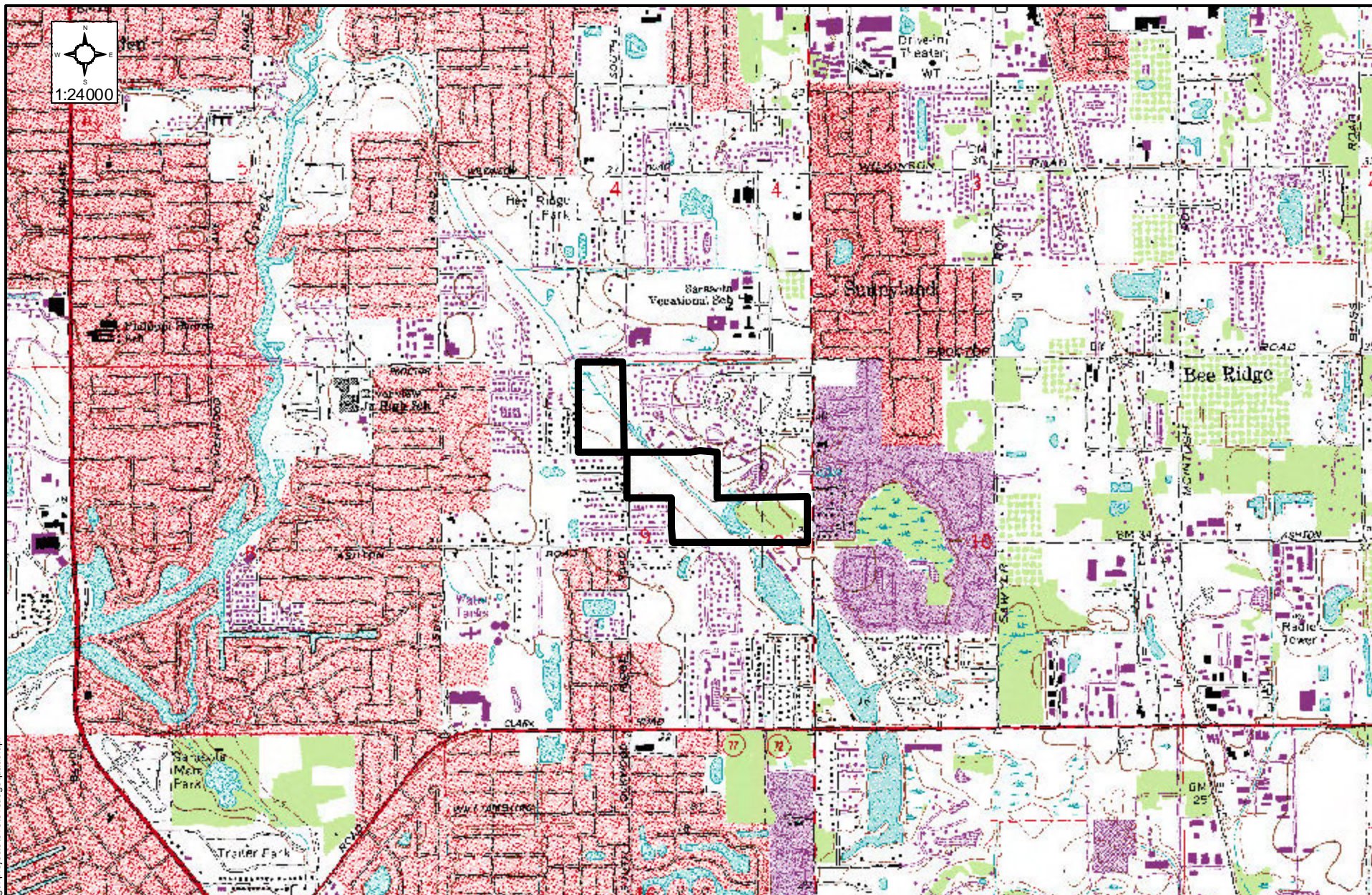


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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan


RED BUG SLOUGH PROJECT LOCATION



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LEGEND

 Approximate Project Boundary

 Approximate Property Boundary



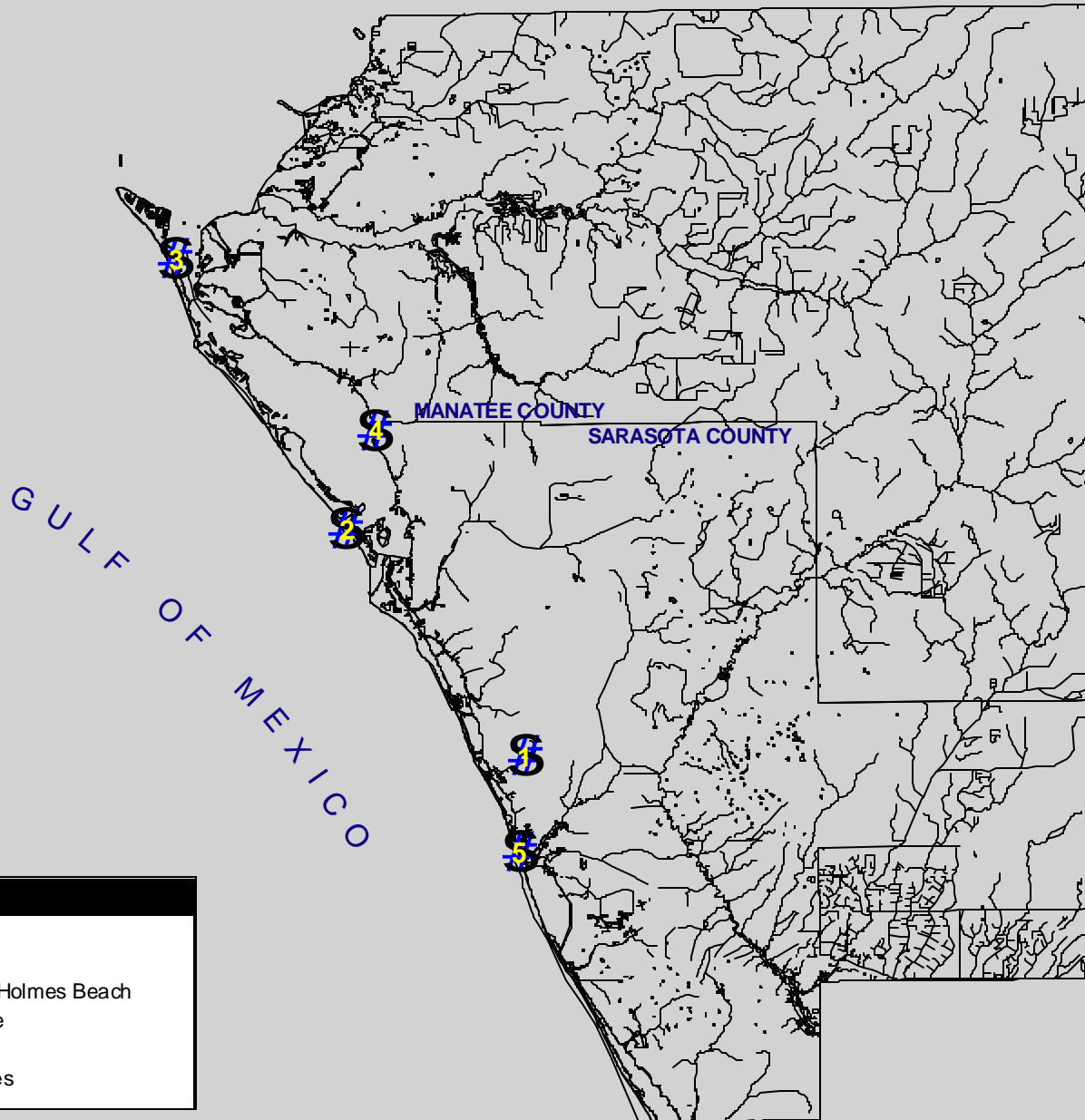
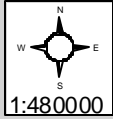
Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

RED BUG SLOUGH PROJECT SITE

**SARASOTA BAY NATIONAL ESTUARY PROGRAM
FIVE-YEAR HABITAT RESTORATION PLAN
FY 2007-2008**

PROJECTS PROPOSED FOR FY 2007-2008

South Creek
North Lido Shores
Grassy Point – City of Holmes Beach
New College Shoreline
Rattle Snake Key



LEGEND

- 1 - South Creek
- 2 - North Lido Shores
- 3 - Grassy Point - City of Holmes Beach
- 4 - New College Shoreline
- 5 - Rattle Snake Key
- Hydrologic Features

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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

APPROXIMATE LOCATIONS OF PROPOSED SBNEP HABITAT RESTORATION SITES - FISCAL YEAR 2007-2008

South Creek

Fiscal Year: 2007-2008	County/Municipality: Sarasota
Parcel Size (appx. ac): 1704.7	Rank: 1
Project Size (appx. ac): 50.0	Landowner: State of Florida, Sarasota County

Location: Osprey, FL

**Cooperator Contact/Phone #: Chris Becker, Department of Environmental
Protection Parks Department/941.486.2053**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Shrub, Mixed Rangeland, Pine Flatwoods, Hardwood Conifer	82.1	1400.1
Wetland -	Estuary, Stream Swamp, Coniferous Forests, Mixed Forested Wetland, Freshwater Marsh, Wet Prairie	12.9	219.4

Disturbed:

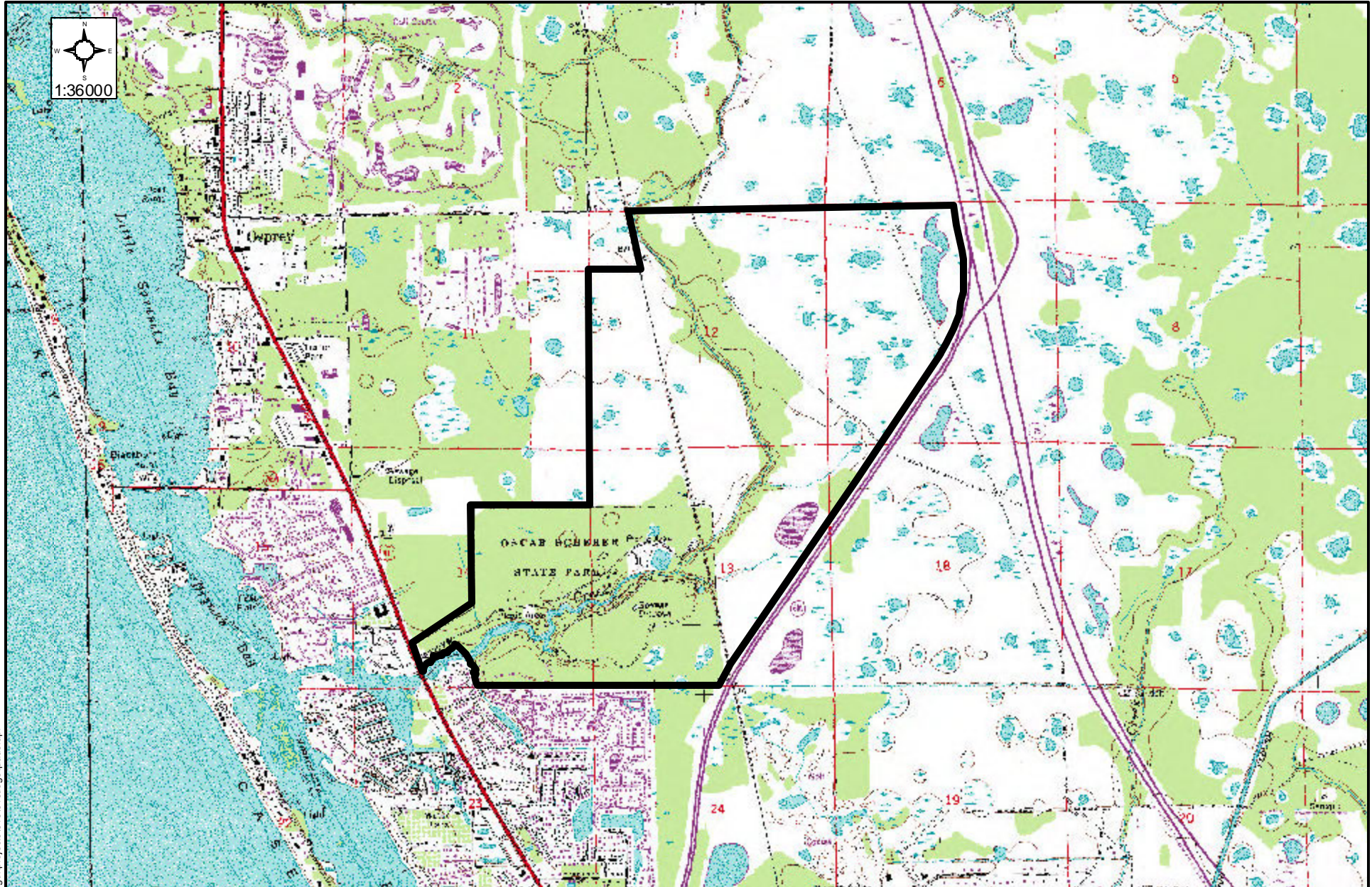
	Description	% Coverage	Approximate Acreage
Upland -	Residential, Open Land, Utilities	3	50.8
Wetland -	Reservoir	2.1	35.1

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 3**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$2,000,000**

Summary

This large parcel (Oscar Scherer State Park) is primarily in good shape except for the created borrow pits and the creek system itself. These areas need restorative actions to improve habitat values. The creek banks require stabilization and planting of native vegetation. The borrow pits could be reworked to provide littoral platforms and improve water quality parameters.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

SOUTH CREEK POTENTIAL RESTORATION



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LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

SOUTH CREEK PROJECT SITE

North Lido Shores

Fiscal Year: 2007-2008	Rank: 6
Parcel Size (appx. ac): 61.19	County/Municipality: Sarasota
Project Size (appx. ac): 12.57	Landowner: City of Sarasota

Location: Sarasota County, FL

Cooperator Contact/Phone #: Gary Raulerson, SBNEP/941.951.3650

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Upland Shrub/Brushland, Hardwood Forests	57.8	35.4
Wetland -	Estuary, Mangrove Swamp, Tidal Flats/Submerged Shallow Platform	15.1	9.3

Disturbed:

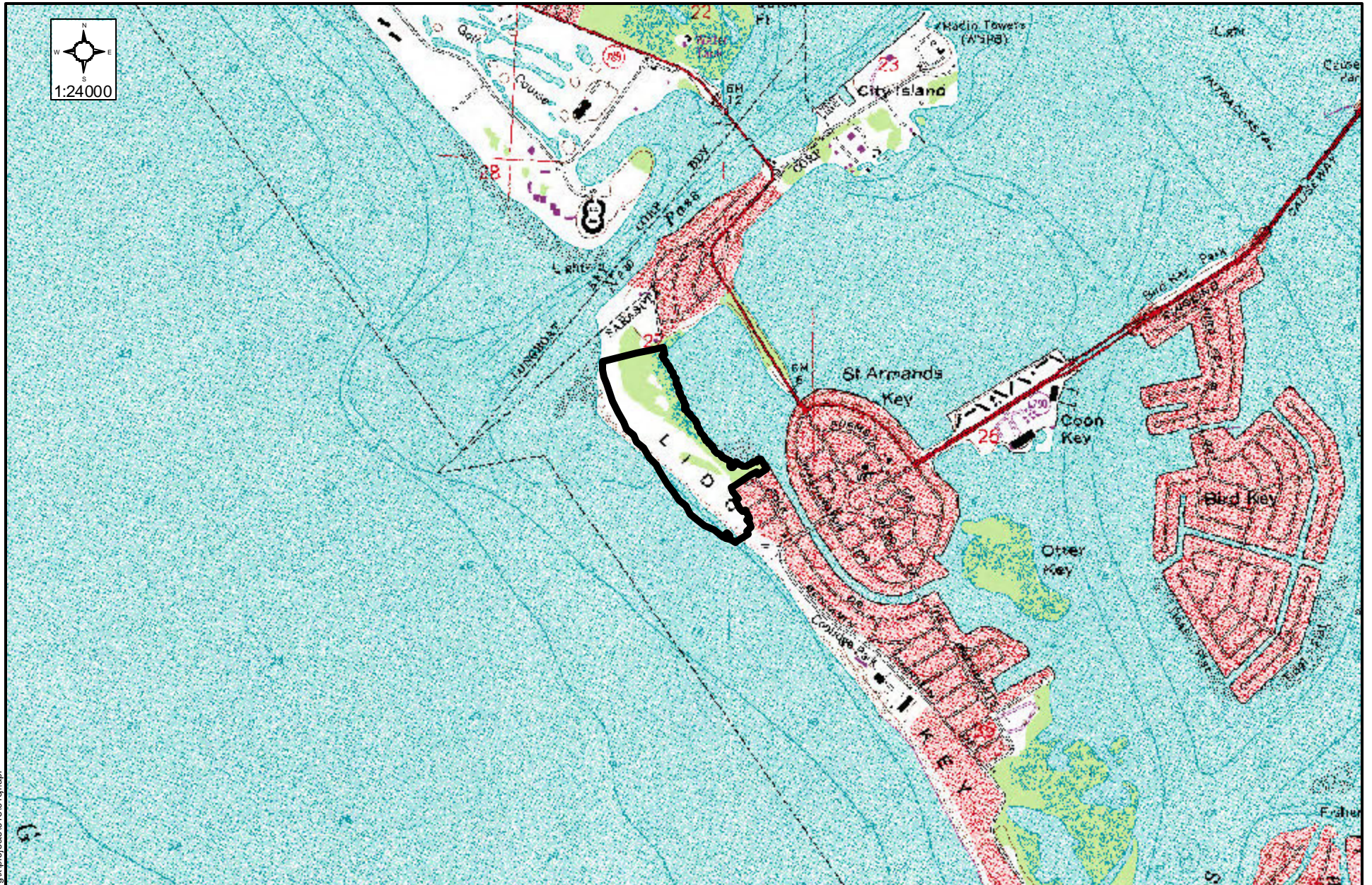
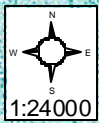
	Description	% Coverage	Approximate Acreage
Upland -	Residential, Recreational	27.1	16.6
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$502,800**

Summary

This coastal parcel is owned by the City of Sarasota and currently has exotic vegetation that is mixed into the existing coastal hammock community. The project plan is to remove this vegetation and restore the native vegetative community.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

NORTH LIDO SHORES PROJECT LOCATION



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

NORTH LIDO SHORES PROJECT SITE

Grassy Point

Fiscal Year: 2007-2008	Rank: 8
Parcel Size (appx. ac): 33.5	County/Municipality: Manatee
Project Size (appx. ac): 3.8	Landowner: City of Holmes Beach

Location: Anna Maria Island, FL

Cooperator Contact/Phone #: Joe Dennes, City of Holmes Beach/941.745.3727

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -			
Wetland -	Estuary Mangrove Swamp	90	30.0

Disturbed:

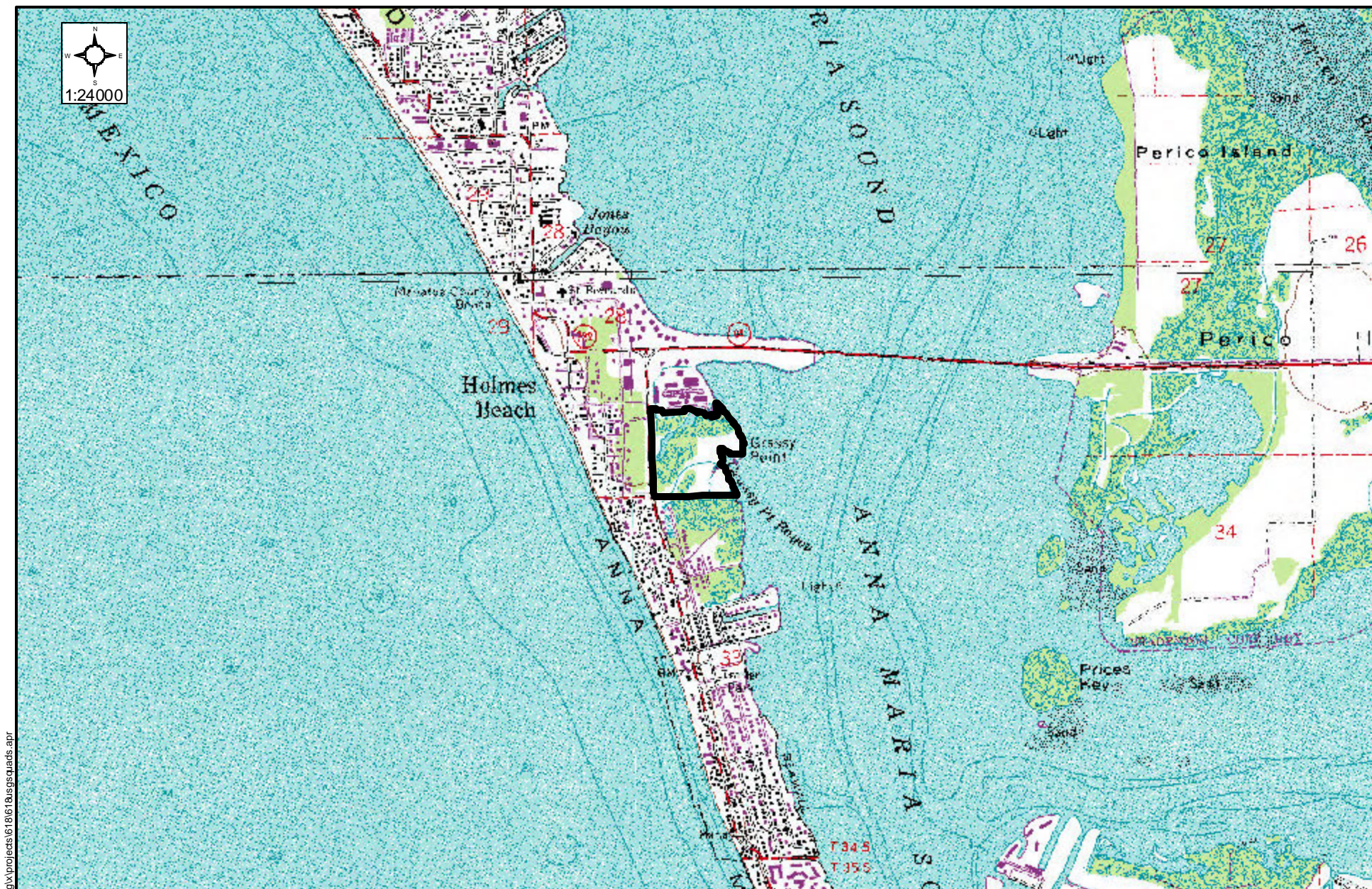
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetative	10	3.5
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 2**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$133,350**

Summary

This parcel, located on the bay side of Anna Maria Island, has a small area of upland that is currently infested with AP. This area could be restored to a coastal hammock community, providing a rare habitat form for the area.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan


GRASSY POINT - CITY OF HOLMES BEACH PROJECT LOCATION



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LEGEND

 Approximate Project Boundary

 Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

**GRASSY POINT - CITY OF HOLMES BEACH
PROEJCT SITE**

New College Shoreline

Fiscal Year: 2007-2008	Rank: 8
Parcel Size (appx. ac): 102.3	County/Municipality: Sarasota
Project Size (appx. ac): 7.9	Landowner: State of Florida

Location: Sarasota, FL

Cooperator Contact/Phone #: Julie Morris, New College/941.359.4299

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Tidal Flats	1	1.0

Disturbed:

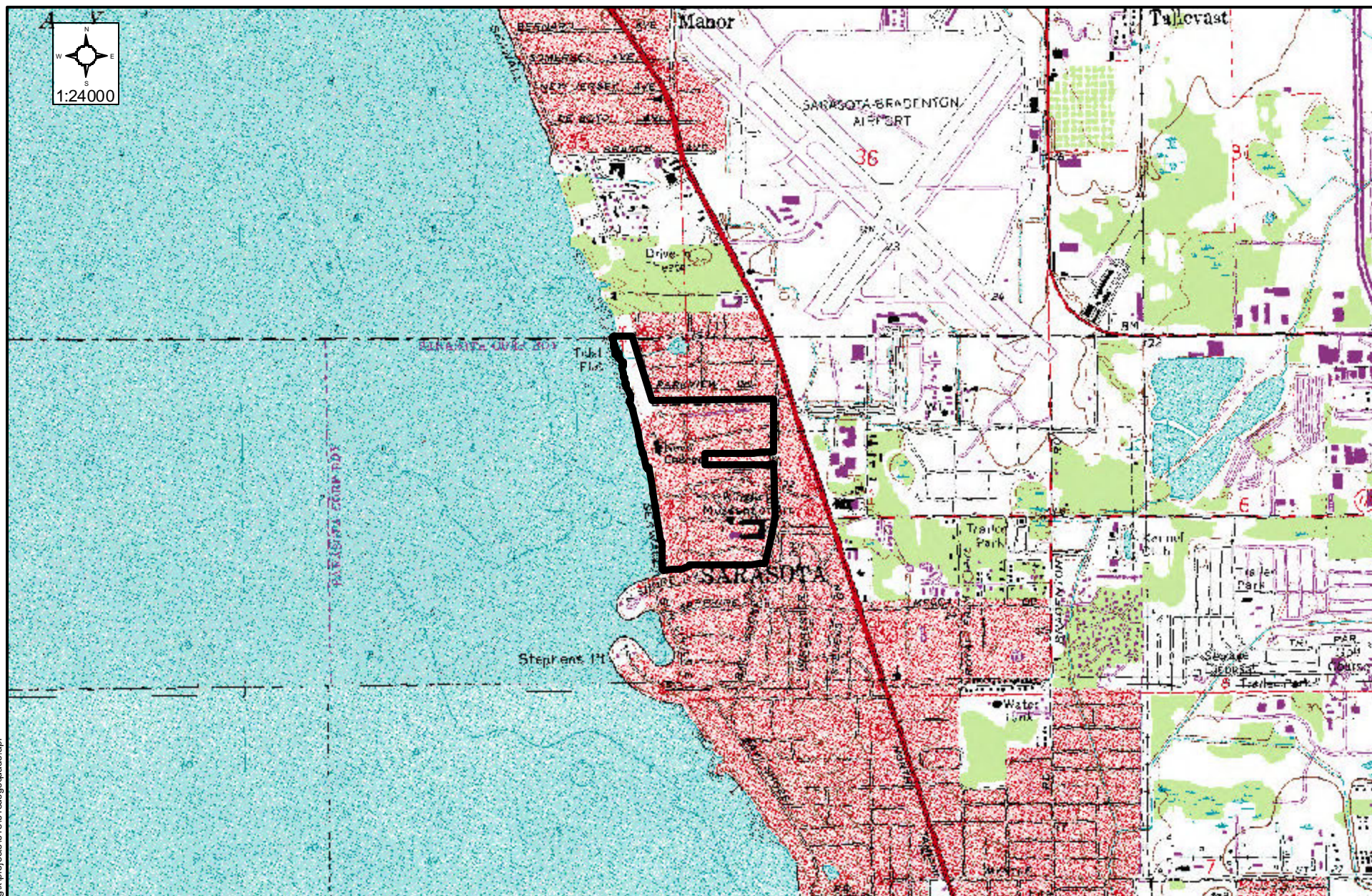
	Description	% Coverage	Approximate Acreage
Upland -	Residential Institutional Open Land	97.7	99.9
Wetland -	Reservoir	1.3	1.4

Restoration Potential

- **Proximity to Natural Habitat: 1**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$316,400**

Summary

This shoreline parcel along Sarasota Bay has potential habitat restoration possibilities to remove exotic vegetation and restore coastal communities. In addition, untreated stormwater runoff could be addressed with the implementation of this project.





Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

NEW COLLEGE SHORELINE PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

NEW COLLEGE SHORELINE PROJECT SITE

Rattle Snake Key

Fiscal Year: 2007-2008	Rank: 9
Parcel Size (appx. ac): 13.0	County/Municipality: Sarasota
Project Size (appx. ac): 13.0	Landowner: Sarasota County

Location: Nokomis, FL

Cooperator Contact/Phone #: Laird Wreford, Sarasota County/941.861.6231

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary	47.9	6.2

Disturbed:

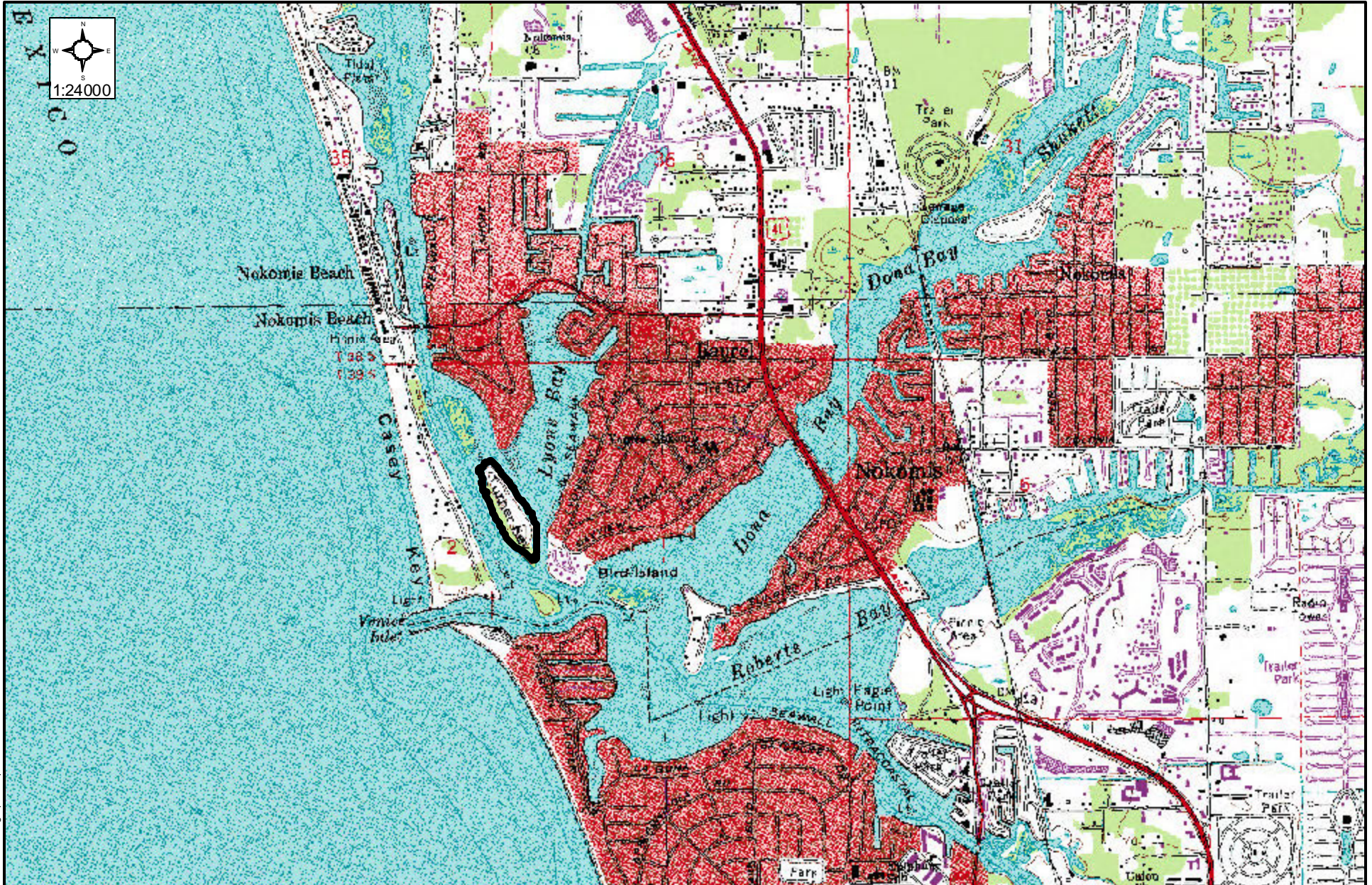
	Description	% Coverage	Approximate Acreage
Upland -	Mixed Rangeland	52.1	6.8
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 1**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$651,000**



Summary

This large island is located at the mouth of Lyons Bay, north of the Venice Inlet. The upland areas are currently infested with non-native vegetation (Brazilian peppertree and Australian Pine). Restorative measures include the removal of the exotic vegetation and the restoration of estuarine habitats including tidal streams, seagrass beds, and mangrove forests. In addition, coastal upland communities could be restored within the interior of the island.





LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



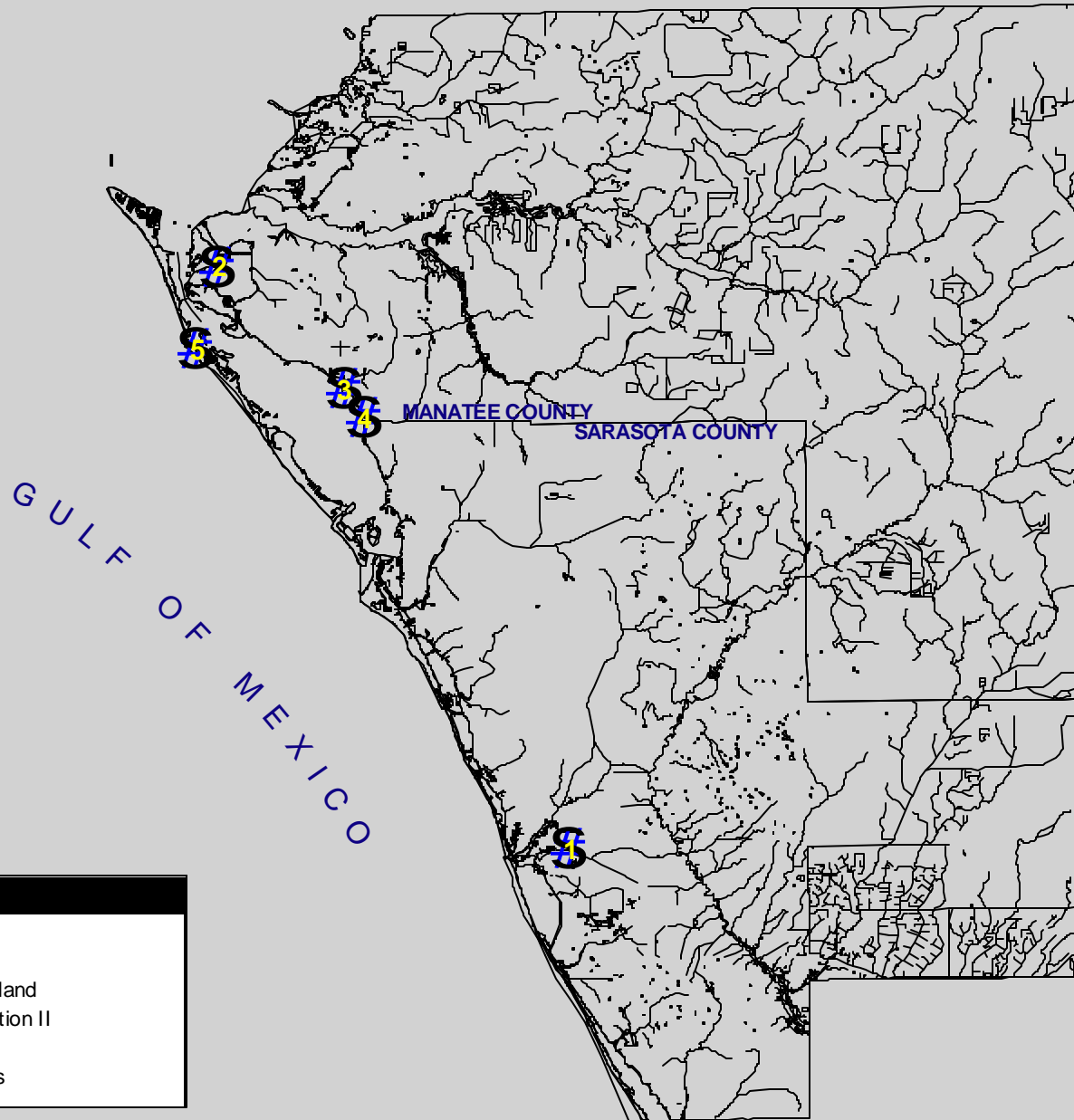
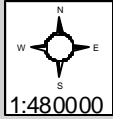
Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

RATTLE SNAKE KEY PROJECT SITE

**SARASOTA BAY NATIONAL ESTUARY PROGRAM
FIVE-YEAR HABITAT RESTORATION PLAN
FY 2008-2009**

PROJECTS PROPOSED FOR FY 2008-2009

Curry Creek
Perico Bay South
Bowlees Creek Spoil Island
Airport/Crosley Connection II
Broadway (Publicly Owned)



LEGEND

- 1 - Curry Creek
- 2 - Perico Bay South
- 3 - Bowlees Creek Spoil Island
- 4 - Airport/Crosley Connection II
- 5 - Broadway Public
-  Hydrologic Features

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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

APPROXIMATE LOCATIONS OF PROPOSED SBNEP HABITAT RESTORATION SITES - FISCAL YEAR 2008-2009

Curry Creek

Fiscal Year: 2008-2009	Rank: 6
Parcel Size (appx. ac): 82.48	County/Municipality: Sarasota
Project Size (appx. ac): 18.55	Landowner: Sarasota County

Location: Sarasota County, FL

Cooperator Contact/Phone #: Rob Kluson, Sarasota County/941.861.6238

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Pine Flatwoods	39.7	32.7
Wetland -	Estuary, Saltwater Marsh, Swamp, Wet Prairie, Mixed Forested Wetland	57.0	47.1

Disturbed:

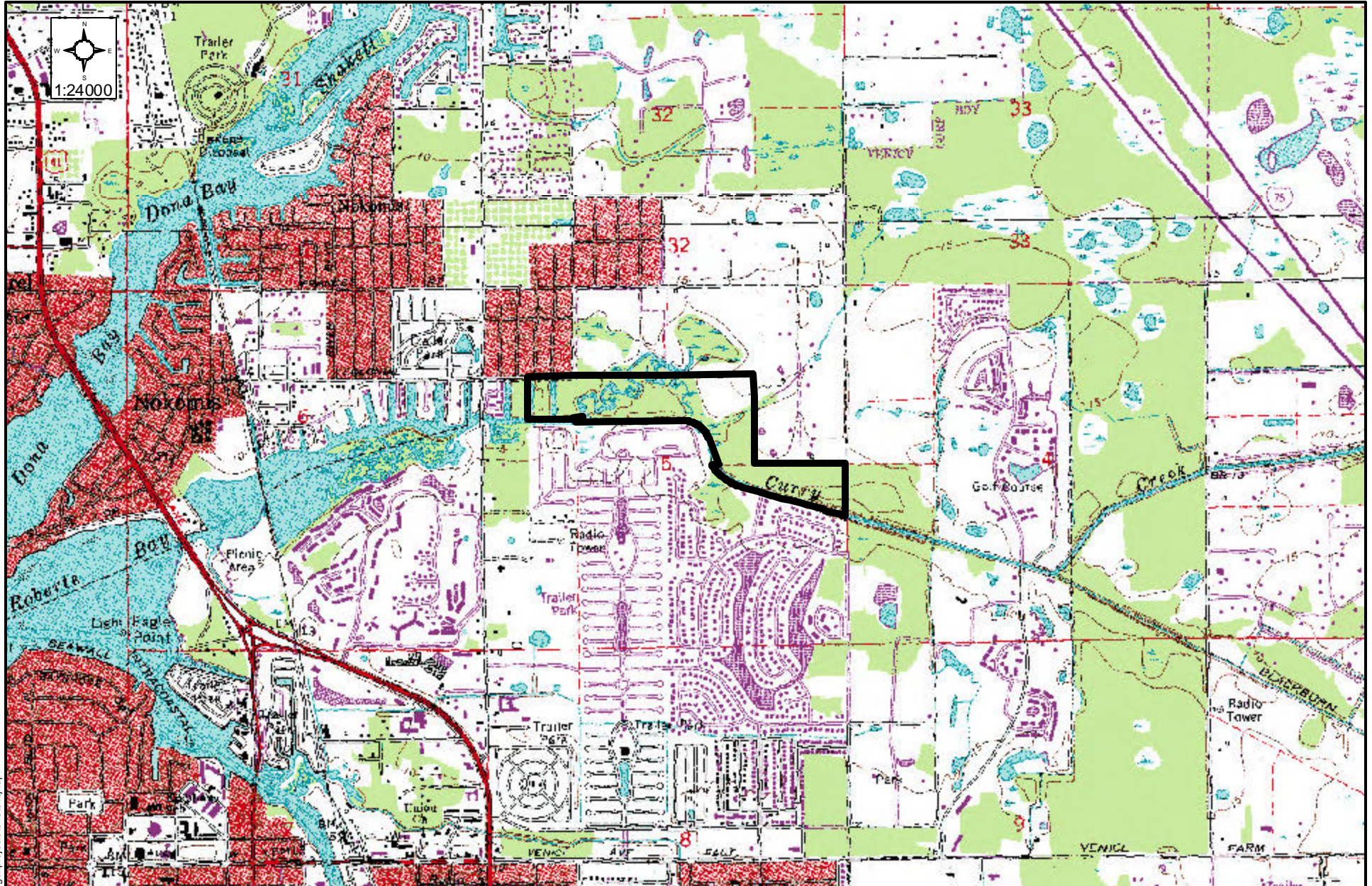
	Description	% Coverage	Approximate Acreage
Upland -	Cropland/Pastureland, Residential	2.2	1.8
Wetland -	Reservoir	1.0	0.9

Restoration Potential

- **Proximity to Natural Habitat: 2**
- **Potential Fisheries Habitat: 3**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$927,500**

Summary

This creek has historically been channelized due to flooding concerns and, thus, has limited ecological value. The project will restore the creek banks by removing exotic vegetation and scalputing the shoreline to restore the stream banks.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

CURRY CREEK PROJECT LOCATION



LEGEND

 Approximate Project Boundary

 Approximate Property Boundary

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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

CURRY CREEK PROJECT SITE

Perico Bay South

Fiscal Year: 2008-2009	Rank: 9
Parcel Size (appx. ac): 78.4	County/Municipality: Manatee
Project Size (appx. ac): 6.8	Landowner: Manatee County

Location: Palma Sola Bay, FL
Cooperator Contact/Phone #: Charlie Hunsicker, Manatee County
/941.745.3727

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Mangrove Swamp, Saltwater Marsh, Tidal Flat	97.2	76.2

Disturbed:

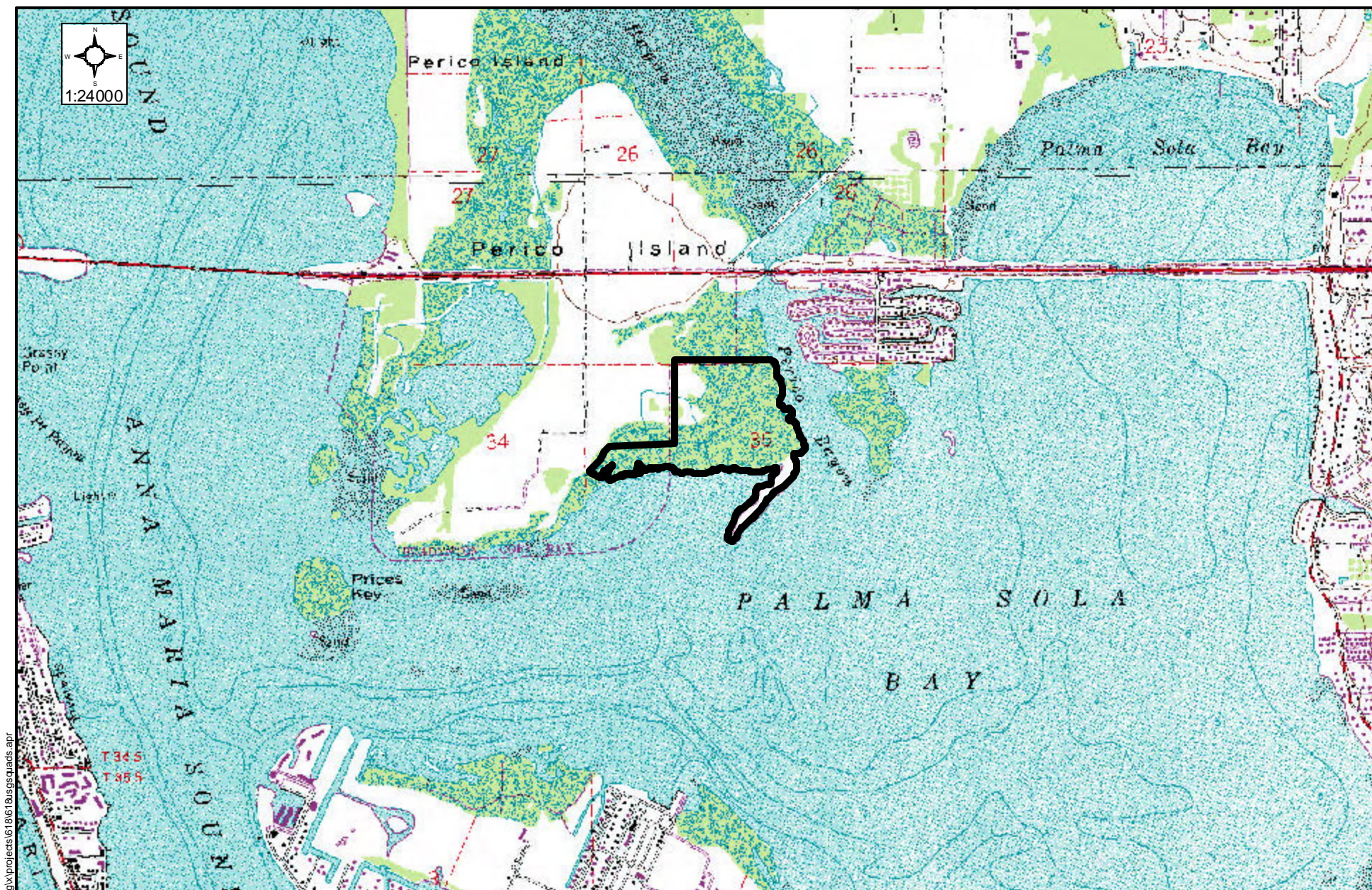
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	2.8	2.2
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 1**
- **Potential Difficulties:**
- **Estimated Cost: \$340,500**

Summary

The peninsular portion of the parcel is dominated with exotic vegetation (primary AP) and could be restored to provide productive upland and wetland communities.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PERICO BAY SOUTH PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PERICO BAY SOUTH PROJECT SITE

Bowlees Creek Spoil Island

Fiscal Year: 2008-2009	County/Municipality: Manatee
Parcel Size (appx. ac): 4.7	Rank: 9
Project Size (appx. ac): 4.7	Landowner: State of Florida

Location: Manatee County, FL
Cooperator Contact/Phone #: Charlie Hunsicker, Manatee
County/941.745.3727

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Tidal Flats	13.1	0.6

Disturbed:

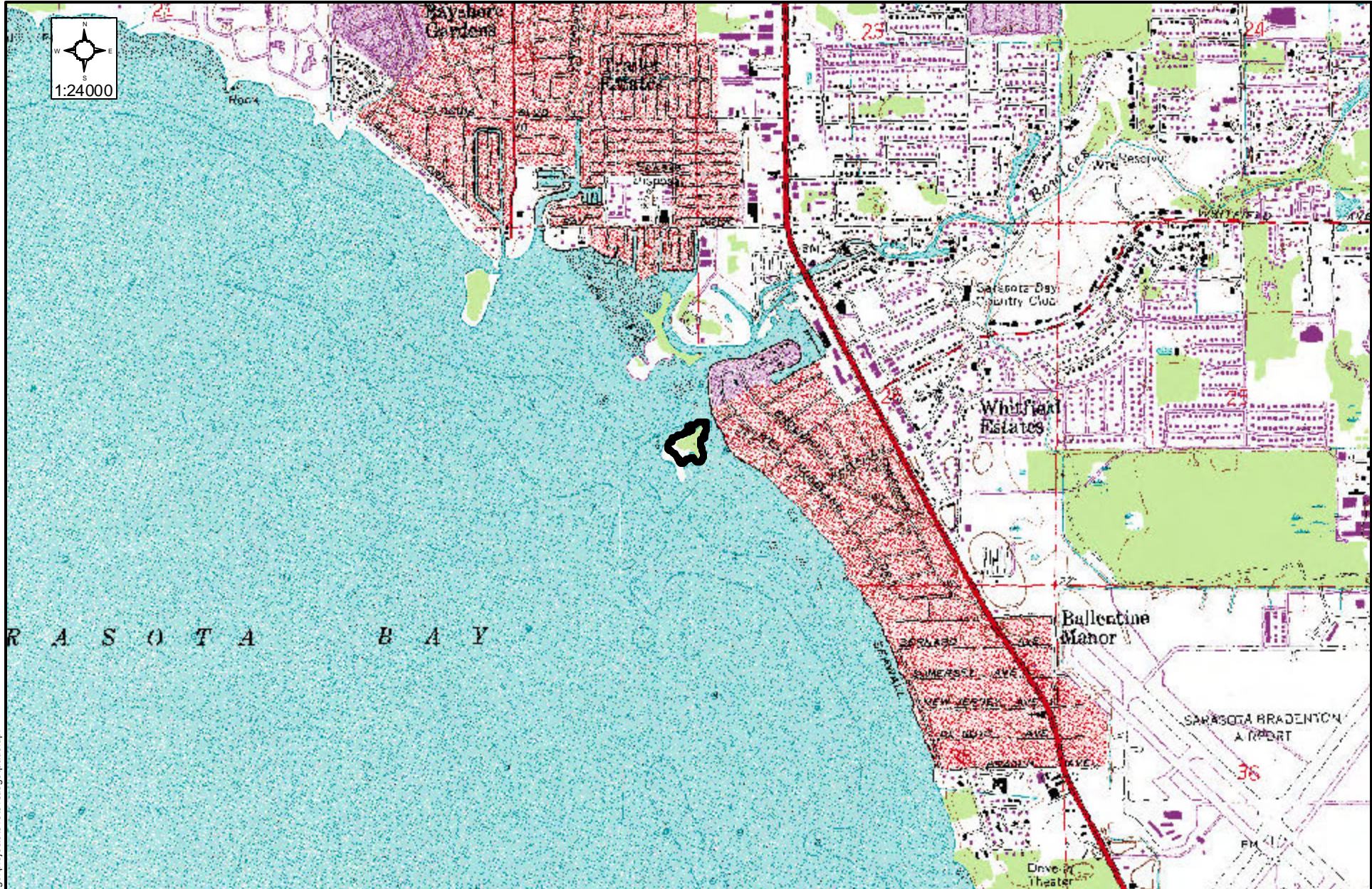
	Description	% Coverage	Approximate Acreage
Upland -	Australian Pine	86.9	4.1
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 1**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$235,500**

Summary

This spoil island is located at the mouth of Bowlees Creek in Manatee County. The removal of the non-native vegetation (AP and BP) would facilitate the potential creation of estuarine marshes. The immediately proximity of the creek would provide seasonally important oligohaline conditions to the restored habitats.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BOWLEES CREEK SPOIL ISLAND PROJECT LOCATION



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LEGEND	
	Approximate Project Boundary
	Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BOWLEES CREEK SPOIL ISLAND PROJECT SITE

Airport/Crosley Connection II

Fiscal Year: 2008-2009	County/Municipality: Manatee
Parcel Size (appx. ac): 19.0	Rank: 9
Project Size (appx. ac): 4.9	Landowner: Manatee County/State of Florida

Location: Manatee County, FL
Cooperator Contact/Phone #: Charlie Hunsicker, Manatee County/941.745.3727

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Pine Flatwoods	50.7	9.6
	Hardwood Conifer		
Wetland -	Estuary	3.5	0.7
	Tidal Flats		

Disturbed:

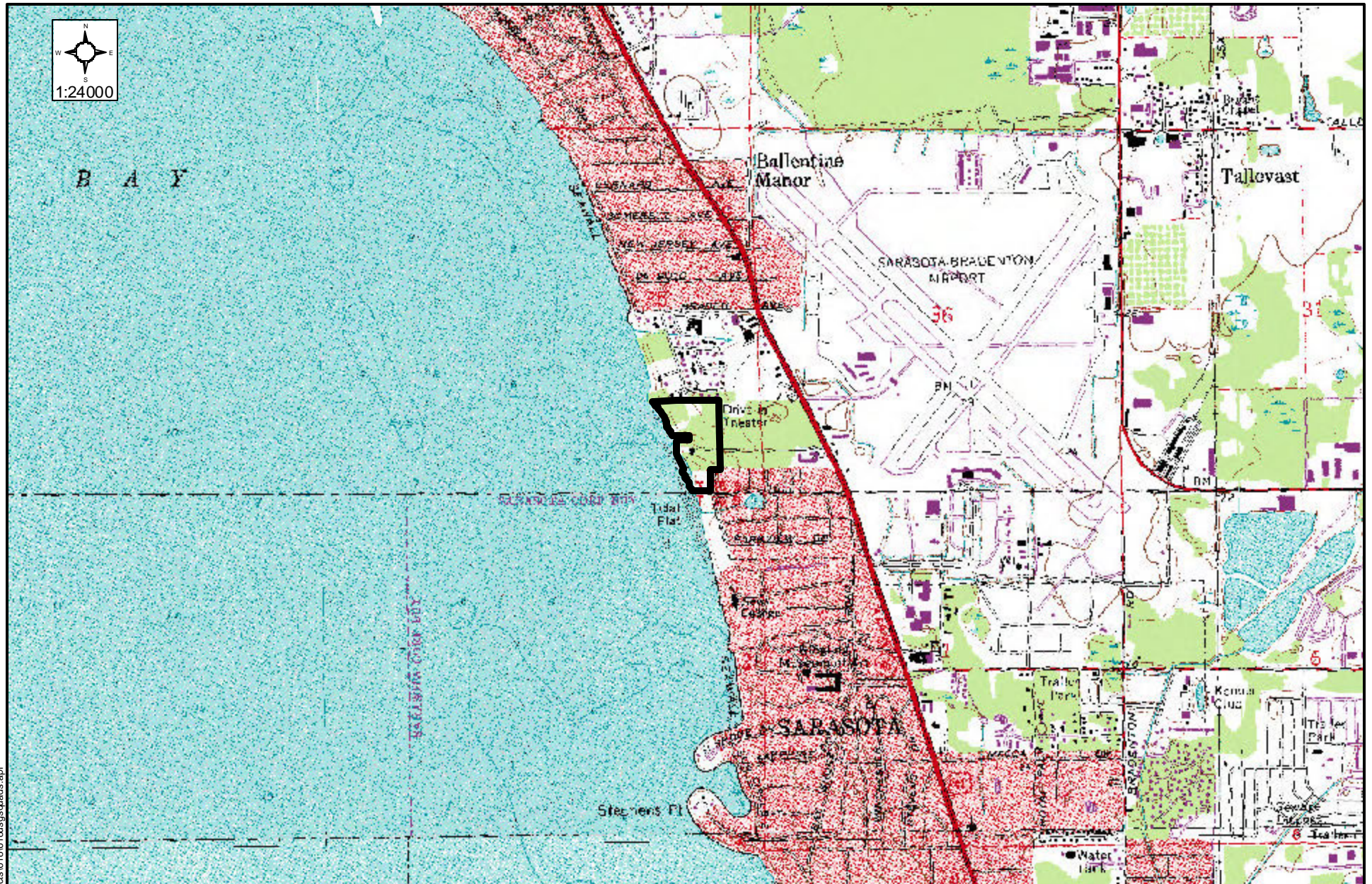
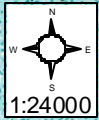
	Description	% Coverage	Approximate Acreage
Upland -	Residential	45.8	8.7
	Open Land		
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 2**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Cooperation from the airport.**
- **Estimated Cost: \$245,500**

Summary

This potential stormwater retrofit project is located along Sarasota Bay and would provide sediment removal and nutrient uptake from the airport's stormwater runoff.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

AIRPORT/CROSLEY CONNECTION II PROJECT LOCATION



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LEGEND

 Approximate Project Boundary

 Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

AIRPORT/CROSLEY CONNECTION II PROJECT SITE

Broadway (Public)

Fiscal Year: 2008-2009	Rank: 11
Parcel Size (appx. ac): 0.7	County/Municipality: Sarasota
Project Size (appx. ac): 0.2	Landowner: Town of Long Boat Key

Location: Long Boat Key, FL

**Cooperator Contact/Phone #: Steve Schield, Town of Long Boat Key
/941.316.1959**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	N/A	0	0

Disturbed:

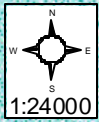
	Description	% Coverage	Approximate Acreage
Upland -	Transportation	100	0.2
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 1**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties:**
- **Estimated Cost: \$50,000**

Summary

This small site involves the hydraulic reconnection of two tidal channels on the north end of Long Boat Key. This project would enhance flows and tidal exchange surrounding Long Beach Key.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BROADWAY (Publicly Owned) PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



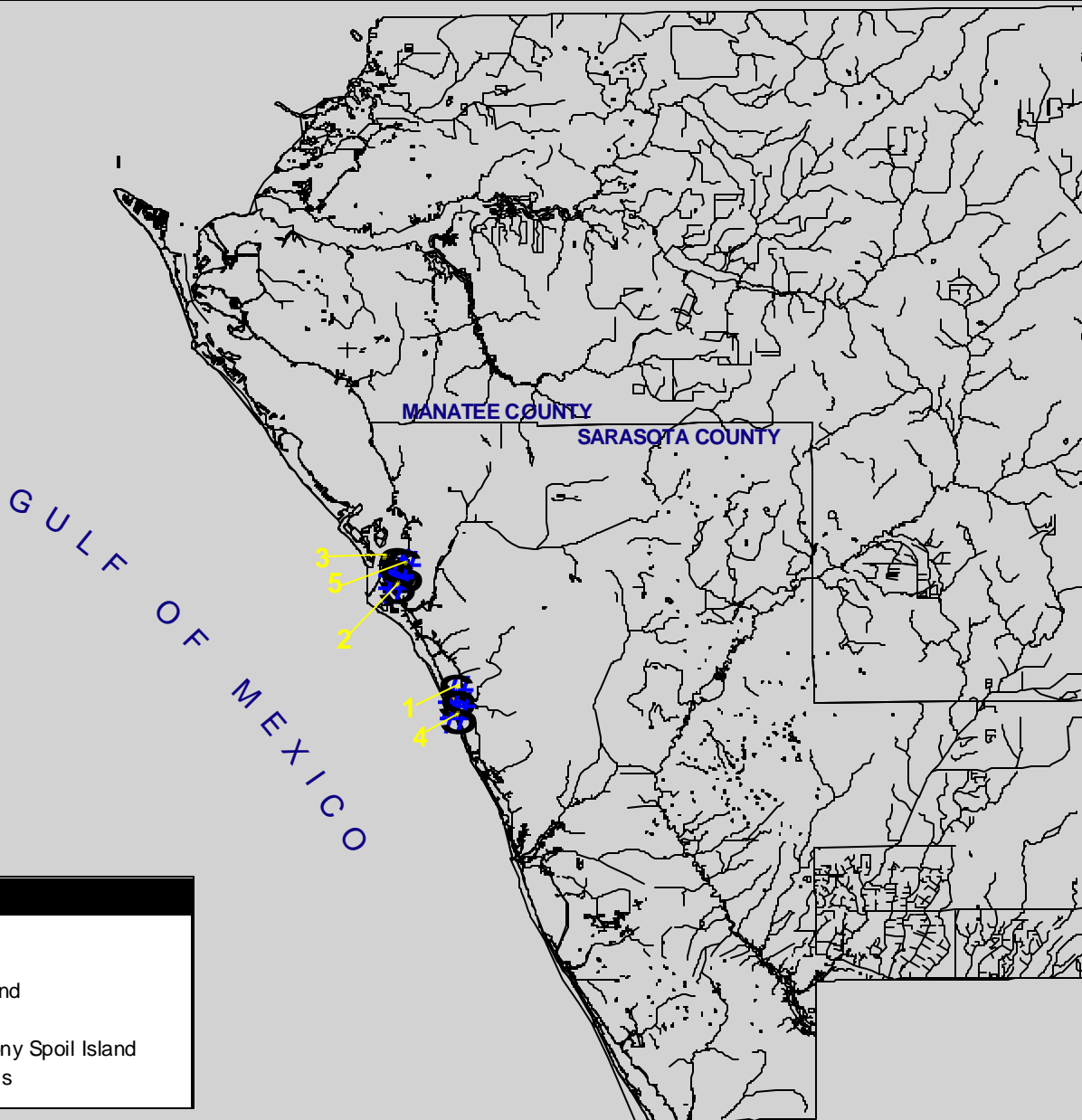
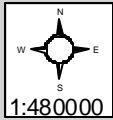
Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BROADWAY (Publicly Owned) PROJECT SITE

**SARASOTA BAY NATIONAL ESTUARY PROGRAM
FIVE-YEAR HABITAT RESTORATION PLAN**

**APPROXIMATE LOCATION OF USACE SPONSORED
HABITAT RESTORATION SITES**

Jim Neville Preserve
Skier's Spoil Island
Big Edwards Spoil Island
Palmer Point
Robert's Bay/Bird Colony Spoil Island



LEGEND

- 1 - Jim Neville Preserve
- 2 - Skier's Spoil Island
- 3 - Big Edwards Spoil Island
- 4 - Palmer Point
- 5 - Robert's Bay/Bird Colony Spoil Island
- Hydrologic Features

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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

APPROXIMATE LOCATIONS OF USACE SPONSORED HABITAT RESTORATION SITES

Jim Neville Preserve

Fiscal Year: Ongoing (USACE)	Rank: 4
Parcel Size (appx. ac): 107.7	County/Municipality: Sarasota
Project Size (appx. ac): 33.9	Landowner: Sarasota County

Location: Siesta Key, FL

**Cooperator Contact/Phone #: Jacqueline Hand, USACE Jacksonville
Office/904.232.3915**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary, Mangrove Swamp, Saltwater Marsh, Tidal Flats	74	79.6

Disturbed:

	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	26	28.0
Wetland -	N/A	0	0

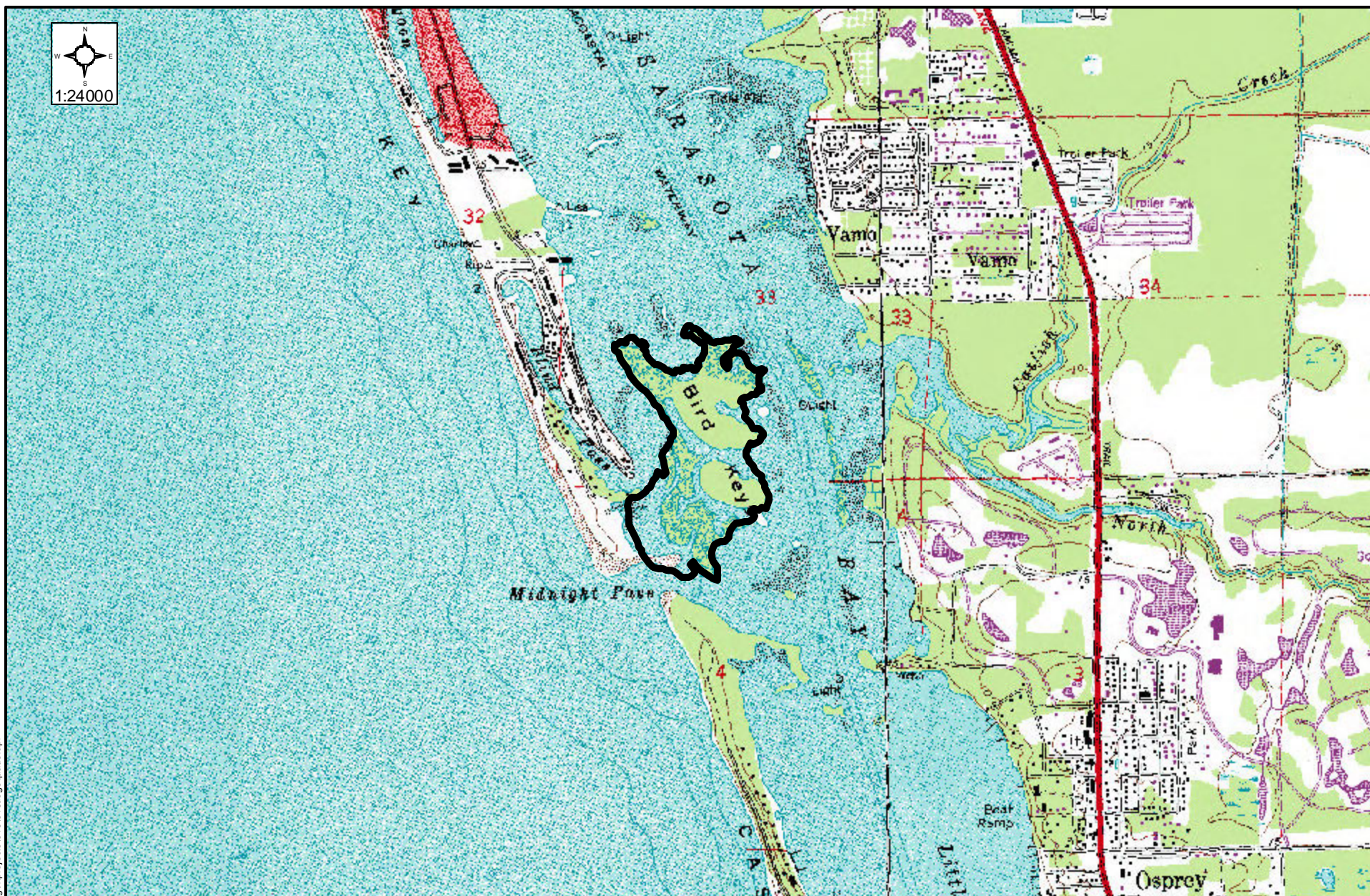
Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$5,101,000**

Summary

This large island complex has productive estuarine fringes with a large upland area that is dominated with exotic vegetation (Australian Pine and Brazilian Peppertree). The disturbed upland core could be restored into a productive estuarine environment, providing a mosaic of habitats from tidal lagoons, seagrass communities, marsh platforms, and mangrove communities. In addition, portions of the upland could be restored into coastal strand communities.

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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

JIM NEVILLE PRESERVE PROJECT LOCATION



LEGEND

 Approximate Project Boundary

 Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

JIM NEVILLE PRESERVE PROJECT SITE

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Skier's Spoil Island

Fiscal Year: Ongoing (USACE)	Rank: 6
Parcel Size (appx. ac): 8.8	County/Municipality: Sarasota
Project Size (appx. ac): 8.8	Landowner: Sarasota County

Location: Robert's Bay, FL

**Cooperator Contact/Phone #: Jacqueline Hand, USACE Jacksonville
Office/904.232.3915**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Mangrove Swamp	36.1	3.2

Disturbed:

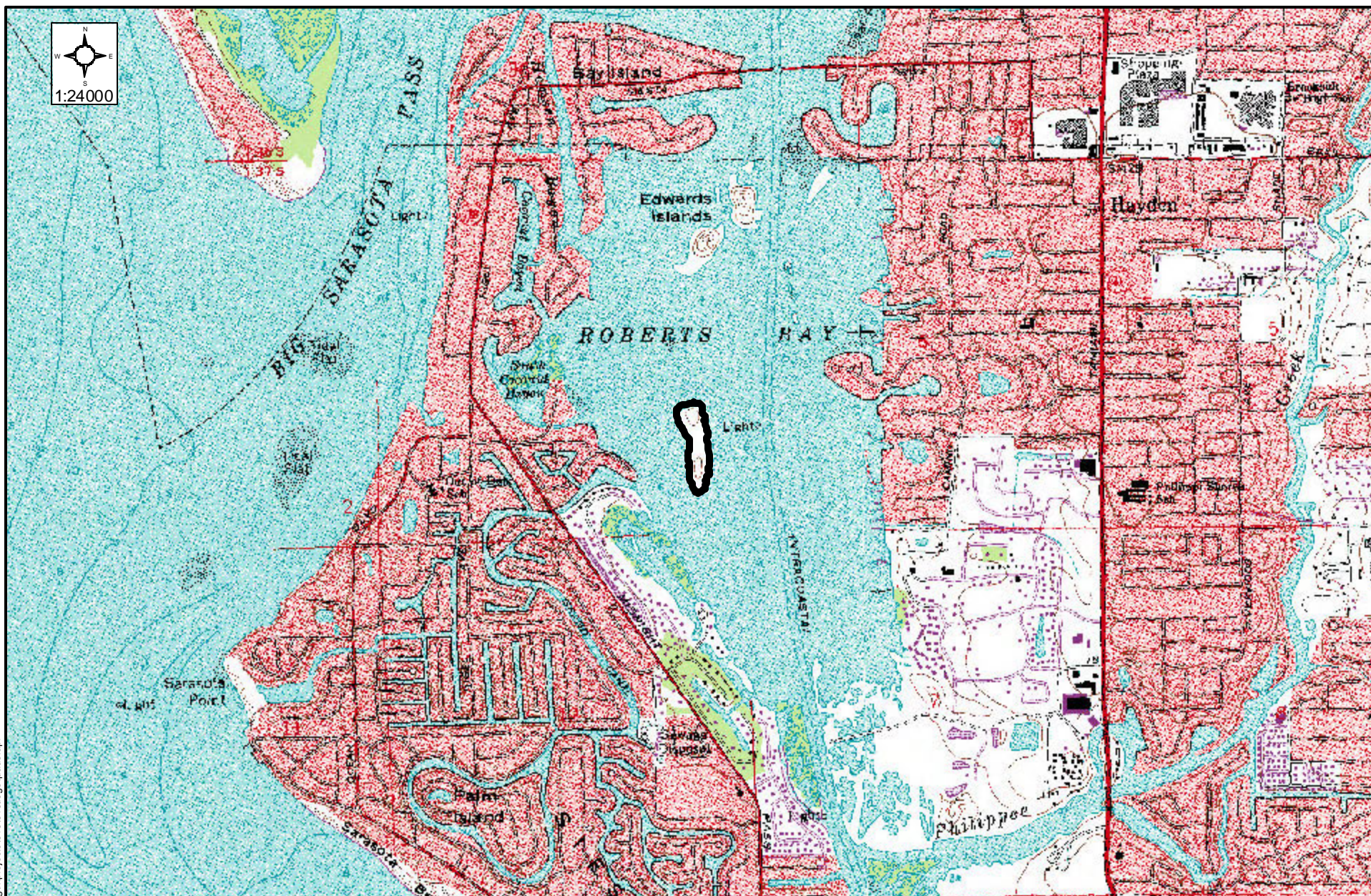
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	63.9	5.6
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$853,000**

Summary

This spoil island complex was created with the deposition of bay bottom associated with the dredging of the ICWW. The upland areas are currently infested with non-native vegetation (Brazilian Peppertree and Australian Pine). Restorative measures include the removal of the exotic vegetation and the restoration of estuarine habitats including tidal streams, seagrass beds, and mangrove forests. In addition, coastal upland communities can be restored within the project boundaries.





Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

SKIER'S SPOIL ISLAND PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

SKIER'S SPOIL ISLAND PROJECT SITE

Big Edwards Spoil Island

Fiscal Year: Ongoing (USACE)	Rank: 6
Project Size (appx. ac): 6.4	County/Municipality: Sarasota
Parcel Size (appx. ac): 6.4	Landowner: Sarasota County

Location: Sarasota Bay, FL

**Cooperator Contact/Phone #: Jacqueline Hand, USACE Jacksonville
Office/904.232.3915**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Tidal Flats Mangroves	38.5	2.5

Disturbed:

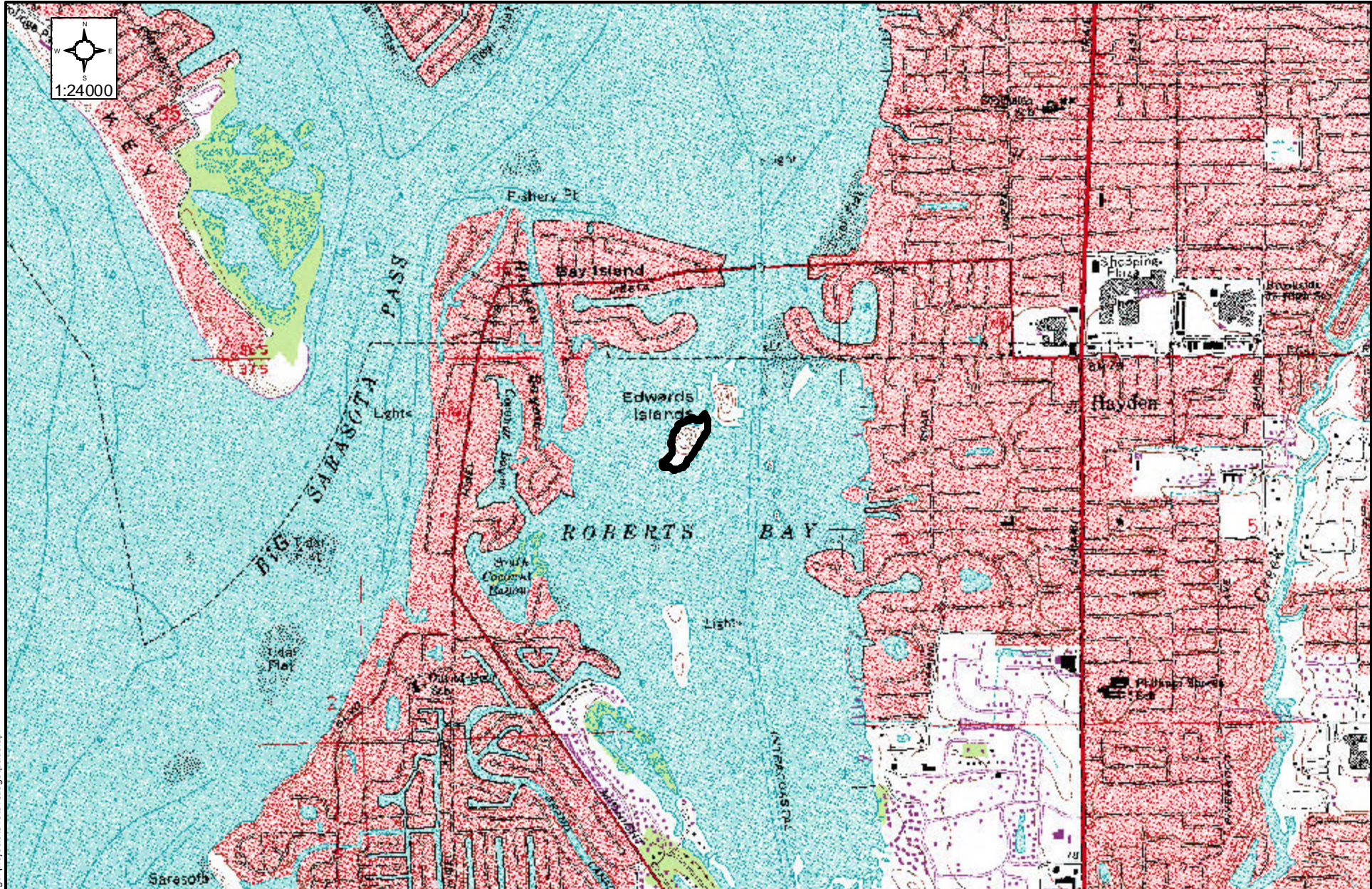
	Description	% Coverage	Approximate Acreage
Upland -	Exotic vegetation	61.5	3.9
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$1,170,000**

Summary

This spoil island complex was created with the deposition of bay bottom associated with the dredging of the ICWW. The upland areas are currently infested with non-native vegetation (Brazilian peppertree and Australian Pine). Restorative measures include the removal of the exotic vegetation and the restoration of estuarine habitats including tidal streams, seagrass beds, and mangrove forests. In addition, coastal upland communities can be restored within the project boundaries.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BIG EDWARDS SPOIL ISLAND PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BIG EDWARDS SPOIL ISLAND PROJECT SITE

Palmer Point

Fiscal Year: Ongoing (USACE)	Rank: 7
Parcel Size (appx. ac): 40.6	County/Municipality: Sarasota
Project Size (appx. ac): 4.0	Landowner: Sarasota County

Location: Casey Key, FL
Cooperator Contact/Phone #: Jacqueline Hand, USACE Jacksonville
Office/904.232.3915

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Pine Flatwoods	55.8	22.6
Wetland -	Estuary, Mangrove Swamp, Saltwater Marsh, Tidal Flats, Beaches	22.6	9.2

Disturbed:

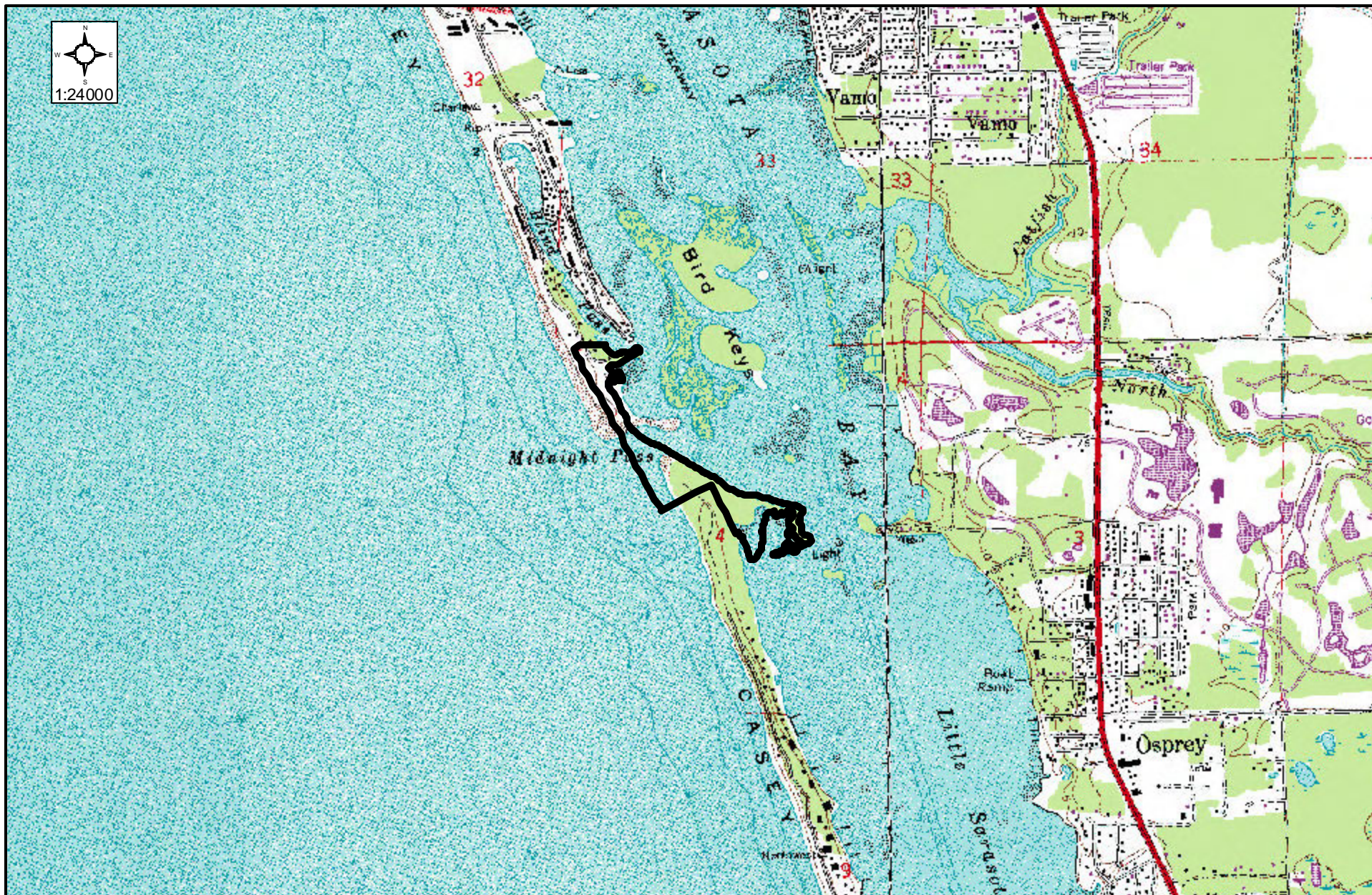
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	21.6	8.8
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$382,000**

Summary

This parcel, located on the northern portion of Casey Key, had exotic vegetation removed by the American Littoral Society. However, there is a large concentration of AP that needs to be removed and replaced with productive native communities; estuarine and coastal stand habitats.





Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PALMER POINT PROJECT LOCATION



LEGEND

 Approximate Project Boundary

 Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PALMER POINT PROJECT SITE

Robert's Bay/Bird Colony Spoil Island

Fiscal Year: Ongoing (USACE)	Rank: 8
Parcel Size (appx. ac): 1.2	County/Municipality: Sarasota
Project Size (appx. ac): 1.2	Landowner: State of Florida

Location: Robert's Bay, FL

**Cooperator Contact/Phone #: Jacqueline Hand, USACE Jacksonville
Office/904.232.3915**

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Mangrove Swamp	100	1.2

Disturbed:

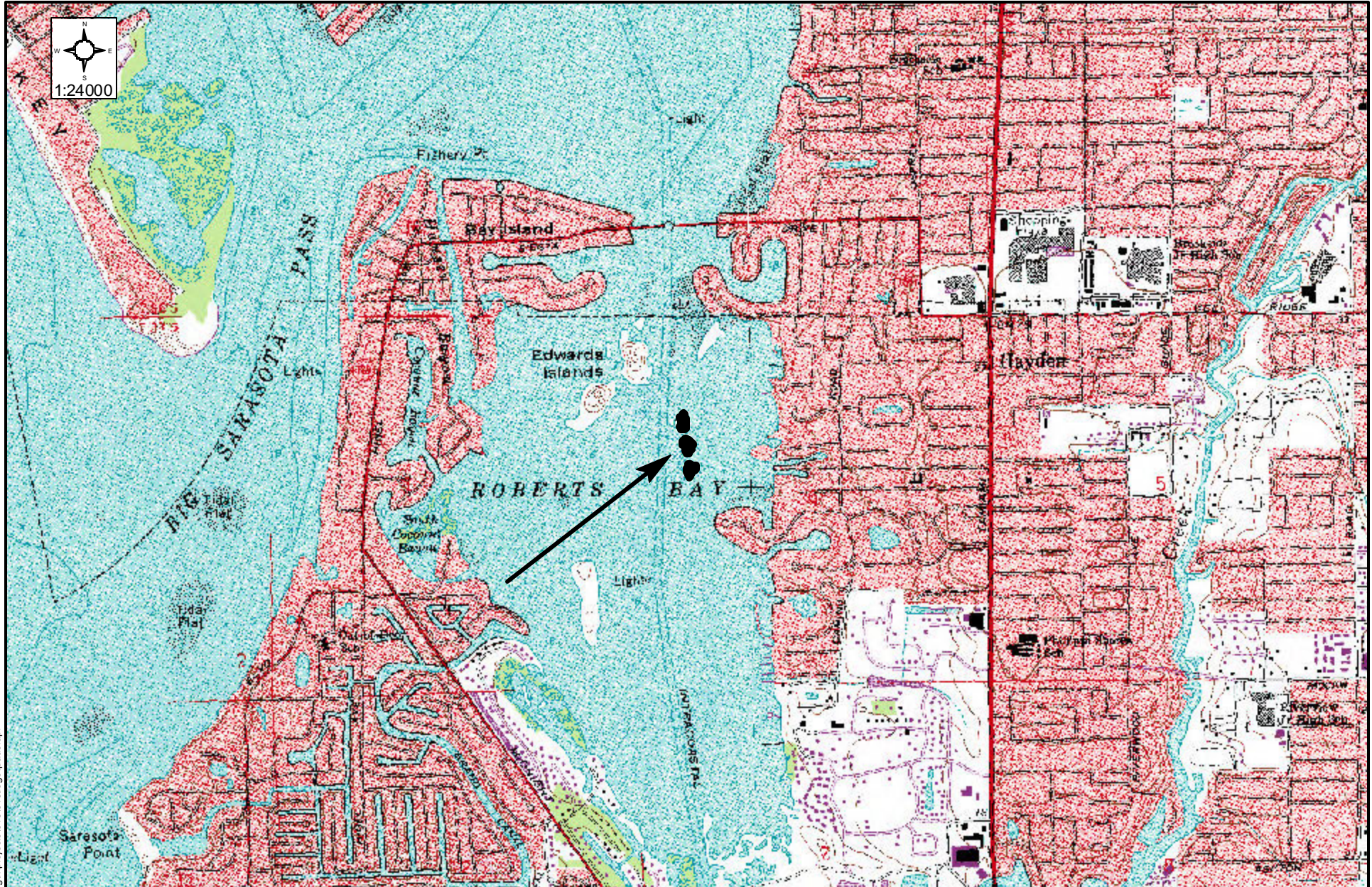
	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties: Construction access**
- **Estimated Cost: \$193,000**

Summary

This small island complex is currently being eroded by boat wakes but still provides an extremely important bird rookery area. Restoration activities include expanding the mangrove areas and protecting the islands with oyster beds and other natural barriers.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

ROBERT'S BAY/BIRD COLONY SPOIL ISLAND PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



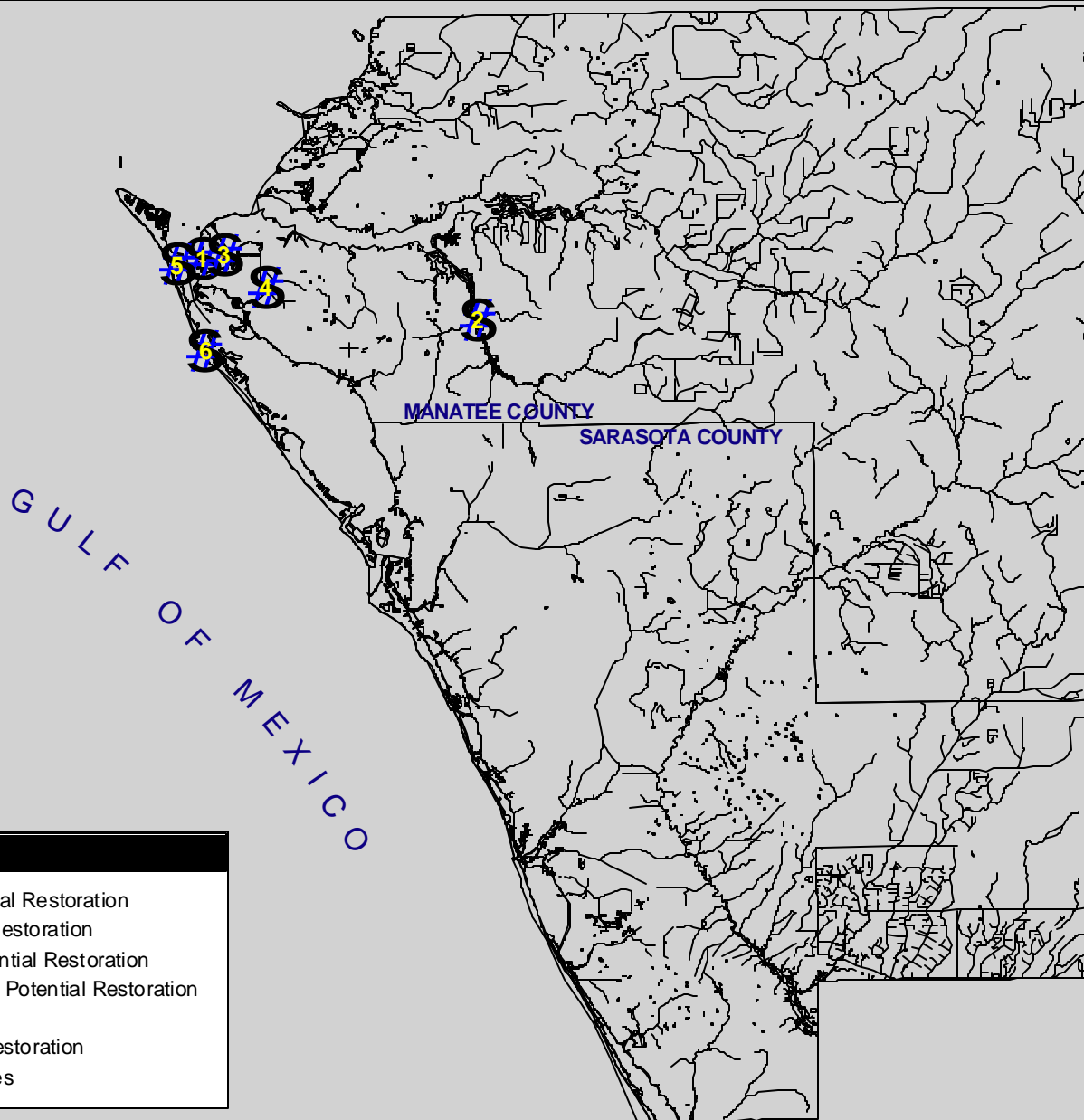
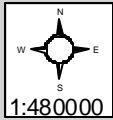
Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

ROBERT'S BAY/BIRD COLONY SPOIL ISLAND PROJECT SITE

**SARASOTA BAY NATIONAL ESTUARY PROGRAM
FIVE-YEAR HABITAT RESTORATION PLAN**

**APPROXIMATE LOCATION OF POTENTIAL
SBNEP RESTORATION SITES
(PRIVATELY OWNED)**

Indian Mounds
Gap Creek
Perico Bay North
Palma Sola Boulevard
City of Holmes Beach
Broadway



LEGEND

- 1 - Indian Mounds Potential Restoration
- 2 - Gap Creek Potential Restoration
- 3 - Perico Bay North Potential Restoration
- 4 - Palma Sola Boulevard Potential Restoration
- 5 - Holmes Beach
- 6 - Broadway Potential Restoration
-  Hydrologic Features



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

APPROXIMATE LOCATIONS OF POTENTIAL SBNEP RESTORATION SITES (Privately Owned)

Indian Mounds Potential Restoration

Fiscal Year: TBD	Rank: 1
Parcel Size (appx. ac): 115.4	County/Municipality: Manatee
Project Size (appx. ac): 21.3	Landowner: Private

Location: Manatee County, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	7.2	8.3
Wetland -	Estuary Mangrove Swamp Tidal Flats	92.8	107.1

Disturbed:

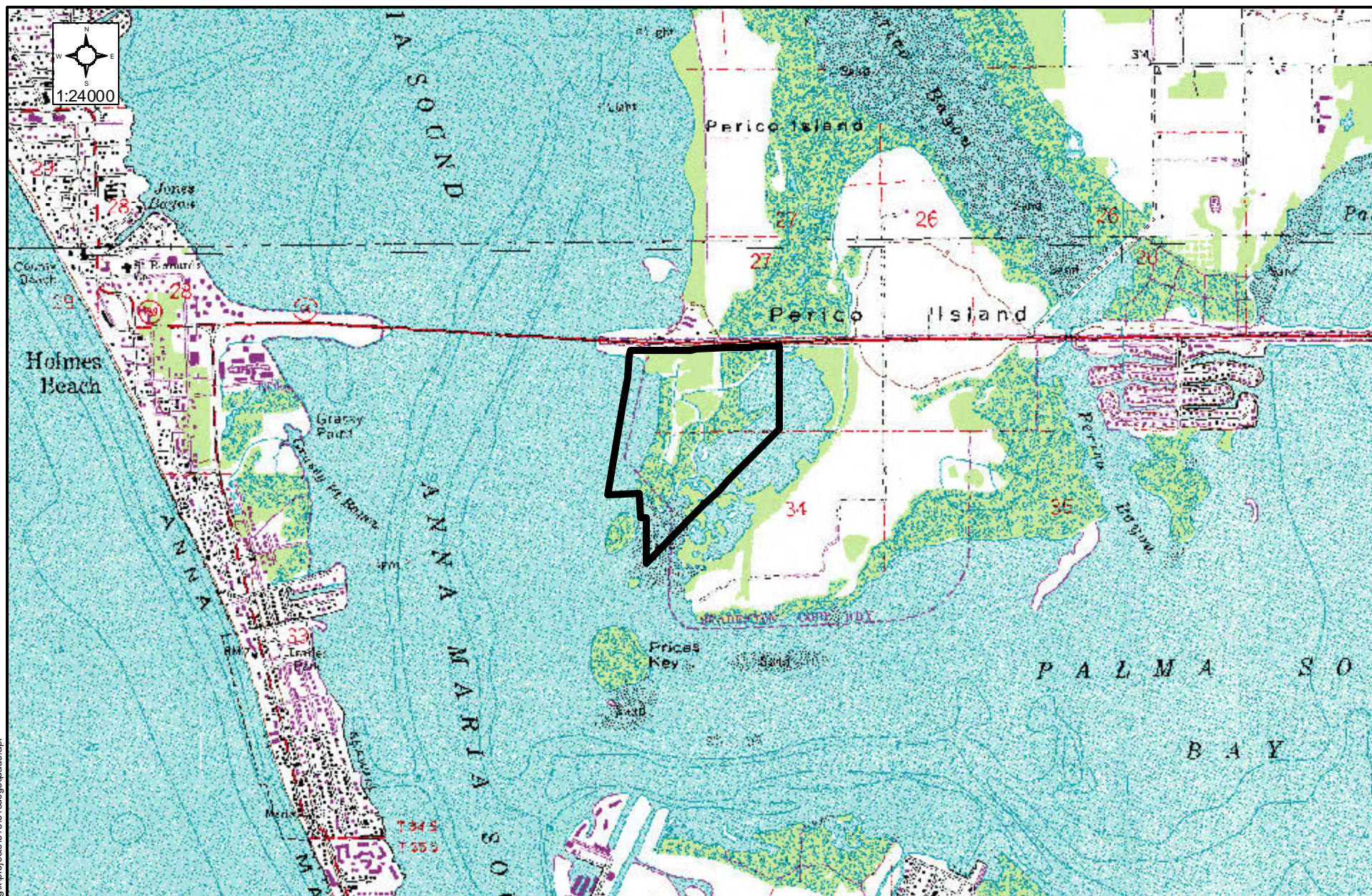
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	7.2	8.3
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$1,063.500**

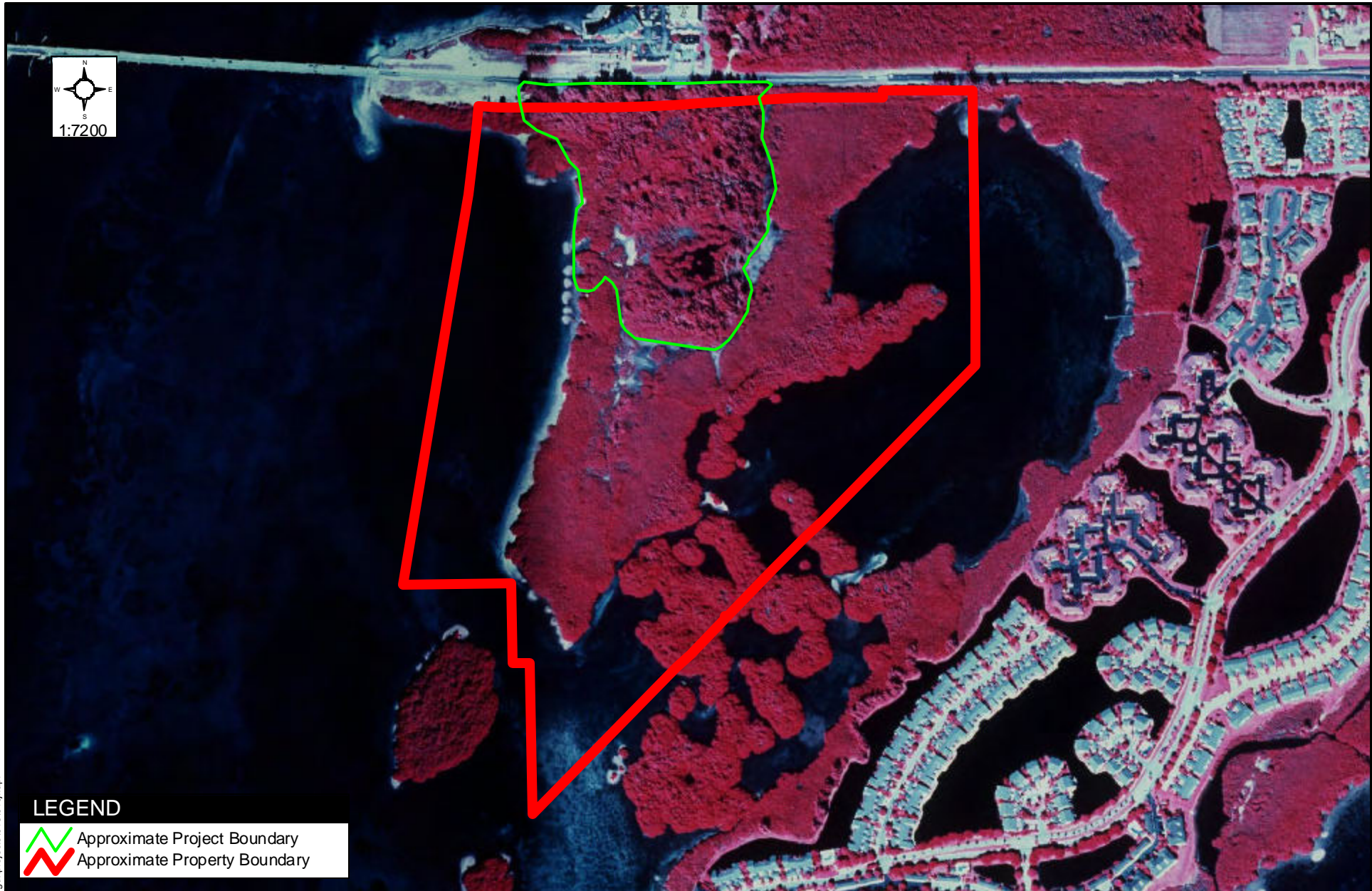
Summary

This peninsular parcel has upland areas that are primarily covered with exotic vegetation (AP and BP). The restoration activities would focus on restoration of upland strand communities and estuarine habitats.





Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

INDIAN MOUNDS POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



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LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

**INDIAN MOUNDS POTENTIAL RESTORATION
(Privately Owned) PROJECT SITE**

Gap Creek Potential Restoration

Fiscal Year: TBD	Rank: 2
Parcel Size (appx. ac): 27.3	County/Municipality: Manatee
Project Size (appx. ac): 27.3	Landowner: Private

Location: Manatee County, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Mangrove Swamp Saltwater Marsh	90	24.6

Disturbed:

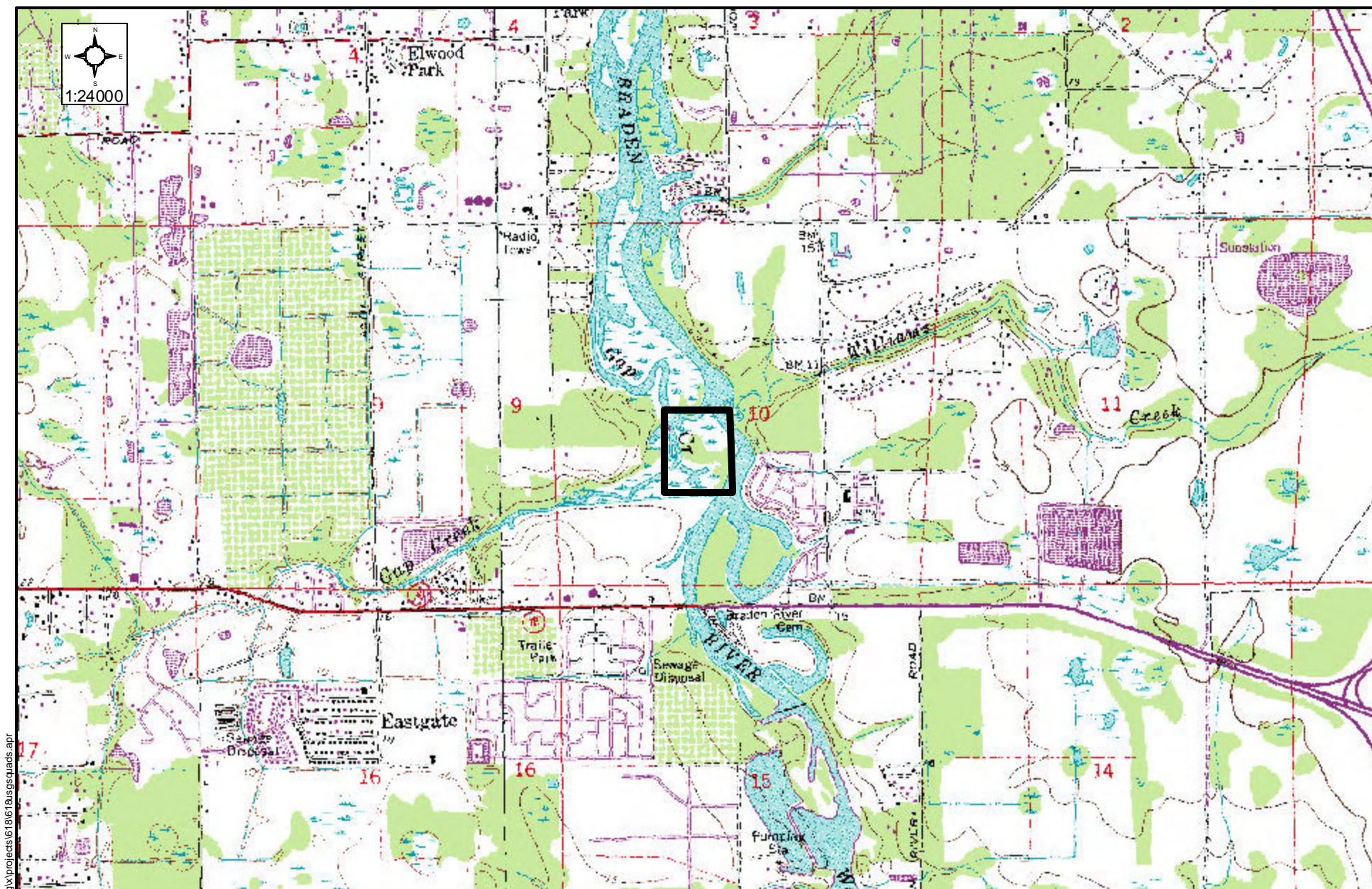
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	10	2.7
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 3**
- **Construction Feasibility: 2**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$1,363,500**

Summary

This island complex is located at the confluence of Gap Creek and the Braden River. The existing upland communities have exotic vegetation that could be removed and replaced with native marsh communities.

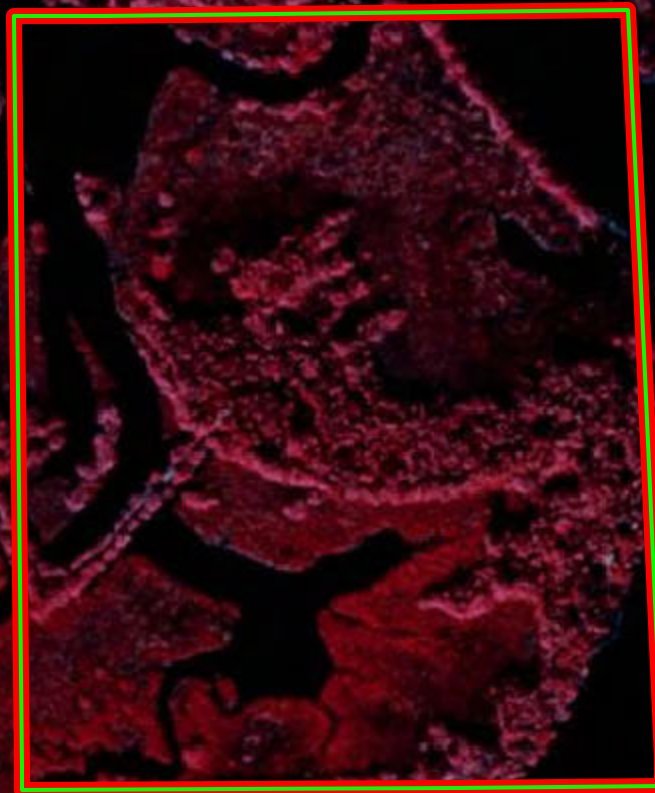


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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

GAP CREEK POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



LEGEND

-  Approximate Project Boundary
-  Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

GAP CREEK POTENTIAL RESTORATION (Privately Owned) PROJECT SITE

Perico Bay North Potential Restoration

Fiscal Year: TBD	Rank: 2
Parcel Size (appx. ac): 22.5	County/Municipality: Manatee
Project Size (appx. ac): 3.4	Landowner: Private

Location: Perico Island, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Mangrove Swamp Tidal Flat	19.7	4.4

Disturbed:

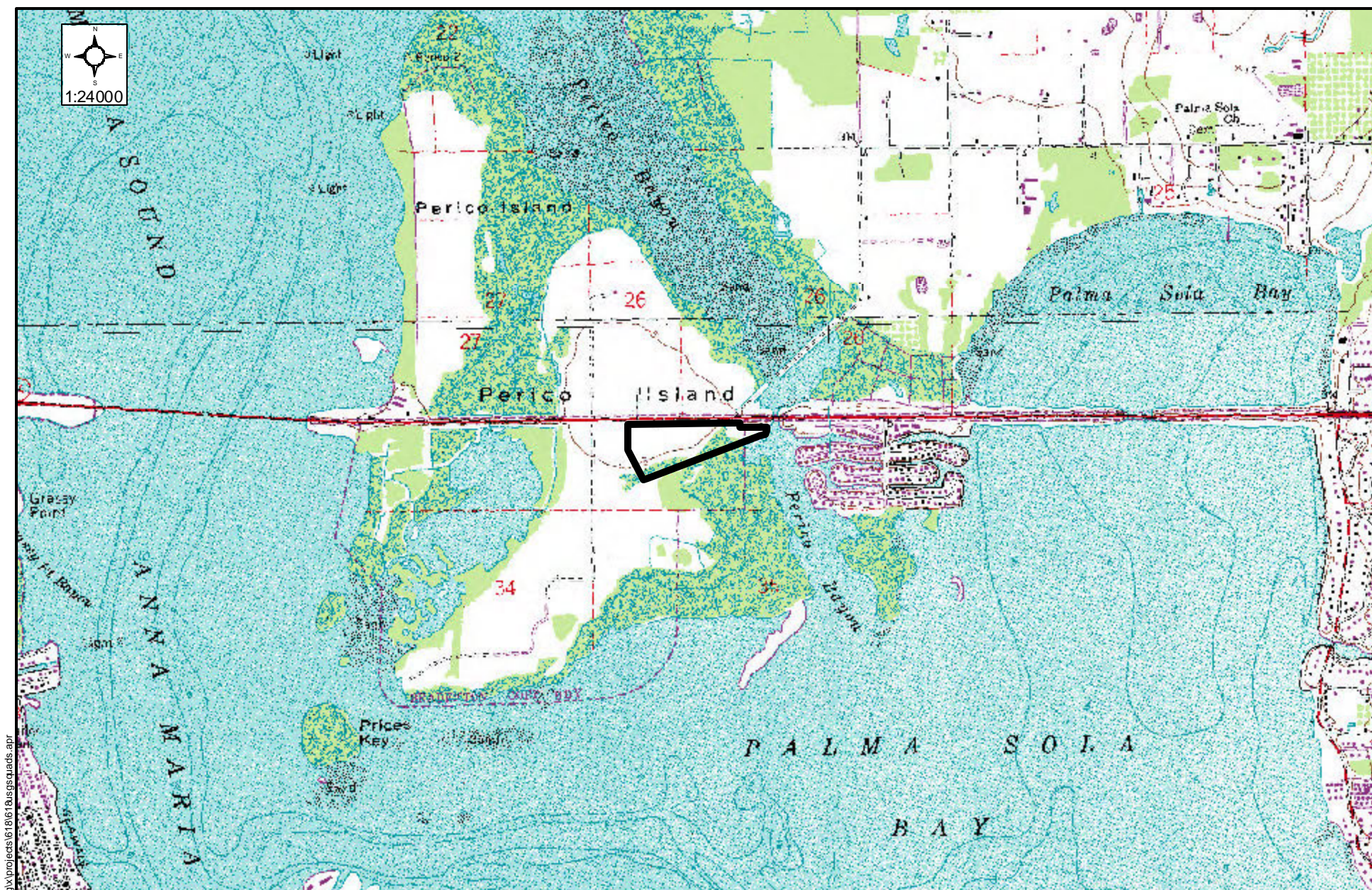
	Description	% Coverage	Approximate Acreage
Upland -	Residential Open Land	70.7	15.9
Wetland -	Reservoir	9.6	2.2

Restoration Potential

- **Proximity to Natural Habitat: 3**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 1**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$117,600**

Summary

This privately held parcel has been developed, but still has some potential opportunities, especially habitat restoration estuarine communities. In addition, stormwater retrofit opportunities could be explored to improve runoff to Palma Sola Bay.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PERICO BAY NORTH POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PERICO BAY NORTH POTENTIAL RESTORATION (Privately Owned) PROJECT SITE

Palma Sola Boulevard Potential Restoration

Fiscal Year: TBD	Rank: 3
Parcel Size (appx. ac): 9.5	County/Municipality: Manatee
Project Size (appx. ac): 9.5	Landowner: Private

Location: Bradenton, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Estuary Mangrove Forest	91.1	9.0

Disturbed:

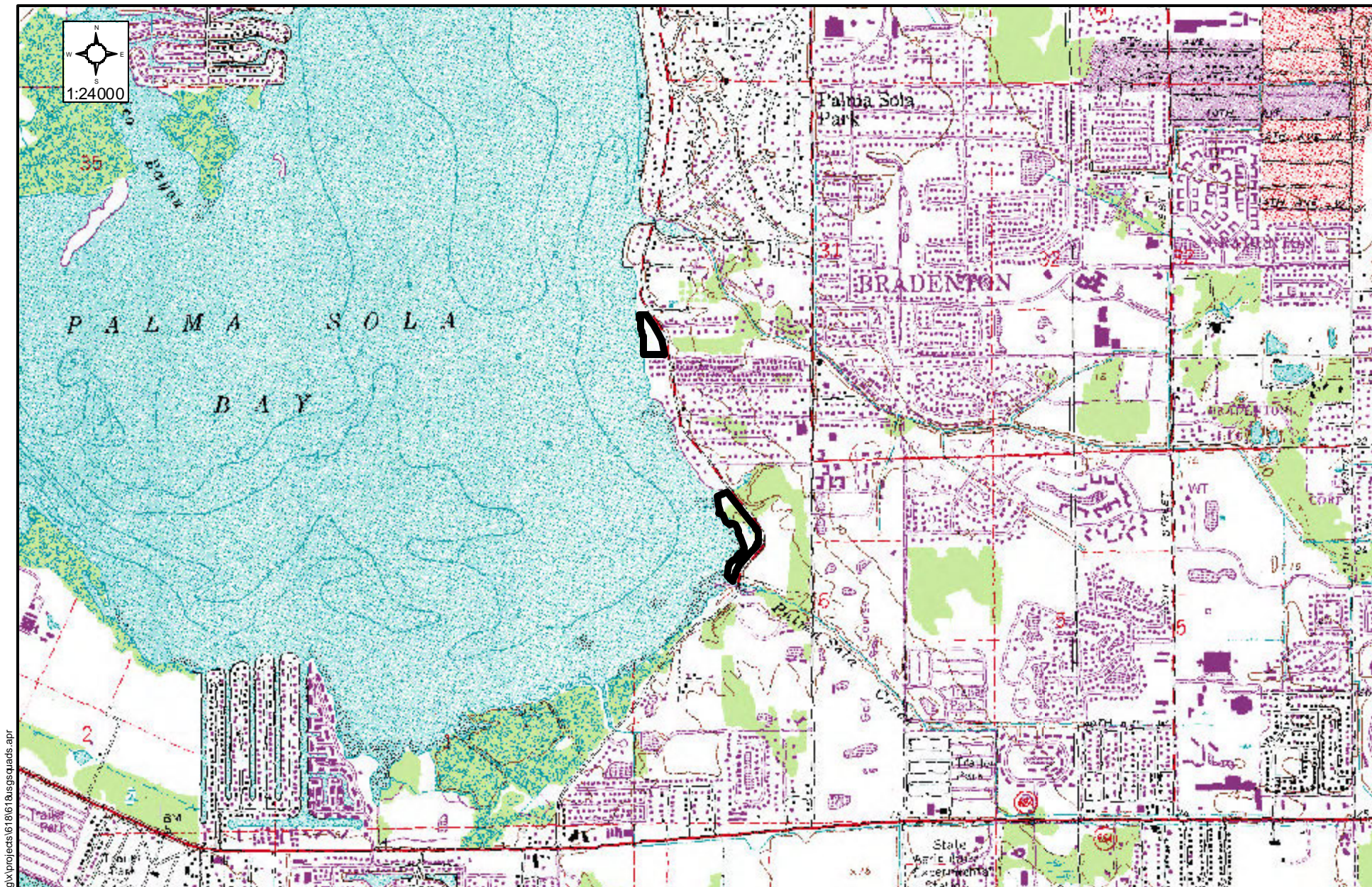
	Description	% Coverage	Approximate Acreage
Upland -	Residential/Open Land	8.9	0.9
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 2**
- **Potential Fisheries Habitat: 2**
- **Construction Feasibility: 2**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$394,000**

Summary

This coastal parcel has restoration potentials associated with the removal of exotic vegetation and the restoration of both upland and wetland communities.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PALMA SOLA BOULEVARD POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

PALMA SOLA BOULEVARD POTENTIAL RESTORATION (Privately Owned) PROJECT SITE

Holmes Beach Potential Restoration

Fiscal Year: TBD	Rank: 4
Parcel Size (appx. ac): 42.0	County/Municipality: Manatee/City of Holmes Beach
Project Size (appx. ac): 3.3	Landowner: Private

Location: Anna Maria Island, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	7	2.9
Wetland -	Estuary Mangrove Swamp	83.1	34.9

Disturbed:

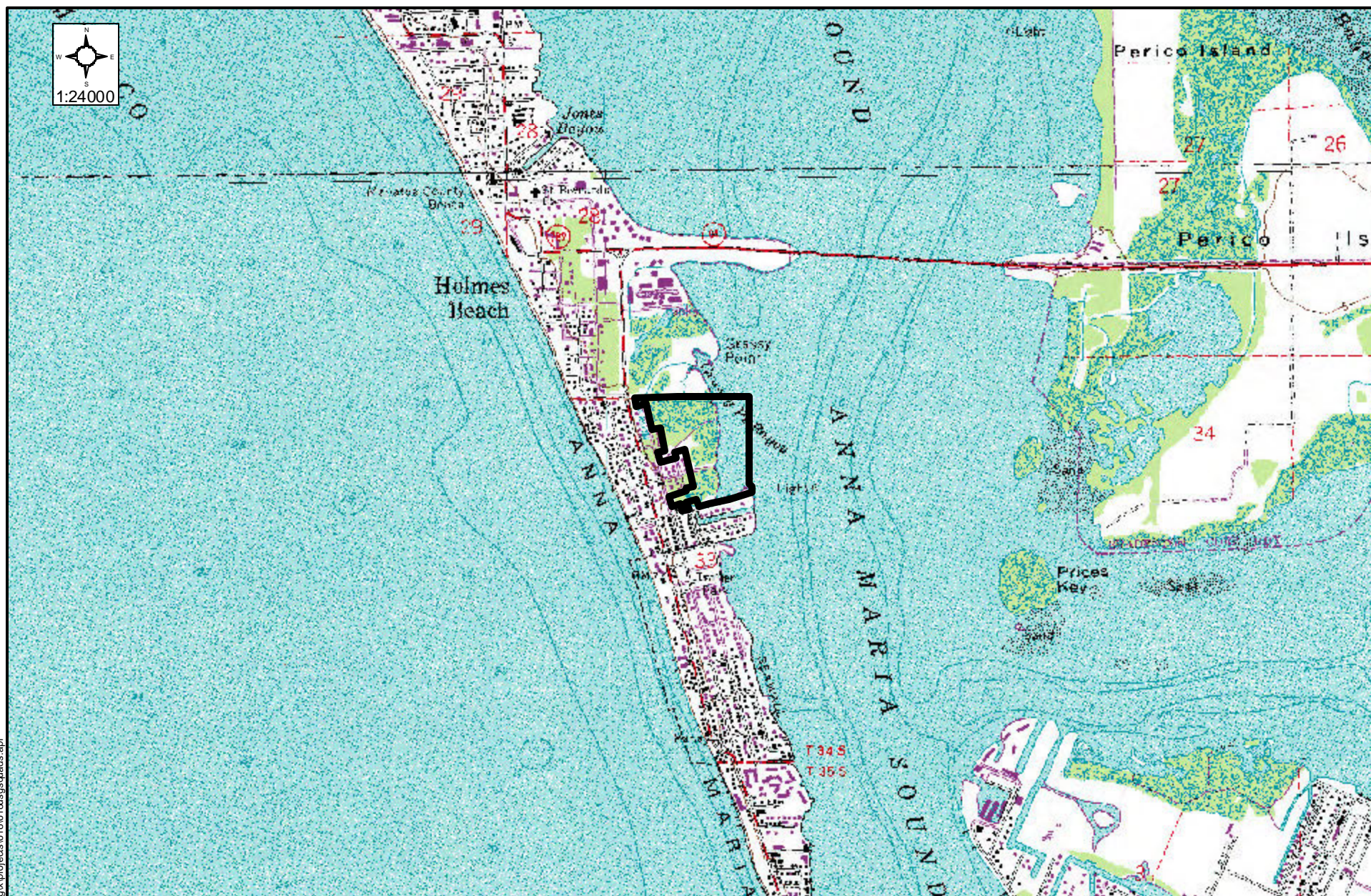
	Description	% Coverage	Approximate Acreage
Upland -	Residential, Exotic Vegetation	10.4	7.7
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 2**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$132,000**

Summary

This parcel has a fringing upland community that is primarily covered with exotic vegetation (AP and BP). This area could be restored to provide both upland and estuarine wetland habitat types, inclusive of saltern habitat.



HOLMES BEACH POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

HOLMES BEACH POTENTIAL RESTORATION (Privately Owned) PROJECT SITE

Broadway Potential Restoration

Fiscal Year: TBD	Rank: 5
Parcel Size (appx. ac): 1.6	County/Municipality: Town of Long Boat Key
Project Size (appx. ac): 1.6	Landowner: Private

Location: Long Boat Key, FL
Cooperator Contact/Phone #: Private

Site Description

Natural:

	Description	% Coverage	Approximate Acreage
Upland -	N/A	0	0
Wetland -	Mangrove Swamp	38	0.6

Disturbed:

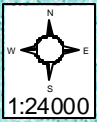
	Description	% Coverage	Approximate Acreage
Upland -	Exotic Vegetation	62	1.0
Wetland -	N/A	0	0

Restoration Potential

- **Proximity to Natural Habitat: 1**
- **Potential Fisheries Habitat: 1**
- **Construction Feasibility: 2**
- **Potential Difficulties: Privately held**
- **Estimated Cost: \$79,000**

Summary

This narrow strip of tidal channel is currently lined with exotic vegetation and mangrove trees. Removal of exotics and replacement of native marsh vegetation would facilitate the restoration of estuarine habitat values for this urban setting.



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Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

BROADWAY POTENTIAL RESTORATION (Privately Owned) PROJECT LOCATION



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LEGEND	
	Approximate Project Boundary
	Approximate Property Boundary



Sarasota Bay NEP
Five-Year Habitat
Restoration Plan

**BROADWAY POTENTIAL RESTORATION
(Privately Owned) PROJECT SITE**