

## **PSEGESPEnvDocsPEm Resource**

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**From:** Fetter, Allen  
**Sent:** Tuesday, June 03, 2014 10:52 AM  
**To:** PSEGESPEnvDocsPEm Resource  
**Subject:** FW: Natural Heritage Data requests - Sites 4-1, 7-1 & 7-2 - Intake Locations Only  
**Attachments:** 13-4007551-4265.pdf; 13-3907565-4266.pdf; 13-3907545-4267.pdf

**From:** DEP NATLANDS [<mailto:NATLANDS@dep.state.nj.us>]  
**Sent:** Thursday, October 24, 2013 5:03 PM  
**To:** Fetter, Allen  
**Subject:** Natural Heritage Data requests - Sites 4-1, 7-1 & 7-2 - Intake Locations Only

Dear Dr. Fetter:

The responses to your Natural Heritage Data Requests are attached.

Larry Miller  
Natural Heritage Program

**Hearing Identifier:** PSEG\_Site\_ESP\_EnvDocs\_Public  
**Email Number:** 29

**Mail Envelope Properties** (26E42474DB238C408C94990815A02F090161016B754D)

**Subject:** FW: Natural Heritage Data requests - Sites 4-1, 7-1 & 7-2 - Intake Locations Only  
**Sent Date:** 6/3/2014 10:51:52 AM  
**Received Date:** 6/3/2014 10:51:54 AM  
**From:** Fetter, Allen

**Created By:** Allen.Fetter@nrc.gov

**Recipients:**  
"PSEGESPEnvDocsPEm Resource" <PSEGESPEnvDocsPEm.Resource@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	353	6/3/2014 10:51:54 AM
13-4007551-4265.pdf	418243	
13-3907565-4266.pdf	402793	
13-3907545-4267.pdf	367004	

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**



## State of New Jersey

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

State Forestry Services

Mail Code 501-04

ONLM - Natural Heritage Program

P.O. Box 420

Trenton, NJ 08625-0420

Tel. #609-984-1339

Fax. #609-984-1427

CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

BOB MARTIN  
*Commissioner*

October 24, 2013

Allen Fetter  
U.S. Nuclear Regulatory Commission  
TWFN, M.S. T6-C32  
11545 Rockville Pike  
Rockville, MD 20852

Re: PSEG - Early Site Permit Application - Alternative Site 4-1 - Intake LocationOnly

Dear Dr. Fetter:

Thank you for your data request regarding rare species information for the above referenced project site in Kingwood Township and Frenchtown Borough, Hunterdon County.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.1) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Request for Data into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 2 (attached) to determine if any rare wildlife species or wildlife habitat are documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

For requests submitted as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on your project site. (In some borderline cases these records may be described as on or in the immediate vicinity of your project site.) A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for plant species will only report occurrences for those plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 2 (attached) to determine if any rare plant species covered by the FHACA rules have been documented. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1 and 2 (attached) to determine if any priority sites are located on or within one mile of the project site.

A list of rare plant species and ecological communities that have been documented from Hunterdon County can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/countylist.html>. If suitable habitat is present at the project site, the species in that list have potential to be present.

Status and rank codes used in the tables and lists are defined in EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS, which can be downloaded from [http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes\\_2010.pdf](http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes_2010.pdf).

If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive NJ-GeoWeb website at the following URL, <http://www.state.nj.us/dep/gis/geoweb splash.htm> or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292-9400.

PLEASE SEE 'CAUTIONS AND RESTRICTIONS ON NHP DATA', which can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/newcaution2008.pdf>.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Robert J. Cartica  
Administrator

c: NHP File No. 13-4007551-4265

Mail Code 501-04  
 Department of Environmental Protection  
 State Forestry Services  
 Office of Natural Lands Management  
 PO Box 420 Trenton, New Jersey 08625-0420  
 (609) 984-1339 FAX (609) 984-1427

# Invoice

## Invoice

DATE	INVOICE #
October 24, 2013	4265

BILL TO
U.S. Nuclear Regulatory Commission TWFN, M.S. T6-C32 11545 Rockville Pike Rockville, MD 20852

Make check payable to  
***Office of Natural Lands Management***  
 and forward with a copy of this statement to  
**Mail Code 501-04**  
**Office of Natural Lands Management**  
**PO Box 420**  
**Trenton, New Jersey 08625-0420**

	P.O. NO.	TERMS	PROJECT
QUANTITY (hrs.)	DESCRIPTION	RATE (per hr.)	AMOUNT
1	Charge for Natural Heritage Database search for rare species and ecological communities locational Information. Project 13-4007551-4265	\$70.00	\$70.00
Allen Fetter PSEG - Early Site Permit Application - Alternative Site 4-1 - Intake LocationOnly		<b>Total</b>	\$70.00

***Table 1: On Site Data Request Search Results (7 Possible Reports)***

Rare Plants/Ecological Communities Possibly On Site:	No
Rare Plants/Ecological Communities On Site/Immediate Vicinity:	No
Natural Heritage Priority Sites On Site:	No
Landscape 3.1 Species Based Patches On Site:	Yes
Landscape 3.1 Vernal Pool Habitat On Site:	No
Landscape 3.1 Stream/Mussel Habitat On Site:	No
Other Animals Tracked by ENSP On Site:	No

**Rare Wildlife Species or Wildlife Habitat on the Project  
Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

<b>Class</b>	<b>Common Name</b>	<b>Scientific Name</b>	<b>Feature Type</b>	<b>Rank</b>	<b>Federal Protection</b>	<b>State Protection</b>	<b>Grank</b>	<b>Strank</b>
<i>Aves</i>	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Bald Eagle	Haliaeetus leucocephalus	Nest	4	NA	State Endangered	G5	S1B,S2N
	Cliff Swallow	Petrochelidon pyrrhonota	Breeding Sighting-Confirmed	2	NA	Special Concern	G5	S3B,S3N
	Great Blue Heron	Ardea herodias	Foraging	2	NA	Special Concern	G5	S3B,S4N
<i>Insecta</i>	Cobra Clubtail	Gomphus vastus	Exuviae Sighting	2	NA	Special Concern	G5	S3
	Cobra Clubtail	Gomphus vastus	Territorial Display	2	NA	Special Concern	G5	S3
<i>Osteichthyes</i>	Shortnose Sturgeon	Acipenser brevirostrum	Summering Area - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3	S1





***Table 2: Within 1 Mile for FHACA Searches (6 possible reports)***

Rare Plants/Ecological Communities within 1 mile:	No
Natural Heritage Priority Sites within 1 mile:	No
Landscape 3.1 Species Based Patches within 1 mile:	Yes
Landscape 3.1 Vernal Pool Habitat within 1 mile:	No
Landscape 3.1 Stream/Mussel Habitat within 1 mile:	Yes
Other Animals Tracked by ENSP within 1 mile:	No

**Rare Wildlife Species or Wildlife Habitat Within One  
Mile of the Project Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Strank
Aves	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Bald Eagle	Haliaeetus leucocephalus	Nest	4	NA	State Endangered	G5	S1B,S2N
	Bobolink	Dolichonyx oryzivorus	Breeding Sighting	3	NA	State Threatened	G5	S2B,S3N
	Brown Thrasher	Toxostoma rufum	Breeding Sighting	2	NA	Special Concern	G5	S3B,S4N
	Cliff Swallow	Petrochelidon pyrrhonota	Breeding Sighting-Confirmed	2	NA	Special Concern	G5	S3B,S3N
	Cooper's Hawk	Accipiter cooperii	Breeding Sighting	2	NA	Special Concern	G5	S3B,S4N
	Eastern Meadowlark	Sturnella magna	Breeding Sighting	2	NA	Special Concern	G5	S3B,S3N
	Grasshopper Sparrow	Ammodramus savannarum	Breeding Sighting	3	NA	State Threatened	G5	S2B,S3N
	Great Blue Heron	Ardea herodias	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Strank
	Red-shouldered Hawk	Buteo lineatus	Breeding Sighting	4	NA	State Endangered	G5	S1B,S3N
	Veery	Catharus fuscescens	Breeding Sighting	2	NA	Special Concern	G5	S3B
	Wood Thrush	Hylocichla mustelina	Breeding Sighting	2	NA	Special Concern	G5	S3B
<b><i>Insecta</i></b>								
	Cobra Clubtail	Gomphus vastus	Exuviae Sighting	2	NA	Special Concern	G5	S3
	Cobra Clubtail	Gomphus vastus	Territorial Display	2	NA	Special Concern	G5	S3
<b><i>Osteichthyes</i></b>								
	Shortnose Sturgeon	Acipenser brevirostrum	Summering Area - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3	S1
<b><i>Reptilia</i></b>								
	Wood Turtle	Glyptemys insculpta	Occupied Habitat	3	NA	State Threatened	G4	S2

**Rare Wildlife Species or Wildlife Habitat  
Within One Mile of the Project Site  
Based on Search of  
Landscape Project 3.1 Stream Habitat File**

<b>Link ID</b>	<b>Common Name</b>	<b>Scientific Name</b>	<b>Feature Type</b>	<b>Rank</b>	<b>Federal Protection</b>	<b>State Protection</b>	<b>Grank</b>	<b>Strank</b>	<b>Last Observed</b>	<b>Count</b>
113762	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2
114070	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2
114181	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2
114442	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2
114615	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2
116119	Yellow Lampmussel	Lampsilis cariosa	Occupied Habitat	3	NA	State Threatened	G3G4	S2	2002	2

Total number of records: 6



## State of New Jersey

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

State Forestry Services

Mail Code 501-04

ONLM - Natural Heritage Program

P.O. Box 420

Trenton, NJ 08625-0420

Tel. #609-984-1339

Fax. #609-984-1427

CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

BOB MARTIN  
*Commissioner*

October 24, 2013

Allen Fetter  
U.S. Nuclear Regulatory Commission  
TWFN, M.S. T6-C32  
11545 Rockville Pike  
Rockville, MD 20852

Re: PSEG - Early Site Permit Application - Alternative Site 7-1 - Intake Location Only

Dear Dr. Fetter:

Thank you for your data request regarding rare species information for the above referenced project site in Pennsville Township, Salem County.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.1) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Request for Data into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

We have checked the Landscape Project habitat mapping and the Biotics Database for occurrences of any rare wildlife species or wildlife habitat on the referenced site. The Natural Heritage Database was searched for occurrences of rare plant species or ecological communities that may be on the project site. Please refer to Table 1 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented on site. A detailed report is provided for each category coded as 'Yes' in Table 1.

We have also checked the Landscape Project habitat mapping and Biotics Database for all occurrences of rare wildlife species or wildlife habitat within one mile of the referenced site. Please refer to Table 2 (attached) to determine if any rare wildlife species or wildlife habitat are documented within one mile of the project site. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

For requests submitted as part of a Flood Hazard Area Control Act (FHACA) rule application, we report records for all rare plant species and ecological communities tracked by the Natural Heritage Program that may be on your project site. (In some borderline cases these records may be described as on or in the immediate vicinity of your project site.) A subset of these plant species are also covered by the FHACA rules when the records are located within one mile of the project site. One mile searches for plant species will only report occurrences for those plant species identified under the FHACA regulations as being critically dependent on the watercourse. Please refer to Table 2 (attached) to determine if any rare plant species covered by the FHACA rules have been documented. Detailed reports are provided for each category coded as 'Yes' in Table 2. These reports may include species that have also been documented on the project site.

The Natural Heritage Program reviews its data periodically to identify priority sites for natural diversity in the State. Included as priority sites are some of the State's best habitats for rare and endangered species and ecological communities. Please refer to Tables 1 and 2 (attached) to determine if any priority sites are located on or within one mile of the project site.

A list of rare plant species and ecological communities that have been documented from Salem County can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/countylist.html>. If suitable habitat is present at the project site, the species in that list have potential to be present.

Status and rank codes used in the tables and lists are defined in EXPLANATION OF CODES USED IN NATURAL HERITAGE REPORTS, which can be downloaded from [http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes\\_2010.pdf](http://www.state.nj.us/dep/parksandforests/natural/heritage/nhpcodes_2010.pdf).

If you have questions concerning the wildlife records or wildlife species mentioned in this response, we recommend that you visit the interactive NJ-GeoWeb website at the following URL, <http://www.state.nj.us/dep/gis/geoweb splash.htm> or contact the Division of Fish and Wildlife, Endangered and Nongame Species Program at (609) 292-9400.

PLEASE SEE 'CAUTIONS AND RESTRICTIONS ON NHP DATA', which can be downloaded from <http://www.state.nj.us/dep/parksandforests/natural/heritage/newcaution2008.pdf>.

Thank you for consulting the Natural Heritage Program. The attached invoice details the payment due for processing this data request. Feel free to contact us again regarding any future data requests.

Sincerely,



Robert J. Cartica  
Administrator

c: NHP File No. 13-3907565-4266

Mail Code 501-04  
 Department of Environmental Protection  
 State Forestry Services  
 Office of Natural Lands Management  
 PO Box 420 Trenton, New Jersey 08625-0420  
 (609) 984-1339 FAX (609) 984-1427

# Invoice

## Invoice

DATE	INVOICE #
October 24, 2013	4266

BILL TO
U.S. Nuclear Regulatory Commission TWFN, M.S. T6-C32 11545 Rockville Pike Rockville, MD 20852

Make check payable to  
**Office of Natural Lands Management**  
 and forward with a copy of this statement to  
**Mail Code 501-04**  
**Office of Natural Lands Management**  
**PO Box 420**  
**Trenton, New Jersey 08625-0420**

	P.O. NO.	TERMS	PROJECT
QUANTITY (hrs.)	DESCRIPTION	RATE (per hr.)	AMOUNT
1	Charge for Natural Heritage Database search for rare species and ecological communities locational Information. Project 13-3907565-4266	\$70.00	\$70.00
Allen Fetter PSEG - Early Site Permit Application - Alternative Site 7-1 - Intake Location Only		<b>Total</b>	\$70.00

***Table 1: On Site Data Request Search Results (7 Possible Reports)***

Rare Plants/Ecological Communities Possibly On Site:	No
Rare Plants/Ecological Communities On Site/Immediate Vicinity:	No
Natural Heritage Priority Sites On Site:	No
Landscape 3.1 Species Based Patches On Site:	Yes
Landscape 3.1 Vernal Pool Habitat On Site:	No
Landscape 3.1 Stream/Mussel Habitat On Site:	No
Other Animals Tracked by ENSP On Site:	No



**Rare Wildlife Species or Wildlife Habitat on the Project  
Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Srank
<i>Aves</i>	Bald Eagle	Haliaeetus leucocephalus	Wintering	3	NA	State Threatened	G5	S1B,S2N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B
	Shortnose Sturgeon	Acipenser brevirostrum	Migration Corridor - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3	S1
Acipenser brevirostrum		Migration Corridor - Juvenile Sighting	5	Federally Listed Endangered	State Endangered	G3	S1	

*Osteichthyes*



***Table 2: Within 1 Mile for FHACA Searches (6 possible reports)***

Rare Plants/Ecological Communities within 1 mile:	No
Natural Heritage Priority Sites within 1 mile:	No
Landscape 3.1 Species Based Patches within 1 mile:	Yes
Landscape 3.1 Vernal Pool Habitat within 1 mile:	Yes
Landscape 3.1 Stream/Mussel Habitat within 1 mile:	No
Other Animals Tracked by ENSP within 1 mile:	No

**Rare Wildlife Species or Wildlife Habitat Within One  
Mile of the Project Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Strank	
<i>Aves</i>	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N	
	Bald Eagle	Haliaeetus leucocephalus	Wintering	3	NA	State Threatened	G5	S1B,S2N	
	Barred Owl	Strix varia	Breeding Sighting	3	NA	State Threatened	G5	S2B,S2N	
	Cooper's Hawk	Accipiter cooperii	Nest	2	NA	Special Concern	G5	S3B,S4N	
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B	
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B	
	Peregrine Falcon	Falco peregrinus	Nest	4	NA	State Endangered	G4	S1B,S3N	
	<i>Osteichthyes</i>	Shortnose Sturgeon	Acipenser brevirostrum	Migration Corridor - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3	S1
		Shortnose Sturgeon	Acipenser brevirostrum	Migration Corridor - Juvenile Sighting	5	Federally Listed Endangered	State Endangered	G3	S1

**Vernal Pool Habitat  
Within One Mile of the Project Site  
Based on Search of  
Landscape Project 3.1**

<b>Vernal Pool Habitat Type</b>	<b>Vernal Pool Habitat ID</b>
Potential vernal habitat a	940

Total number of records: 1



## State of New Jersey

### DEPARTMENT OF ENVIRONMENTAL PROTECTION

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Mail Code 501-04

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CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
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BOB MARTIN  
*Commissioner*

October 24, 2013

Allen Fetter  
U.S. Nuclear Regulatory Commission  
TWFN, M.S. T6-C32  
11545 Rockville Pike  
Rockville, MD 20852

Re: PSEG - Early Site Permit Application - Alternative Site 7-2 - Intake Location Only

Dear Dr. Fetter:

Thank you for your data request regarding rare species information for the above referenced project site in Lower Alloways Creek Township, Salem County.

Searches of the Natural Heritage Database and the Landscape Project (Version 3.1) are based on a representation of the boundaries of your project site in our Geographic Information System (GIS). We make every effort to accurately transfer your project bounds from the topographic map(s) submitted with the Request for Data into our Geographic Information System. We do not typically verify that your project bounds are accurate, or check them against other sources.

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Administrator

c: NHP File No. 13-3907545-4267

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 State Forestry Services  
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# Invoice

## Invoice

DATE	INVOICE #
October 24, 2013	4267

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U.S. Nuclear Regulatory Commission TWFN, M.S. T6-C32 11545 Rockville Pike Rockville, MD 20852

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***Table 1: On Site Data Request Search Results (7 Possible Reports)***

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Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

<b>Class</b>	<b>Common Name</b>	<b>Scientific Name</b>	<b>Feature Type</b>	<b>Rank</b>	<b>Federal Protection</b>	<b>State Protection</b>	<b>Grank</b>	<b>Srank</b>
<i>Aves</i>	Great Blue Heron	Ardea herodias	Foraging	2	NA	Special Concern	G5	S3B,S4N
<i>Osteichthyes</i>	Shortnose Sturgeon	Acipenser brevirostrum	Migration Corridor - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3	S1
<i>Reptilia</i>	Atlantic Green Turtle	Chelonia mydas	Occupied Habitat	5	Federally Listed Threatened	State Threatened	G3	S1
	Atlantic Loggerhead	Caretta caretta	Occupied Habitat	5	Federally Listed Threatened	State Endangered	G3	S1
	Kemp's or Atlantic Ridley	Lepidochelys kempii	Occupied Habitat	5	Federally Listed Endangered	State Endangered	G1	S1



***Table 2: Within 1 Mile for FHACA Searches (6 possible reports)***

Rare Plants/Ecological Communities within 1 mile:	No
Natural Heritage Priority Sites within 1 mile:	No
Landscape 3.1 Species Based Patches within 1 mile:	Yes
Landscape 3.1 Vernal Pool Habitat within 1 mile:	No
Landscape 3.1 Stream/Mussel Habitat within 1 mile:	No
Other Animals Tracked by ENSP within 1 mile:	No

**Rare Wildlife Species or Wildlife Habitat Within One  
Mile of the Project Site Based on Search of  
Landscape Project 3.1 Species Based Patches**

Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Strank
<i>Aves</i>	Bald Eagle	Haliaeetus leucocephalus	Foraging	4	NA	State Endangered	G5	S1B,S2N
	Bald Eagle	Haliaeetus leucocephalus	Wintering	3	NA	State Threatened	G5	S1B,S2N
	Great Blue Heron	Ardea herodias	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Osprey	Pandion haliaetus	Foraging	3	NA	State Threatened	G5	S2B
	Osprey	Pandion haliaetus	Nest	3	NA	State Threatened	G5	S2B
	<i>Osteichthyes</i>	Shortnose Sturgeon	Acipenser brevirostrum	Migration Corridor - Adult Sighting	5	Federally Listed Endangered	State Endangered	G3
<i>Reptilia</i>		Atlantic Green Turtle	Chelonia mydas	Occupied Habitat	5	Federally Listed Threatened	State Threatened	G3
	Atlantic Loggerhead	Caretta caretta	Occupied Habitat	5	Federally Listed Threatened	State Endangered	G3	S1
	Kemp's or Atlantic Ridley	Lepidochelys kempii	Occupied Habitat	5	Federally Listed Endangered	State Endangered	G1	S1