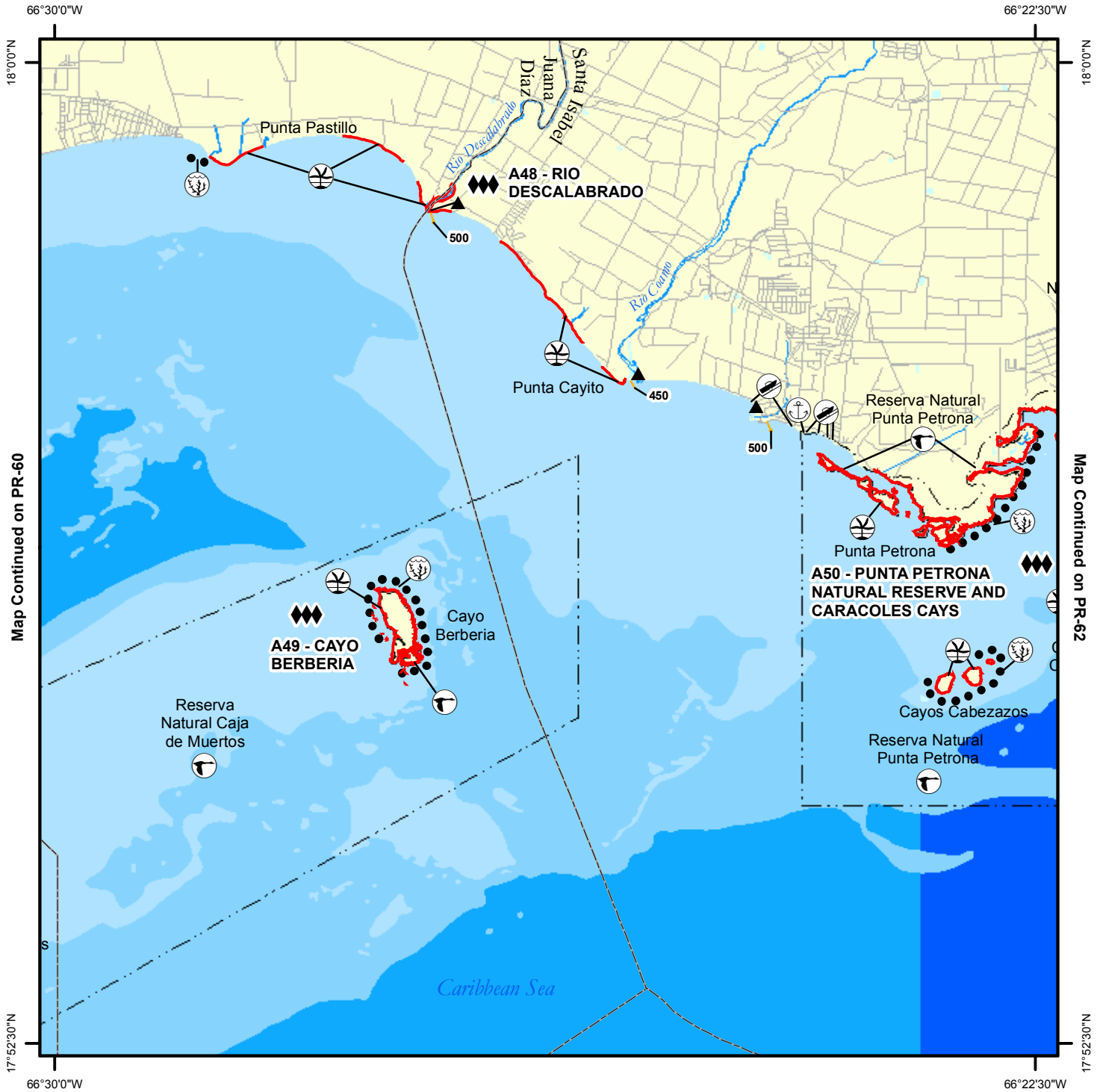


Geographic Response Plan Map: PR-61



Map Continued on PR-60

Map Continued on PR-62

Environmentally Sensitive Areas Priority of Protection - Summer		Acropora Priority Sites	
◆◆◆ A - Protect First - Highest Priority	🐦 Bird Sanctuary	Level A - Protect First	
◆◆ B - Protect after A Areas - Medium Priority	🚤 Boat Ramp	Level B - Protect Second	
◆ C - Protect after B Areas - Lower Priority	🚢 Coast Guard	State Managed Areas	
🌿 Natural Collection Areas	🌊 Coral Reef	Federal Managed Areas	
📍 Collection/Recovery Points	🏠 Historical Site	PR Municipalties/USVI Districts	
📏 General Booming Strategy Length in Feet	🐬 Manatees		
📍 Staging Areas	🌿 Mangrove	🌳 National Park	
🚧 Oil Spill Risk Locations	⚓ Marina	🏞 Wildlife Refuge/Nature Reserve	
🏠 Equipment Sites	🐦 Pelican Nesting Area	🌊 NERR	US Coast Guard Sector San Juan Fish and Wildlife Research Institute
⚡ Power Plants		🌊 Mangroves	
🏛 Archaeological Site		🐠 Coral Reef	
		🐢 Turtle Nesting	

Name: RIO DESCALABRADO

Site ID:

A48

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 17° 59' 0.000" N

Longitude (DMS): 66° 27' 11.999"

County: Juana Díaz

Latitude (DD): 17.98333299

Longitude (DD): -66.45333302

SCAT Division: Juana Díaz County Division 1

ESI Map: PR-61

ESI Name: SANTA ISABEL, P.R.

NOAA Chart: 25677

CHART Name: SOUTH COAST OF PUERTO RICO

USGS Quad: 17066-H4

QUAD Name: Santa Isabel

Managed Area (if applicable):

General Location: Río Cañas Abajo

CONTACT INFORMATION

Contacts: P.R. DNER - Emerg. Coord. - (787) 724-5700; P.R. DNER - Guayama - Oil Spills - (787) 864-5353 or (787) 864-0105; P.R. DNER Guayama (Alt) - (CEL) 385-8477; P.R. DNER, Guayama - (787) 864-4776/0771, P.R. DNER; NOAA - Brad Benggio 206-849-9923; DOI - Greg Hogue 404-909-0537

RESOURCES AT RISK INFORMATION

Shoreline Type:

Habitat: Mangroves behind beach berm, mixed sand and gravel beaches, exposed rocky platforms and coarse grained sandy beaches.

Wildlife: Sea turtles, sea birds and shore birds.

Threaten/Endangered Species: Hawksbill Turtle.

Socio-Economic Resources: Fishing village.

RESPONSE CONSIDERATIONS

Staging Area: Vehicle: Very accessible of Rt. 2, recommend 4 wheel drive. Boat: Ramp is a Playa de Santa Isabel. Aircraft: Aeropuerto de Santa Isabel.

Collection Points:

Area Access: aircraft/boat/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT): 1200

Boom Type:

Booming Method: Containment/Ensnarement

Protection Strategy: Deploy 200 ft. of exclusion boom across channel entrance. Establish a collection point on the sandy beach to the east of the mangroves using 1,000 ft. of boom. Establish a second collection point to the east of mangroves at Punta Cayito. Deploy wildlife control measures to protect birds.



Name: CAYO BERBERIA

Site ID:

A49

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description:

GEOSPATIAL INFORMATION

Latitude (DMS): 17° 55' 30.000" N

Longitude (DMS): 66° 27' 29.999"

County: Juana Díaz

Latitude (DD): 17.92500001

Longitude (DD): -66.45833298

SCAT Division: Juana Díaz County Division 1

ESI Map: PR-61

ESI Name: SANTA ISABEL, P.R.

NOAA Chart: 25677

CHART Name: SOUTH COAST OF PUERTO RICO

USGS Quad: 17066-H4

QUAD Name: Santa Isabel

Managed Area (if applicable):

General Location: Río Cañas Abajo

CONTACT INFORMATION

Contacts: P.R. DNER - Emerg. Coord. - (787) 724-5700; P.R. DNER Guayama - Oil Spills - (787) 864-5353 or (787) 864-0105; P.R. DNER - Guayama (Alt) - (CEL) 385-8477; P.R. DNER Guayama - (787) 864-4776/0771; P.R. DNER, Guayama (Alt) - (787) 839-0337; NOAA - Brad Benggio 206-849-9923; DOI - Greg Hogue 404-909-0537

RESOURCES AT RISK INFORMATION

Shoreline Type:

Habitat: Exposed and sheltered mangroves and coral reefs.

Wildlife: Diving birds, wading birds, shorebirds and wildlife preserve of Cayo Berberia.

Threaten/Endangered Species: Brown pelican.

Socio-Economic Resources: None reported.

RESPONSE CONSIDERATIONS

Staging Area: Boat: Nearest boat ramp is at Playa de Santa Isabel.

Collection Points:

Area Access: boat

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method:

Protection Strategy: Nearshore containment strategies are not normally feasible in this area. Diversion booming should be considered under ideal weather conditions. Conduct containment booming and skimming operations to protect island. Consider using offshore dispersants and the pre-application of a wetting agent on the mangroves. Deploy wildlife control measures to protect birds.



Name: PUNTA PETRONA NATURAL RESERVE AND CARACOLES CAYS

Site ID:

A50

Protection Priority (Season): Spring: Summer: Fall: Winter:

Site Description: Natural Reserve

GEOSPATIAL INFORMATION

Latitude (DMS): 17° 57' 0.000" N

Longitude (DMS): 66° 23' 30.001"

County: Santa Isabel

Latitude (DD): 17.95000001

Longitude (DD): -66.39166698

SCAT Division: Santa Isabel County Division 1

ESI Map: PR-61

ESI Name: SANTA ISABEL, P.R.

NOAA Chart: 25677

CHART Name: SOUTH COAST OF PUERTO RICO

USGS Quad: 17066-H4

QUAD Name: Santa Isabel

Managed Area (if applicable): Punta Petrona Natural Reserve

General Location: Felicia

CONTACT INFORMATION

Contacts: P.R. DNER - Emerg. Coord. - (787) 724-5700; P.R. DNER - Guayama - Oil Spills - (787) 864-5353 or (787) 864-0105; P.R. DNER Guayama - (787) 864-4776/0771; P.R. DNER Guayama (Alt) - (787) 864-1515; NOAA - Brad Benggio 206-849-9923; DOI - Greg Hogue 404-909-0537

RESOURCES AT RISK INFORMATION

Shoreline Type: Archaeological sites in area. This includes bone fragments, shell artifacts and pottery shards. Contact SHPO at the above number.

Habitat: Exposed mangroves, sheltered mangroves, fine and course grained sand beaches, and coral reefs.

Wildlife: Thalassia beds, diving birds and sea turtles.

Threaten/Endangered Species: Brown Pelican, West Indian Manatee and Frigate Bird.

Socio-Economic Resources: None reported.

RESPONSE CONSIDERATIONS

Staging Area: Vehicle: Access via Rt. 538 to Playa Santa Isabel. No access is available to mangroves by vehicles. Boat: Access via Playa Santa Isabel. Aircraft: Aeropuerto de Santa Isabel.

Collection Points:

Area Access: aircraft/boat/helicopter/vehicle

Spill Risk:

Response Resources:

PROTECTION STRATEGY INFORMATION

Tidal Range (FT):

Average Current (KTS):

Ease of Protection:

Min. Boom Length (FT):

Boom Type:

Booming Method:

Protection Strategy: Due to the extensive exposed mangroves in this area consider using offshore dispersants and the pre-application of a wetting agent on the mangroves. Conduct containment booming and skimming to protect shore. Deploy wildlife control measures to protect birds.

