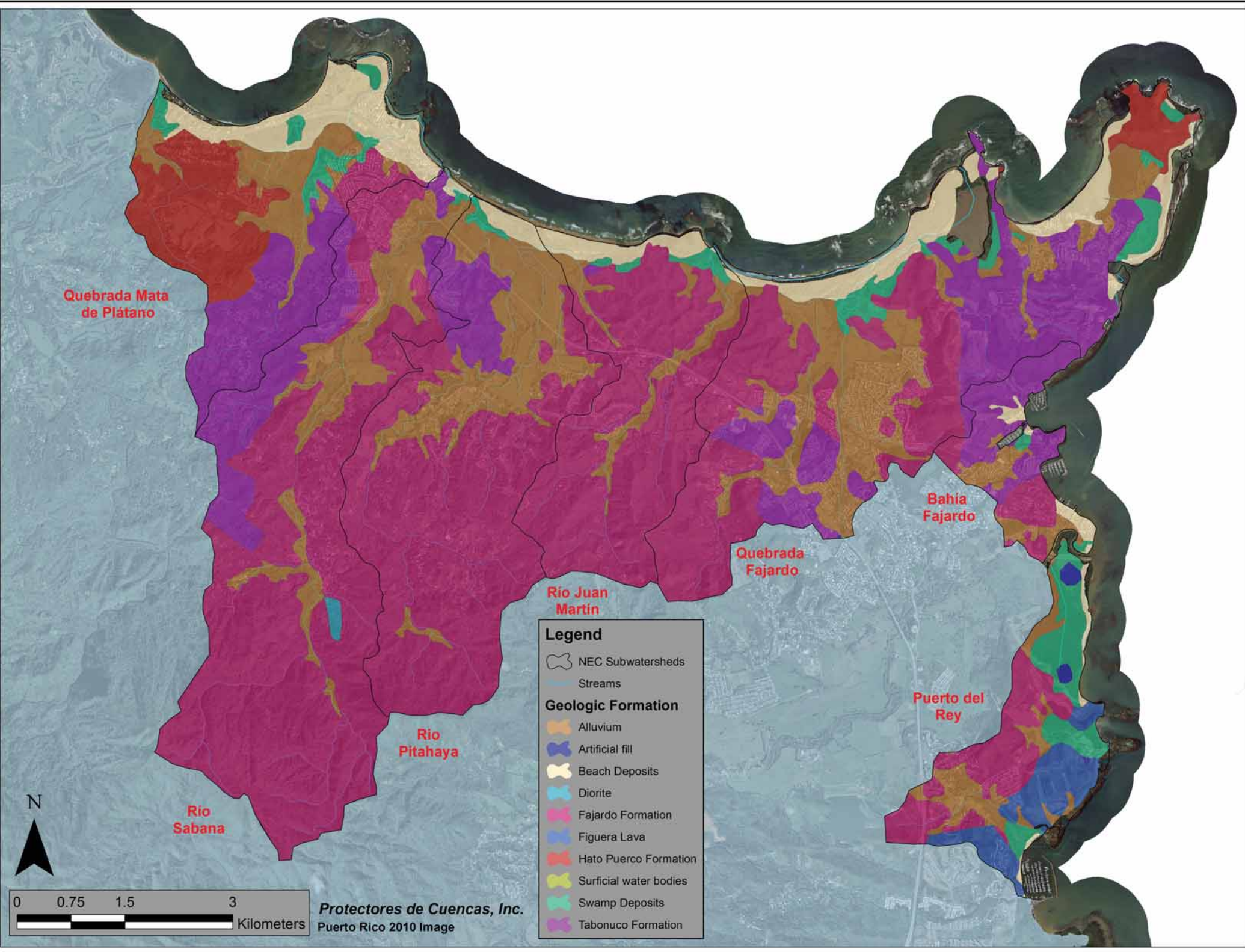
Wetland Type

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Riverine
- Puerto del Rey SW
- Bare Soils



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image





Quebrada Mata
de Plátano

Bahía
Fajardo

Quebrada
Fajardo

Río Juan
Martín

Río
Pitahaya

Río
Sabana

Puerto del
Rey

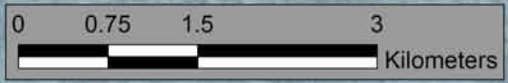
Legend

- NEC Subwatersheds
- Streams

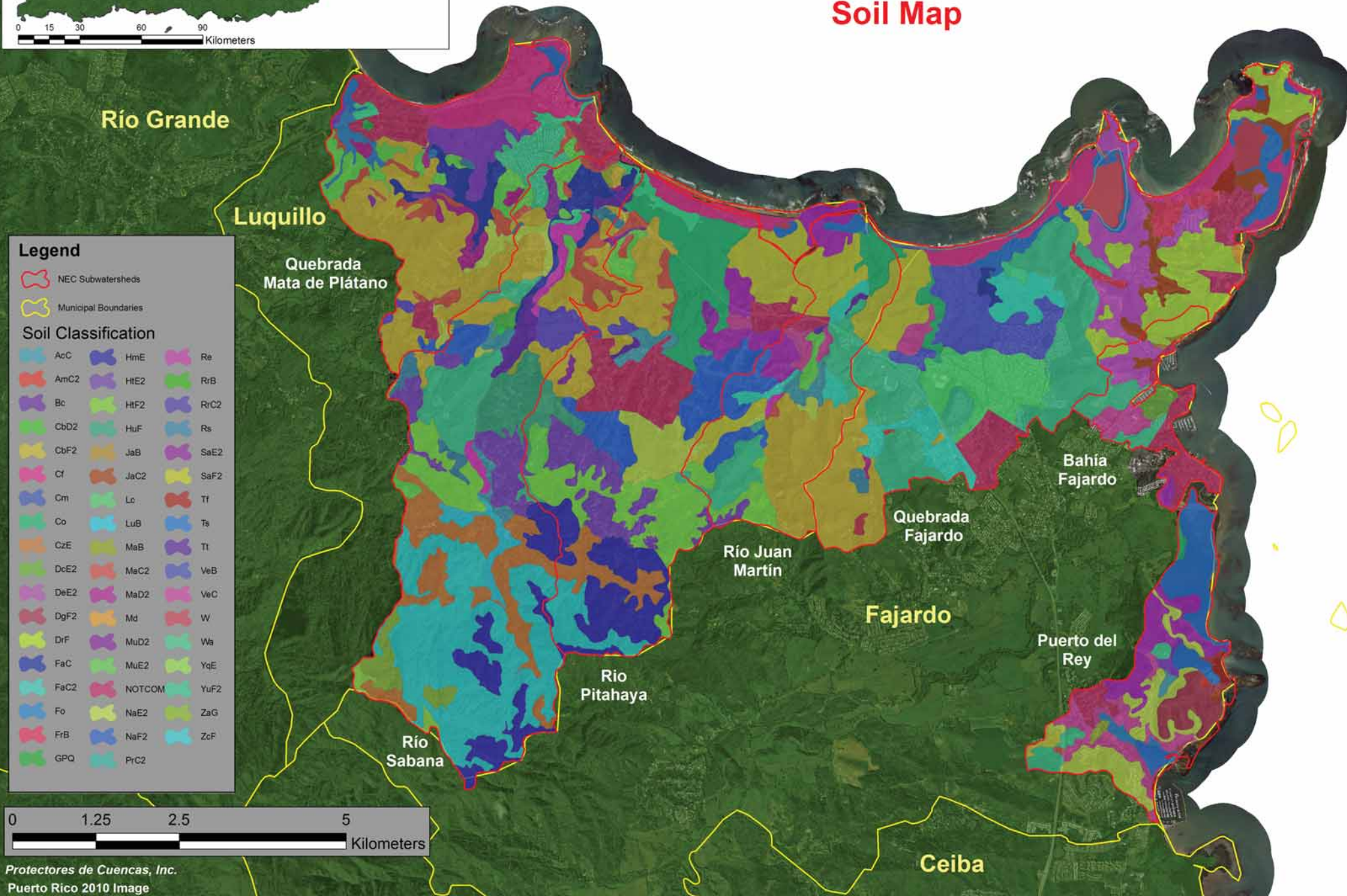
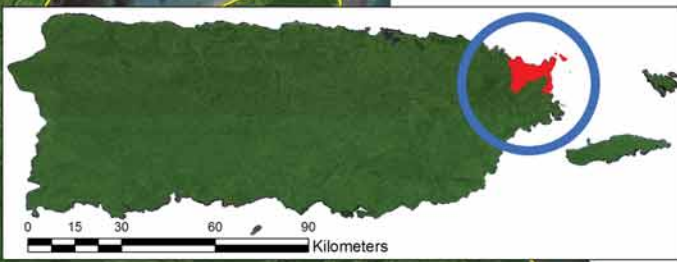
Geologic Formation

- Alluvium
- Artificial fill
- Beach Deposits
- Diorite
- Fajardo Formation
- Figuera Lava
- Hato Puerco Formation
- Surficial water bodies
- Swamp Deposits
- Tabonuco Formation

Protectores de Cuencas, Inc.
Puerto Rico 2010 Image



Northeast Ecological Corridor Natural Reserve Integrated Watershed Management Plan **Soil Map**



Legend

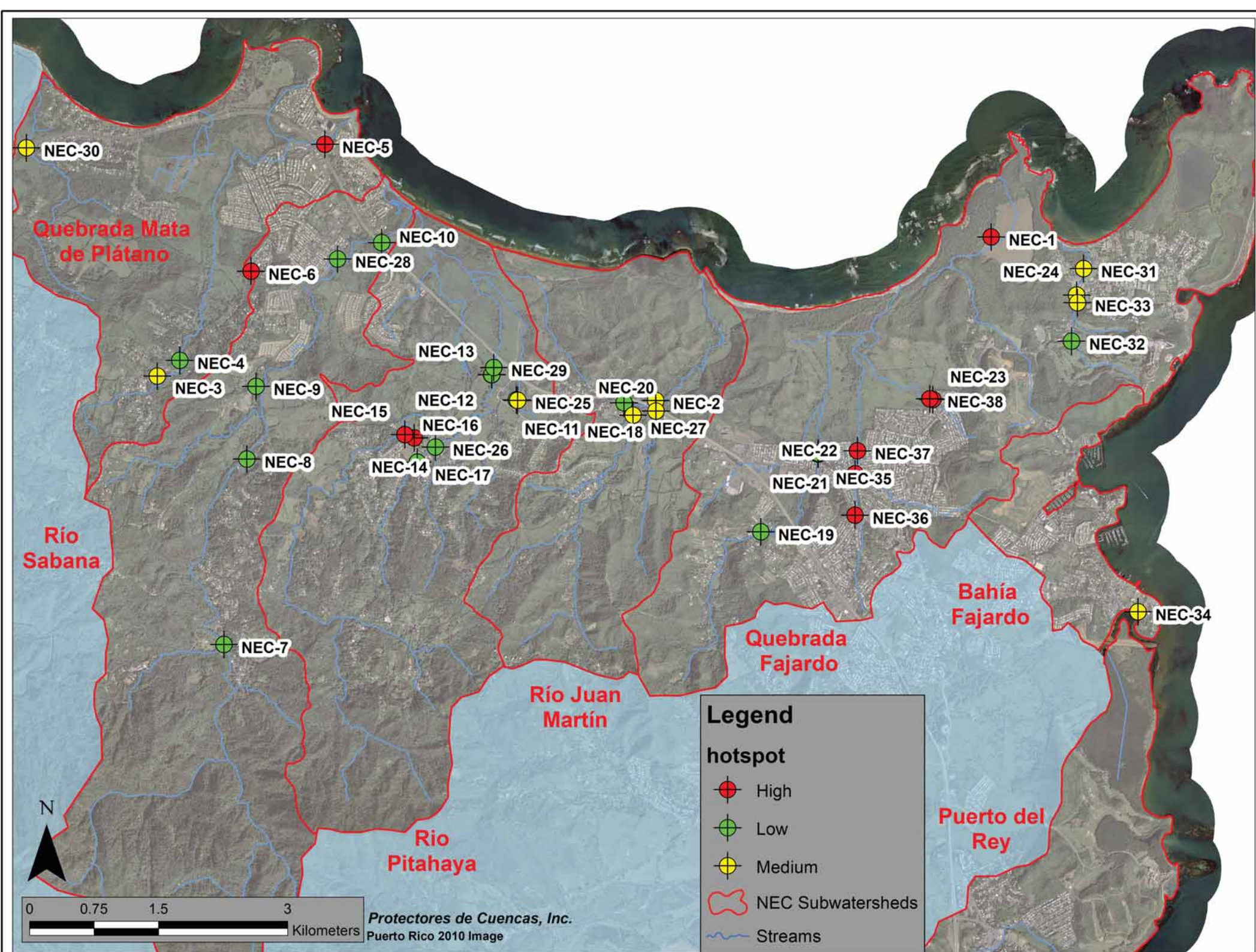
NEC Subwatersheds

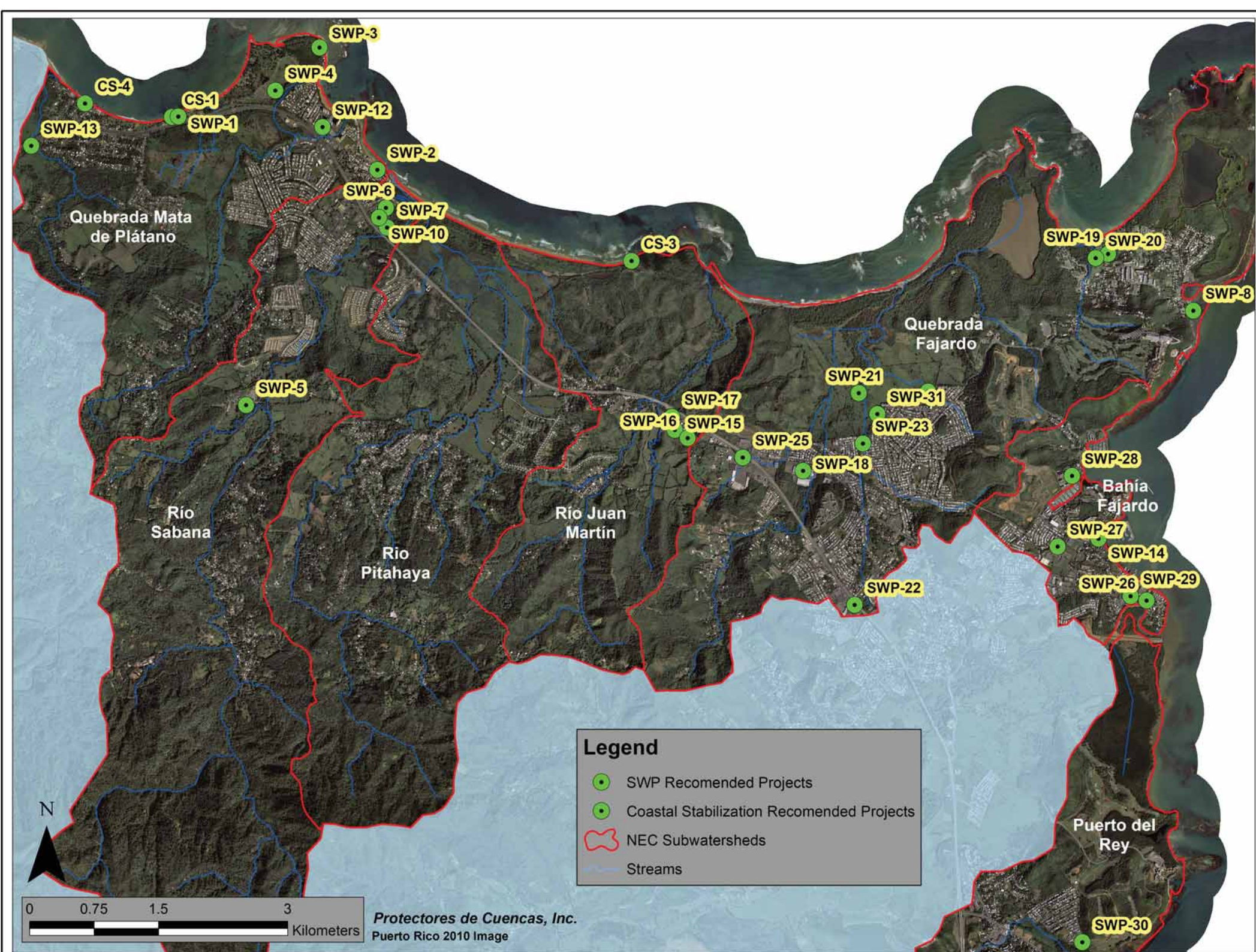
Municipal Boundaries

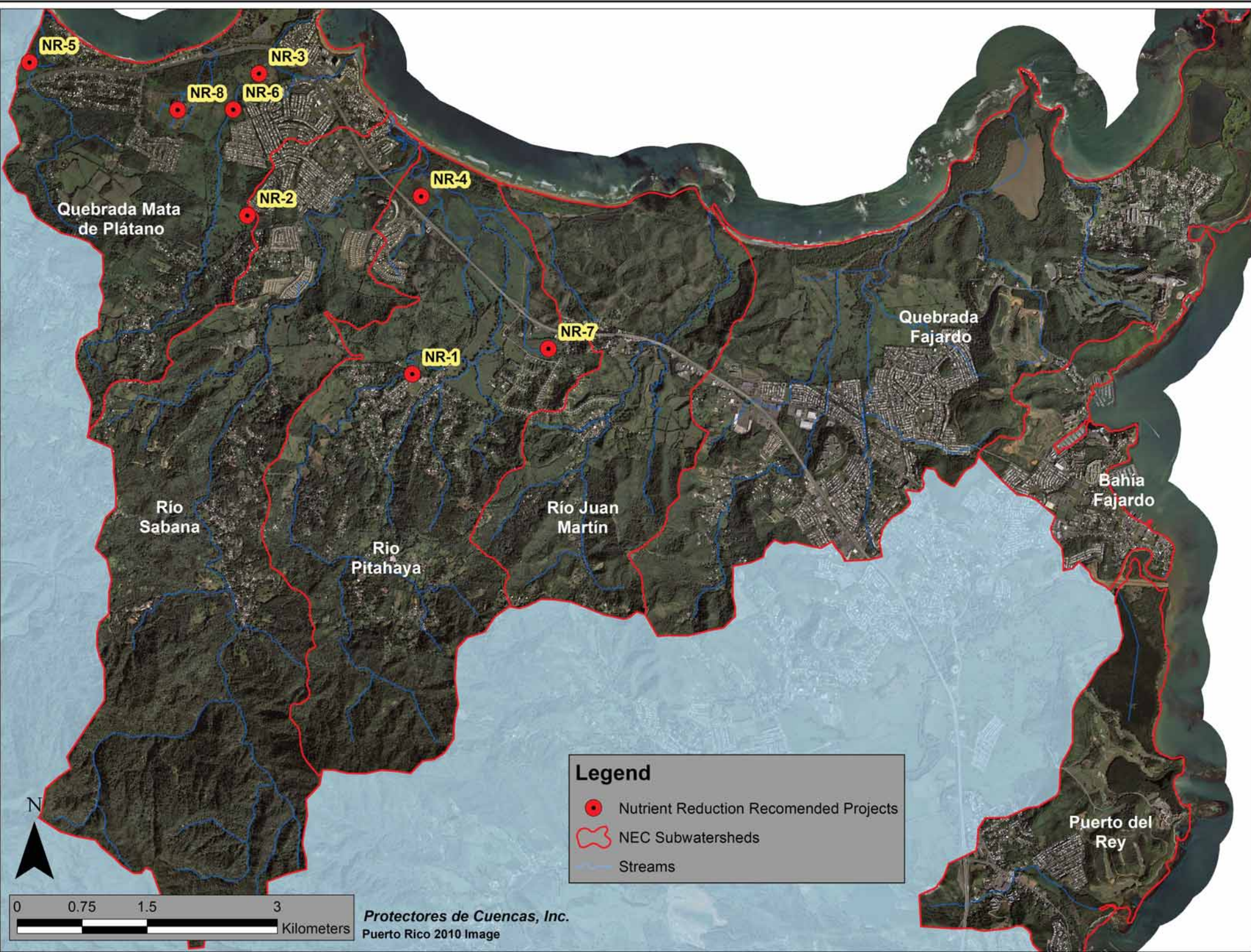
Soil Classification

AcC	HmE	Rc
AmC2	HtE2	RrB
Bc	HtF2	RrC2
CbD2	HuF	Rs
CbF2	JaB	SaE2
Cf	JaC2	SaF2
Cm	Lc	Tf
Co	LuB	Ts
CzE	MaB	Tt
DcE2	MaC2	VeB
DeE2	MaD2	VeC
DgF2	Md	W
DrF	MuD2	Wa
FaC	MuE2	YqE
FaC2	NOTCOM	YuF2
Fo	NaE2	ZaG
FrB	NaF2	ZcF
GPQ	PrC2	









Quebrada Mata
de Plátano

Río
Sabana

Río
Pitahaya

Río Juan
Martín

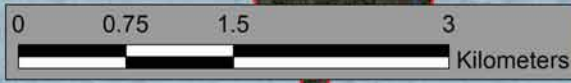
Quebrada
Fajardo

Bahía
Fajardo

Puerto del
Rey

Legend

- Nutrient Reduction Recomendaded Projects
- ⬭ NEC Subwatersheds
- Streams



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image

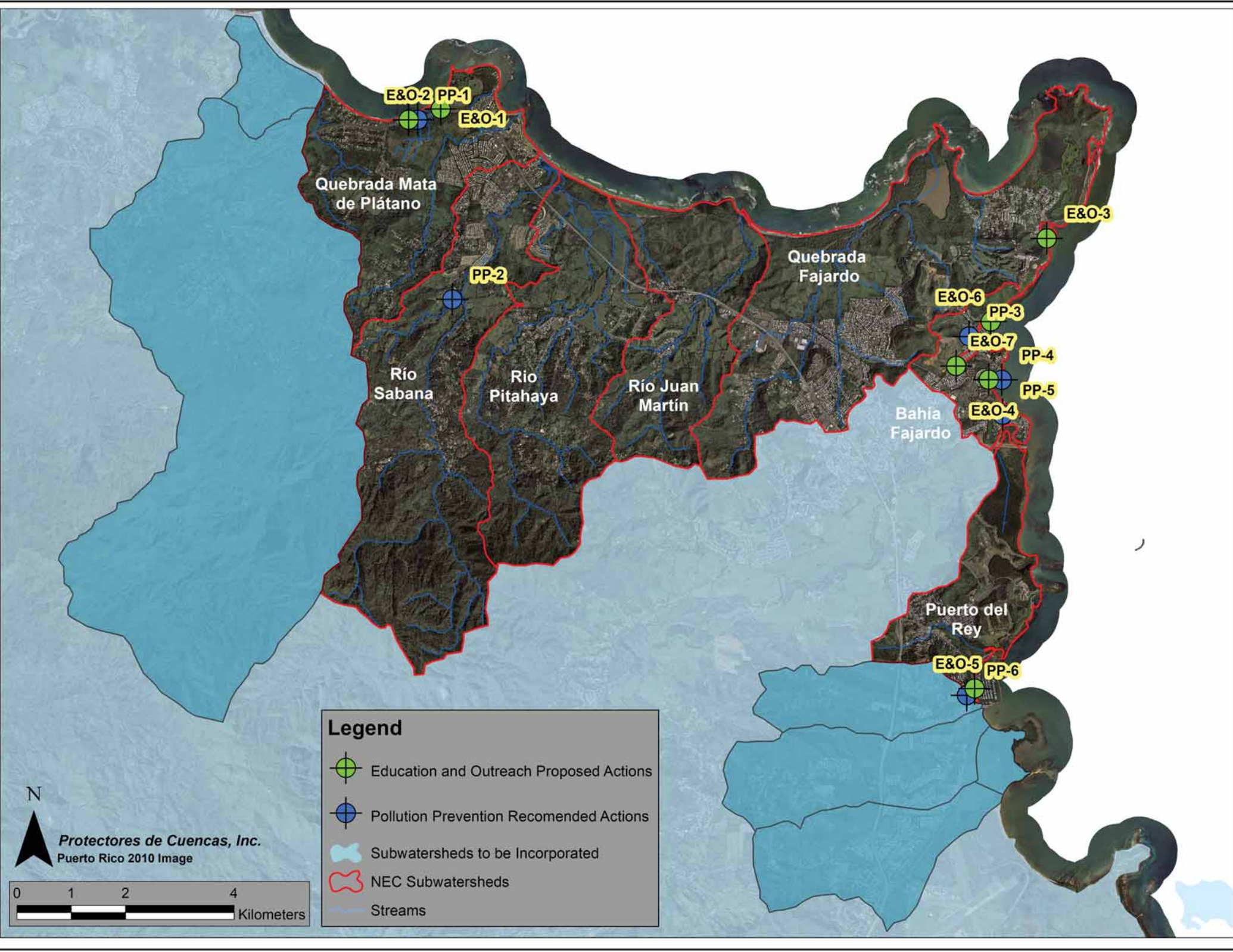


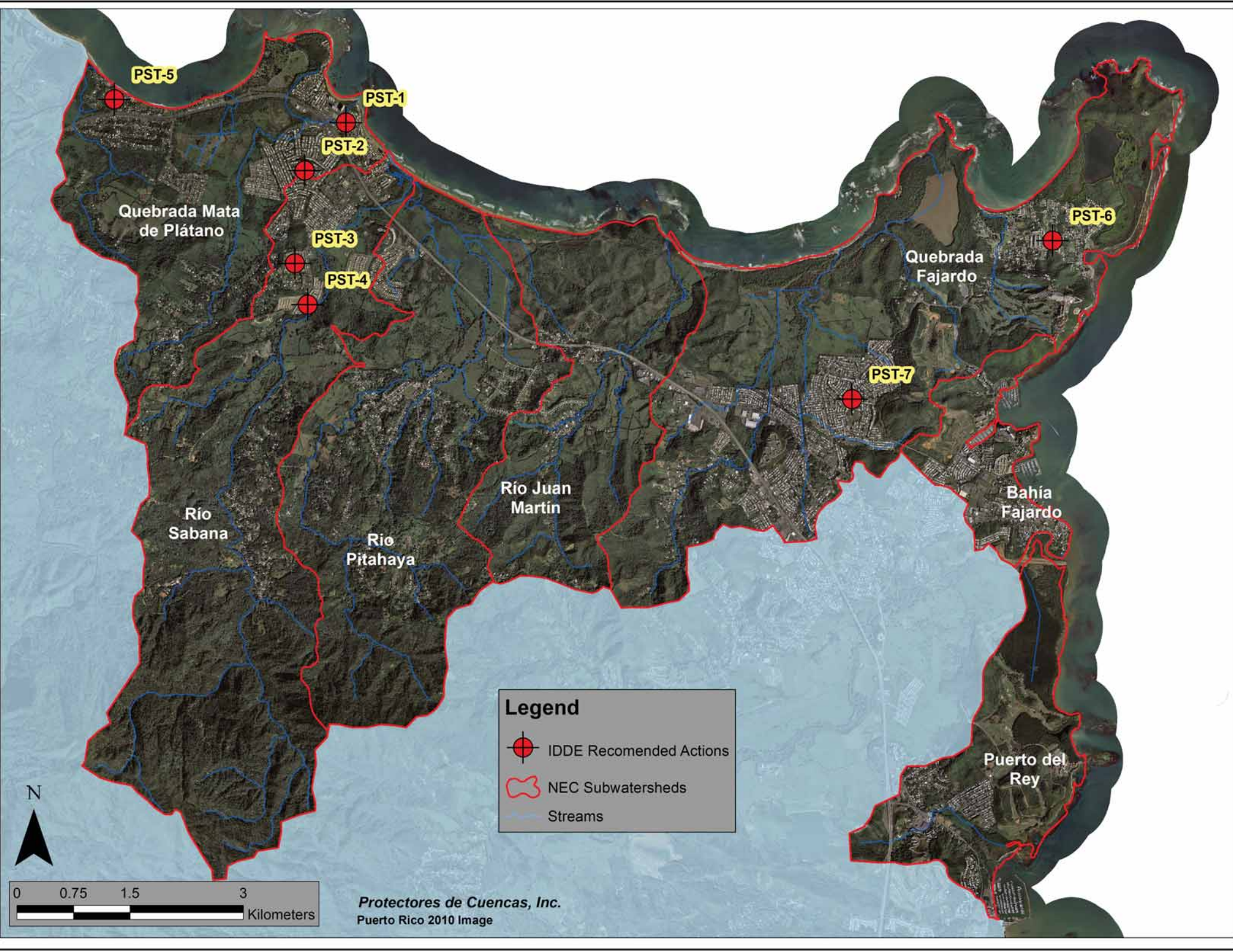
Legend

- Soil Stabilization Recomend Projects
- Dirt Road Stabilization Recomend Projects
- NEC Subwatersheds
- Streams



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image





PST-5

PST-1

PST-2

PST-3

PST-4

PST-6

PST-7

Quebrada Mata
de Plátano

Quebrada
Fajardo

Río
Sabana

Río
Pitahaya

Río Juan
Martín

Bahía
Fajardo

Puerto del
Rey

Legend

-  IDDE Recomendado Actions
-  NEC Subwatersheds
-  Streams



Protectores de Cuencas, Inc.
Puerto Rico 2010 Image