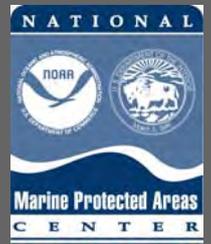


# Improving the MPA Inventory

## Fact Checking for New Natural and Cultural Resource Information for the Marine Protected Areas Inventory



### QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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**Review Agency** Pennsylvania Department of Conservation and Natural Resource

**Site ID** PAI

**Site Name** Presque Isle State Park

**Site URL** <http://www.dcnr.state.pa.us/stateparks/findapark/presqueisle/index.htm>

**Program Authority** Pennsylvania Act 18

#### Additional legal authority

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Section 303. Parks.

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PAI	Birds (Estuarine/Coastal)
PAI	Birds (Other)
PAI	Birds (Seabird)
PAI	Birds (Waterfowl)
PAI	Fish (Freshwater Demersal)
PAI	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PAI	CMECS (Fresh Water Influenced)
PAI	Sand Dunes
PAI	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PAI	Bird migratory area

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

## Present Management Activity Resource Groups

Site_ID	Attribute
---------	-----------

- PAI Volunteer Program
- PAI Science Center or Museum

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

**Review Agency** Pennsylvania Department of Conservation and Natural Resource

**Site ID** PAI I

**Site Name** Presque Isle Bay

**Site URL** <http://www.dcnr.state.pa.us/stateparks/findapark/presqueisle/index.htm>

**Program Authority** Pennsylvania Act 18

### Additional legal authority

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Section 303. Parks.

### Notes

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA I I	Birds (Estuarine/Coastal)
PA I I	Birds (Other)
PA I I	Birds (Seabird)
PA I I	Birds (Waterfowl)
PA I I	Fish (Freshwater Demersal)
PA I I	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA11	CMECS (Fresh Water Influenced)
PA11	Sand Dunes
PA11	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA11	Bird migratory area

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

Floating/ Docked Historic Vessel  
Archaeological Site (shipwreck)  
Site of Cultural Significance  
Tribal use of Accustomed Areas  
Historical Structures  
Archaeological Site (aircraft)  
Archaeological Site (prehistoric)  
Traditional cultural property  
Site of traditional activities

## Present Management Activity Resource Groups

Site_ID	Attribute
---------	-----------

PA11	Volunteer Program
PA11	Science Center or Museum

## Potential Management Activity Resource Groups

Tours and Docents  
Interpretive signage  
Science Center or Museum  
Volunteer Program  
Biological Monitoring Program  
Physical Monitoring Program

**Review Agency** Pennsylvania Department of Conservation and Natural Resource

**Site ID** PA12

**Site Name** Neshaminy State Park - Tidal Marsh Natural Area

**Site URL** <http://www.dcnr.state.pa.us/stateparks/findapark/neshaminy/index.htm>

**Program Authority** Pennsylvania Act 18

### Additional legal authority

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Section 303. Parks.

### Notes

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA12	Birds (Other)
PA12	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA12	Wetlands/MudFlats
PA12	CMECS (Fresh Water Influenced)

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA12	Bird nesting habitat

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

## Present Management Activity Resource Groups

Site_ID	Attribute
---------	-----------

PA12 Volunteer Program

PA12 Interpretive signage

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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**Review Agency** Pennsylvania Department of Conservation and Natural Resource

**Site ID** PA13

**Site Name** Little Tinicum Island Natural Area

**Site URL** <http://www.gpo.gov/fdsys/pkg/CZIC-qh76-5-p4-I5-1985/pdf/CZIC-qh76-5-p4-I5-1985.pdf>

**Program Authority** Pennsylvania Act 18

### Additional legal authority

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Section 303. Parks.

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA13	Birds (Seabird)
PA13	Birds (Estuarine/Coastal)
PA13	Birds (Other)
PA13	Birds (Waterfowl)
PA13	Fish (Freshwater Pelagic)
PA13	Fish (Freshwater Demersal)
PA13	Fish (Anadromous)

## Potential Species Resource Groups

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA13	Wetlands/MudFlats
PA13	Rivers/Streams
PA13	Beach
PA13	CMECS (Fresh Water Influenced)

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA13	Bird nesting habitat
PA13	Endangered Species (ESA listed)
PA13	Nursery grounds

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

Present Cultural Resource Groups

No data found

Potential Cultural Resources Groups

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

Present Managment Activity Resource Groups

Site_ID	Attribute
---------	-----------

PA13 Volunteer Program

Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

**Review Agency** Pennsylvania Department of Environmental Protection

**Site ID** PA10

**Site Name** SAMP for Lake Erie bluffs and shoreline

**Site URL** [http://www.dcnr.state.pa.us/ucmprd1/groups/public/documents/document/dcnr\\_004875.pdf](http://www.dcnr.state.pa.us/ucmprd1/groups/public/documents/document/dcnr_004875.pdf)

**Program Authority** Pennsylvania Act 18

**Additional legal authority**

**Designation** State

**ManagmentType** State Park

**AllowedUses** Habitat disturbance/removal

**Authority Provided** Program

**Legal Code Reference** Section 303. Parks.

**Notes**

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA10	Fish (Anadromous)
PA10	Fish (Freshwater Demersal)
PA10	Fish (Freshwater Pelagic)
PA10	Birds (Seabird)
PA10	Birds (Other)
PA10	Birds (Waterfowl)
PA10	Birds (Estuarine/Coastal)

## Potential Species Resource Groups

Fish (Groundfish West Coast)  
Fish (Coastal Pelagic)  
Fish (Highly Migratory Marine Species)  
Birds (Seabird)  
Marine Mammals (Cetaceans)  
Marine Mammals (Pinnipeds)  
Marine Mammals (Fissipeds)  
Benthic Invertebrates (mobile and sessile)  
Benthic Algae  
Rocky Intertidal Invertebrates (Mobile/Sessile)  
Rocky Intertidal (Algae)  
Fish (Estuarine/Coastal Marine)  
Birds (Estuarine/Coastal)  
Fish (Anadromous)  
Sea Turtle  
Fish (Reef fish, tropical)  
Hydrothermal Vent Species  
Marine Mammals (Sirenia)  
Birds (Waterfowl)  
Birds (Other)  
Deepwater Species  
Fish (Demersal East Coast)  
Fish (Freshwater Demersal)  
Fish (Freshwater Pelagic)  
Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA10	CMECS (Fresh Water Influenced)
PA10	Beach
PA10	Wetlands/MudFlats

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA10	Bird nesting habitat
PA10	Endangered Species (ESA listed)

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

Site_ID	Attribute
---------	-----------

PA10 Archaeological Site (prehistoric)

## Present Management Activity Resource Groups

Site_ID	Attribute
---------	-----------

PA10 Science Center or Museum

PA10 Interpretive signage

PA10 Biological Monitoring Program

## Potential Cultural Resources Groups

- Floating/ Docked Historic Vessel
- Archaeological Site (shipwreck)
- Site of Cultural Significance
- Tribal use of Accustomed Areas
- Historical Structures
- Archaeological Site (aircraft)
- Archaeological Site (prehistoric)
- Traditional cultural property
- Site of traditional activities

## Potential Management Activity Resource Groups

- Tours and Docents
- Interpretive signage
- Science Center or Museum
- Volunteer Program
- Biological Monitoring Program
- Physical Monitoring Program

**Review Agency** Pennsylvania Fish and Boat Commission

**Site ID** PA4

**Site Name** Trout Run Nursery Waters

**Site URL** [http://fishandboat.com/water/lakes/erie/tribs/00godfrey\\_trout.htm](http://fishandboat.com/water/lakes/erie/tribs/00godfrey_trout.htm)

**Program Authority** Penn Fish and Boat Commission

**Additional legal authority**

**Designation** State

**ManagmentType** Marine Reserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Chapter 69, Subchapter B. SPORT FISHING AND ANGLING This subchapter cited in 58 Pa. Code § 69.1 (relating to statutory authority).

**Notes** No fishing

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA4	Fish (Freshwater Pelagic)
PA4	Fish (Anadromous)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA4	CMECS (Fresh Water Influenced)
PA4	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA4	Fish spawning area
PA4	Nursery grounds

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Cultural Resource Groups

No data found

## Potential Cultural Resources Groups

Floating/ Docked Historic Vessel  
Archaeological Site (shipwreck)  
Site of Cultural Significance  
Tribal use of Accustomed Areas  
Historical Structures  
Archaeological Site (aircraft)  
Archaeological Site (prehistoric)  
Traditional cultural property  
Site of traditional activities

## Present Management Activity Resource Groups

No data found

## Potential Management Activity Resource Groups

Tours and Docents  
Interpretive signage  
Science Center or Museum  
Volunteer Program  
Biological Monitoring Program  
Physical Monitoring Program

**Review Agency** Pennsylvania Fish and Boat Commission

**Site ID** PA5

**Site Name** Godfrey Run Nursery Waters

**Site URL** [http://fishandboat.com/water/lakes/erie/tribs/00godfrey\\_trout.htm](http://fishandboat.com/water/lakes/erie/tribs/00godfrey_trout.htm)

**Program Authority** Penn Fish and Boat Commission

### Additional legal authority

**Designation** State

**ManagmentType** Marine Reserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Chapter 69, Subchapter B. SPORT FISHING AND ANGLING This subchapter cited in 58 Pa. Code § 69.1 (relating to statutory authority).

**Notes** No fishing

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA5	Fish (Anadromous)
PA5	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA5	CMECS (Fresh Water Influenced)
PA5	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA5	Fish spawning area
PA5	Nursery grounds

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

Floating/ Docked Historic Vessel  
Archaeological Site (shipwreck)  
Site of Cultural Significance  
Tribal use of Accustomed Areas  
Historical Structures  
Archaeological Site (aircraft)  
Archaeological Site (prehistoric)  
Traditional cultural property  
Site of traditional activities

### Present Management Activity Resource Groups

No data found

### Potential Management Activity Resource Groups

Tours and Docents  
Interpretive signage  
Science Center or Museum  
Volunteer Program  
Biological Monitoring Program  
Physical Monitoring Program

**Review Agency** Pennsylvania Fish and Boat Commission

**Site ID** PA6

**Site Name** Orchard Beach Run Nursery Waters

**Site URL** [http://fishandboat.com/water/lakes/erie/tribs/00godfrey\\_trout.htm](http://fishandboat.com/water/lakes/erie/tribs/00godfrey_trout.htm)

**Program Authority** Penn Fish and Boat Commission

#### Additional legal authority

**Designation** State

**ManagementType** Marine Reserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Chapter 69, Subchapter B. SPORT FISHING AND ANGLING This subchapter cited in 58 Pa. Code § 69.1 (relating to statutory authority).

**Notes** No fishing

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA6	Fish (Anadromous)
PA6	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA6	CMECS (Fresh Water Influenced)
PA6	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
- Sea Grass
- Kelp Forest
- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA6	Fish spawning area
PA6	Nursery grounds

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

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### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

Floating/ Docked Historic Vessel  
Archaeological Site (shipwreck)  
Site of Cultural Significance  
Tribal use of Accustomed Areas  
Historical Structures  
Archaeological Site (aircraft)  
Archaeological Site (prehistoric)  
Traditional cultural property  
Site of traditional activities

### Present Management Activity Resource Groups

No data found

### Potential Management Activity Resource Groups

Tours and Docents  
Interpretive signage  
Science Center or Museum  
Volunteer Program  
Biological Monitoring Program  
Physical Monitoring Program

**Review Agency** Pennsylvania Fish and Boat Commission

**Site ID** PA7

**Site Name** Crooked Creek Nursery Waters

**Site URL** [http://fishandboat.com/water/lakes/erie/tribs/00godfrey\\_trout.htm](http://fishandboat.com/water/lakes/erie/tribs/00godfrey_trout.htm)

**Program Authority** Penn Fish and Boat Commission

#### Additional legal authority

**Designation** State

**ManagementType** Marine Reserve

**AllowedUses** Species extraction/disturbance

**Authority Provided** Program

**Legal Code Reference** Chapter 69, Subchapter B. SPORT FISHING AND ANGLING This subchapter cited in 58 Pa. Code § 69.1 (relating to statutory authority).

**Notes** No fishing

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Species Resource Groups Present

Site_ID	Attribute
PA7	Fish (Anadromous)
PA7	Fish (Freshwater Pelagic)

## Potential Species Resource Groups

- Fish (Groundfish West Coast)
- Fish (Coastal Pelagic)
- Fish (Highly Migratory Marine Species)
- Birds (Seabird)
- Marine Mammals (Cetaceans)
- Marine Mammals (Pinnipeds)
- Marine Mammals (Fissipeds)
- Benthic Invertebrates (mobile and sessile)
- Benthic Algae
- Rocky Intertidal Invertebrates (Mobile/Sessile)
- Rocky Intertidal (Algae)
- Fish (Estuarine/Coastal Marine)
- Birds (Estuarine/Coastal)
- Fish (Anadromous)
- Sea Turtle
- Fish (Reef fish, tropical)
- Hydrothermal Vent Species
- Marine Mammals (Sirenia)
- Birds (Waterfowl)
- Birds (Other)
- Deepwater Species
- Fish (Demersal East Coast)
- Fish (Freshwater Demersal)
- Fish (Freshwater Pelagic)
- Coastal Marine Reptile

# QAQC Report

These report data are accurate from:

Friday, January 25, 2013

## Present Physical Resource Groups

Site_ID	Attribute
PA7	CMECS (Fresh Water Influenced)
PA7	Beach

## Potential Resource Groups

- Beach
- Barrier Islands
- Islands
- Rocky Reefs
- Sand Dunes
- Seamounts/Pinnacles
- Submarine Canyons
- Wetlands/MudFlats
- Rivers/Streams
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- CoralReef
- Rock Intertidal
- Hydrothermal Vents/ Cold Seeps
- Upwelling Zones
- Transition Zones
- Oceanographic Fronts
- Oceanographic Gyres

## Biological Use Resource Groups

Site_ID	Attribute
PA7	Fish spawning area
PA7	Nursery grounds

## Potential Biological Uses Resource Groups

- Coral Reef (Tropical)
- Coral Reef (Temperate)
- Sea grass habitat
- Kelp and Algae
- Oyster/Shellfish beds
- Marine mammal haulout
- Bird nesting habitat
- Bird migratory area
- Essential fish habitat (EFH) conservation area
- Fish spawning area
- Nursery grounds
- Marine Mammal Breeding area
- Endangered Species (ESA listed)
- Turtle nesting area

## QAQC Report

These report data are accurate from:

Friday, January 25, 2013

Page 31 of 31

### Present Cultural Resource Groups

No data found

### Potential Cultural Resources Groups

Floating/ Docked Historic Vessel  
Archaeological Site (shipwreck)  
Site of Cultural Significance  
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Historical Structures  
Archaeological Site (aircraft)  
Archaeological Site (prehistoric)  
Traditional cultural property  
Site of traditional activities

### Present Management Activity Resource Groups

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### Potential Management Activity Resource Groups

Tours and Docents  
Interpretive signage  
Science Center or Museum  
Volunteer Program  
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Physical Monitoring Program