

APPENDIX E
Endangered Species

0714_335_15_EndangeredSpeciesMap

The screenshot displays the ArcGIS Explorer Online interface. The main map area shows an aerial view of a residential neighborhood in Newark, NJ. A red square highlights a specific property. The interface includes a map legend on the left, a query results table on the right, and various navigation tools at the top and bottom.

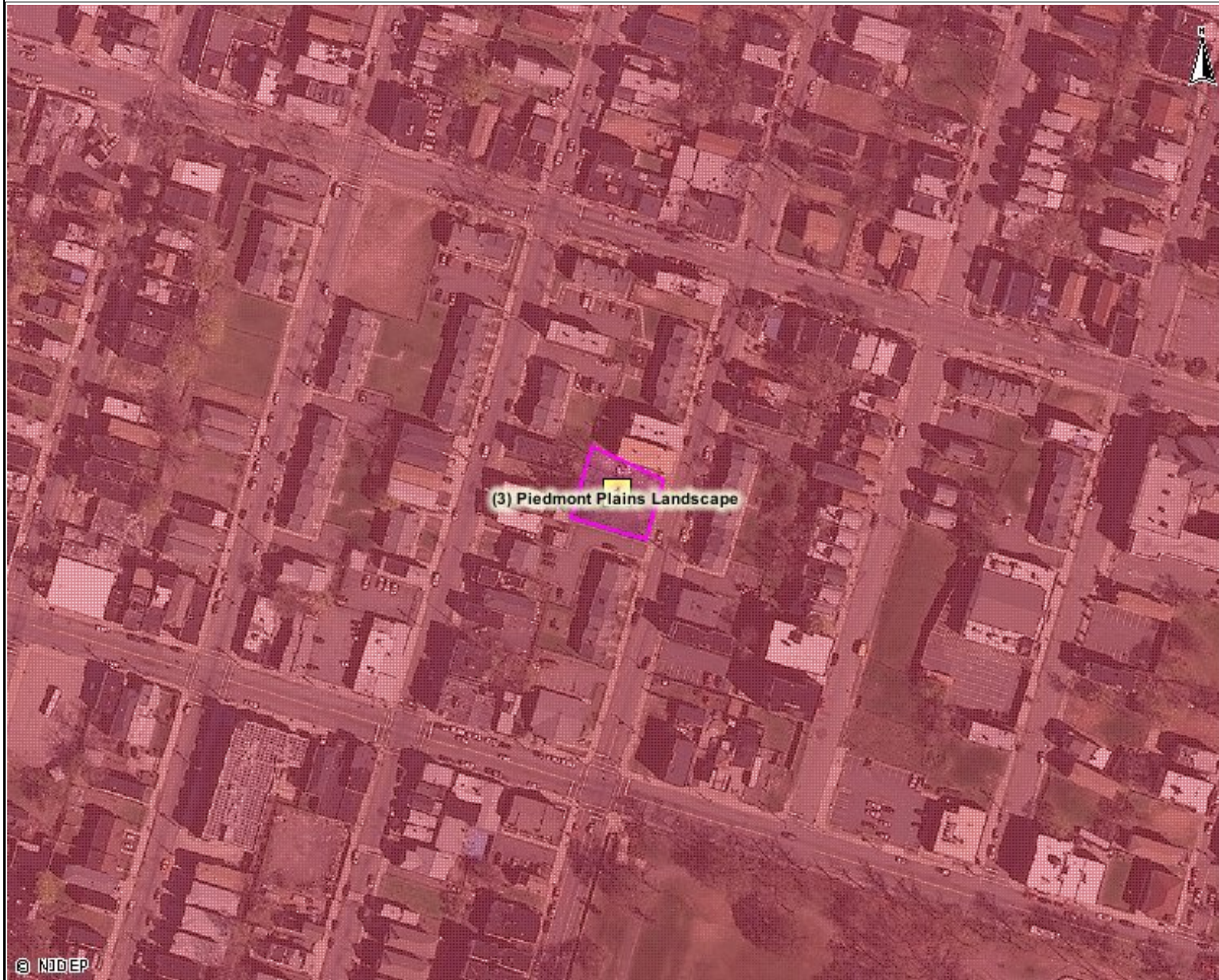
Map Legend

- Threatened and Endangered Animals (Piping Plover) - Yellow square
- Threatened and Endangered Animals (Red Knot) - Orange square
- Threatened and Endangered Species (Bats) (Non-Tiered Review) - Grey square

Query Results

0714_335_15 1 of 1	
CITY_STATE	NEWARK, NJ
LAND_VALUE	41000
IMPROVEMENT_VALUE	
NET_VALUE	41000
LAST_YEAR_TAX	
ZIP5	07104
SHPO	No
PROJECT_NO	N/A
CHRON_DATE	
PS_A	No
PS_V	No
DFIRM_A	No
DFIRM_V	No
Q3_A	No
Q3_V	No
NFIP	Yes
FLD_WAY	No
SOURCE	N/A
WETLANDS	No
HMDC	No
CAFRA	No
UWB_BUF	No
UWDZ	No
TE_ANIM	No
HAZ_SITE	Yes
LAKEH_RUN	No

NEP0011_EA_EndangeredSpeciesMap(1)



Legend Environmental Data Landscape Regions

- (1) Atlantic Coastal Landscape
- (2) Delaware Bay Landscape
- (3) Piedmont Plains Landscape
- (4) Pinelands Landscape
- (5) Skylands Landscape
- (6) Marine Region

Natural2012

© NJDEP

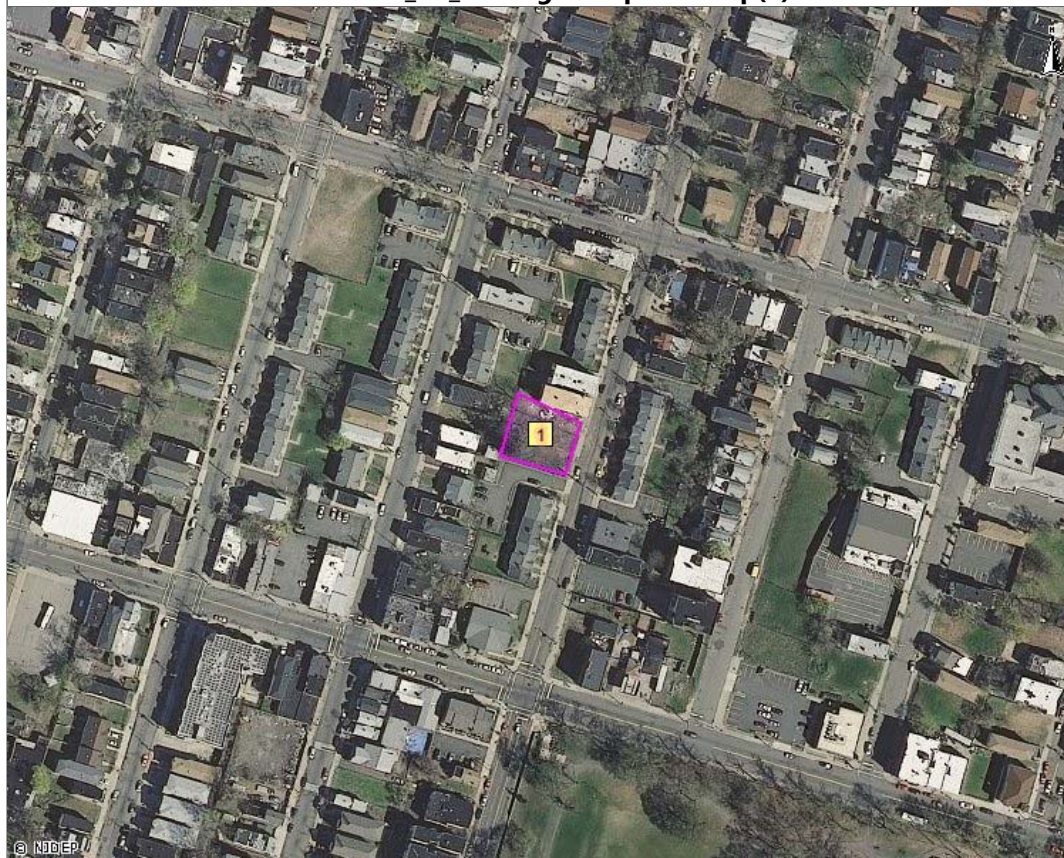
Map Printed On {2014-01-02 14:35}

0 ————— 0.031 mi

Selections

1 Municipal Code: 0714, Block: 335, Lot: 15, Qualifier:

NEP0011_EA_EndangeredSpeciesMap(2)



Legend

Environmental Data

- Natural Heritage Priority Sites

Landscape Project - Species-Based Habitat - Piedmont Plains

- Rank 1 - Habitat Specific Requirements
- Rank 2 - Special Concern
- Rank 3 - State Threatened
- Rank 4 - State Endangered
- Rank 5 - Federally Listed

Landscape Project - Freshwater Mussel

- Rank 2 - Special Concern
- Rank 3 - State Threatened
- Rank 4 - State Endangered
- Rank 5 - Federal Listed

Natural2012

Map Printed On (2014-01-02 14:39)

0 0.031mi

Selections

1 Municipal Code: 0714, Block: 335, Lot: 15, Qualifier:



December 23, 2013

State of New Jersey
Department of Environmental Protection
Natural Heritage Data Request Form
The New Jersey Natural Heritage Program
DEP – Office of Natural Lands Management
Mail Code 501-04
P.O. Box 420
501 E. State Street
Station Plaza #5, 4th Floor
Trenton, New Jersey 08625-0420

**RE: NJDEP National Heritage Data Request
CDBG-Disaster Recovery Program: Neighborhood Enhancement Program
Block 335, Lot 15
Newark, Essex County, New Jersey**

To Whom It May Concern:

Tetra Tech EM Inc. (Tetra Tech) is conducting an Environmental Assessment (EA) at the above-mentioned property as part of the CDBG-Disaster Recovery Program's Neighborhood Enhancement Program (NEP).

The above mentioned property, currently consisting of vacant land, is to be redeveloped with two three-family homes in an area of Newark where new development has been encouraged by Federal, State and City policy, in response to local economic conditions. This request is being submitted in order to identify threatened or endangered plants or animals that may be present on or in the vicinity of Block 335, Lot 15 in the City of Newark, New Jersey.

Enclosed are the completed request form and a copy of the USGS quadrangle map identifying the property subject to this request. If you have any questions or concerns regarding this request or if you need additional information to assist with your search, please feel free to contact me via phone at (302) 283-2257 or email at Beth.Williams@tetratech.com. Thank you in advance for spending time on this matter.

Sincerely,

A handwritten signature in cursive script that reads "Beth Williams".

Beth Williams
Environmental Scientist

Enclosures (3)



State of New Jersey
Department of Environmental Protection
Natural Heritage Data Request Form
 The New Jersey Natural Heritage Program
 DEP-Office of Natural Lands Management
Mail Code 501-04
 P.O. Box 420
 501 E. State Street
 Station Plaza #5, 4th Floor
 Trenton, New Jersey 08625-0420
 (609) 984-1339
 Fax No.: (609) 984-1427



PLEASE PRINT AND SUBMIT COMPLETED FORM WITH ATTACHMENTS TO THE ADDRESS ABOVE
 (Fields shown in bold font must be completed in order for data request to be processed.)

1. **Name:** Beth Williams Agency/Company: Tetra Tech
Address: 240 Continental Drive, Suite 200 City: Newark
State: DE Zip: 19713 Daytime Phone: (302) 283-2257 Ext.: _____
 Cell Phone: _____ Email: beth.williams@tetratech.com

2. **Project Name:** CDBG - Disaster Recovery Program
Municipality(ies): City of Newark County(ies): Essex County
Block(s): 335 Lot(s): 15

N.A.D. 1983 State Plane Coordinates (feet) 6 digits only: E (x): _____ N (y): _____

3. **Project Description:** Construction of 2 three-family homes on a current vacant lot (Block 335, Lot 15) in an area of Newark where new development has been encouraged by Federal, State + City policy, in response to local economic conditions.

4. **USGS Quad:** A copy of a USGS quad map(s) that clearly indicates the site boundary is included with this form. Specify name of USGS quad(s): Elizabeth, N.J. - N.Y.

(USGS quad maps are required, unless prior arrangements have been made to submit site boundaries in an alternate format. Responses will be delayed if site locations are not delineated in a suitable format.)

5. **Flood Hazard Control Act Use:** Is this request submitted as part of a Flood Hazard Area Control Act rule (N.J.A.C. 7:13) application? Yes ___ No

6. **Acknowledgement & Signature:** Any material supplied by the Office of Natural Lands Management will not be published without crediting the Natural Heritage Database as the source of the material. It is understood that there will be a charge of \$70.00 per hour for the services requested. An invoice will be sent with the request response and payment should be made by check or money order payable to "Office of Natural Lands Management."

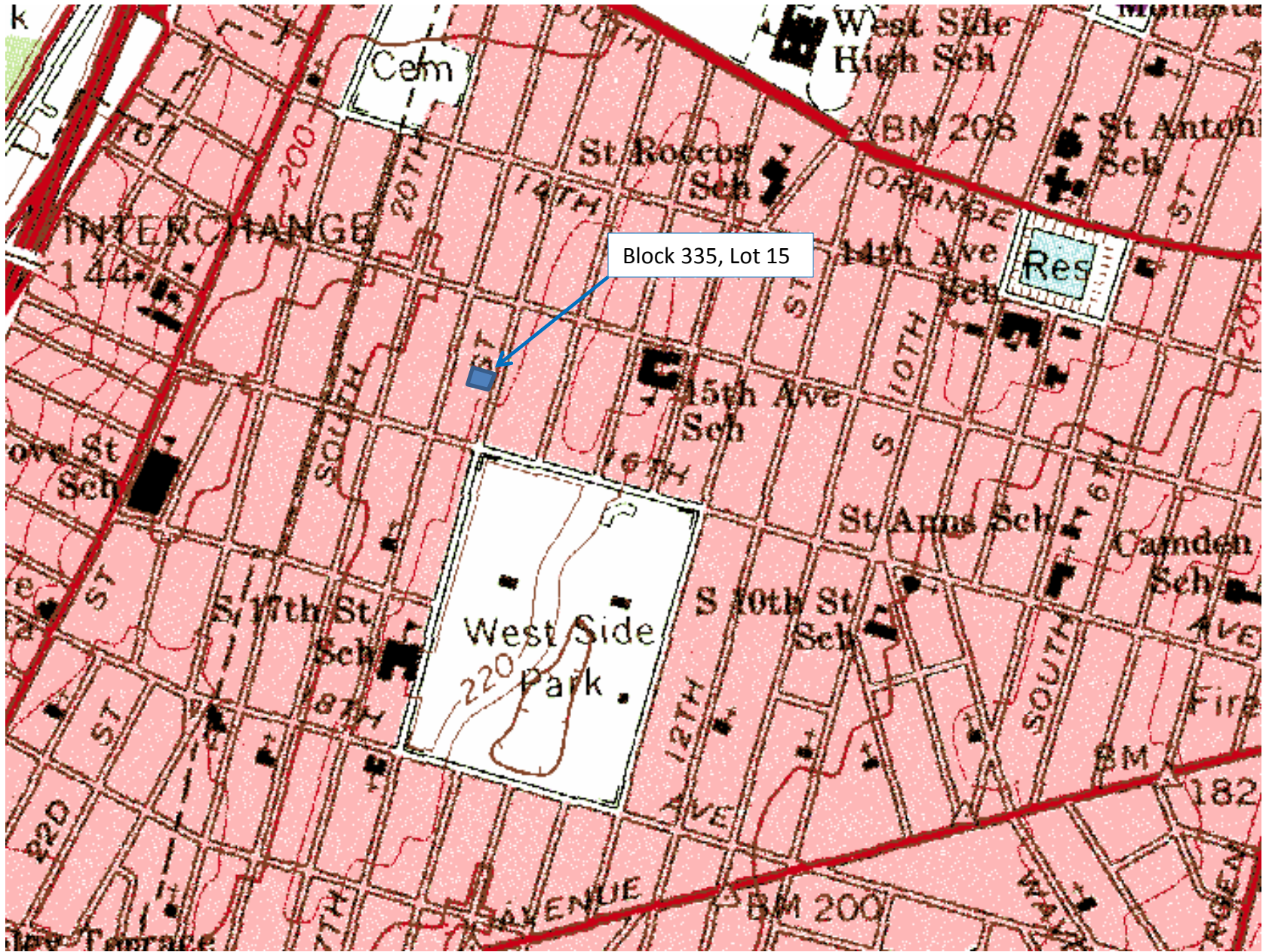
Signed Beth Williams Date 12/19/13

Time Frame for Response:
 Data requests are processed in the order in which they are received; the response time depends on the backlog at the time your request is logged in. Due to the number of attachments, we cannot fax results. If you would like to have your response package returned by Federal Express, please include an account number with your request.

FOR OFFICE USE ONLY

DATE RECEIVED _____
 Item Code: REG ___ ST ___ RTC ___ NC ___ REGEO ___ STEO ___ RTCEO ___ NCEO ___
 Hrs: _____
 Project Code: _____ Inv. #: _____

Elizabeth, N.J. – N.Y. Topographic Quadrangle





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

January 9, 2014

Beth Williams
Tetra Tech
240 Continental Drive, Suite 200
Newark, DE 19714-9239

Re: CDBG - Disaster Recovery Program

Dear Ms. Williams:

Thank you for your data request regarding rare species information for the above referenced project site in Newark City, Essex 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 occurrences of rare wildlife species or wildlife habitat in the immediate vicinity (within ¼ mile) of the referenced site. Additionally, the Natural Heritage Database was checked for occurrences of rare plant species or ecological communities within ¼ mile of the site. Please refer to Table 2 (attached) to determine if any rare plant species, ecological communities, or rare wildlife species or wildlife habitat are documented within the immediate vicinity of the site. Detailed reports are provided for all categories 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 in the vicinity of the site.

A list of rare plant species and ecological communities that have been documented from Essex 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.

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. 14-4007462-4633

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:	No
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

Table 2: Vicinity Data Request Search Results (6 possible reports)

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