



## 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

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CHRIS CHRISTIE  
*Governor*

KIM GUADAGNO  
*Lt. Governor*

BOB MARTIN  
*Commissioner*

January 29, 2014

Heather Shaw  
The Louis Berger Group, Inc.  
412 Mount Kemble Avenue  
Morristown, NJ 07962-1946

Re: NJDEP CDBG Disaster Recovery Program (HUD) - 23 Main Street, Toms River Township; First Avenue, Third Avenue and 7th Street, Berkeley Township, New Jersey

Dear Ms. Shaw:

Thank you for your data request regarding rare species information for the above referenced project site in Berkeley and Toms River Townships, Ocean 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 Ocean 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. 14-3907482-4789

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 #
January 29, 2014	4789

BILL TO
The Louis Berger Group, Inc. 412 Mount Kemble Avenue Morristown, NJ 07962-1946

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 14-3907482-4789	\$70.00	\$70.00
Heather Shaw NJDEP CDBG Disaster Recovery Program (HUD) - 23 Main Street, Toms River Township; First Avenue, Third Avenue and 7th Street, Berkeley		<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

<p align="center"><b>Rare Wildlife Species or Wildlife Habitat on the Project Site Based on Search of Landscape Project 3.1 Species Based Patches</b></p>
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<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>Reptilia</i>								
	Corn Snake	Pantherophis guttatus	Occupied Habitat	4	NA	State Endangered	G5	S1
	Northern Pine Snake	Pituophis melanoleucus melanoleucus	Occupied Habitat	3	NA	State Threatened	G4T4	S2

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

Rare Plants/Ecological Communities within 1 mile:	Yes
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 Plant Species Covered by the  
Flood Hazard Area Control Act Rule  
Within One Mile of the Project Site Based on Search of  
Natural Heritage Database**

Scientific Name	Common Name	Federal Protection	State Protection	Regional Status	Grank	Srank	Identified	Last Observed
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***Vascular Plants***

Zigadenus leimanthoides	Death-camus		E	LP, HL	G4Q	S1	Y - Yes	1993-06-25
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Total number of records: 1

<p><b>Rare Wildlife Species or Wildlife Habitat Within One Mile of the Project Site Based on Search of Landscape Project 3.1 Species Based Patches</b></p>
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Class	Common Name	Scientific Name	Feature Type	Rank	Federal Protection	State Protection	Grank	Strank
<i>Amphibia</i>								
	Pine Barrens Treefrog	Hyla andersonii	Breeding Sighting	3	NA	State Threatened	G4	S2
	Pine Barrens Treefrog	Hyla andersonii	Vernal Pool Breeding	3	NA	State Threatened	G4	S2
<i>Aves</i>								
	Barred Owl	Strix varia	Breeding Sighting	3	NA	State Threatened	G5	S2B,S2N
	Black-crowned Night-heron	Nycticorax nycticorax	Foraging	3	NA	State Threatened	G5	S2B,S3N
	Black-throated Green Warbler	Dendroica virens	Breeding Sighting	2	NA	Special Concern	G5	S3B
	Brown Thrasher	Toxostoma rufum	Breeding Sighting	2	NA	Special Concern	G5	S3B,S4N
	Caspian Tern	Hydroprogne caspia	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Common Tern	Sterna hirundo	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Cooper's Hawk	Accipiter cooperii	Breeding Sighting	2	NA	Special Concern	G5	S3B,S4N
	Glossy Ibis	Plegadis falcinellus	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Great Blue Heron	Ardea herodias	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Little Blue Heron	Egretta caerulea	Foraging	2	NA	Special Concern	G5	S3B,S3N



<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>
	Snowy Egret	Egretta thula	Foraging	2	NA	Special Concern	G5	S3B,S4N
	Tricolored Heron	Egretta tricolor	Foraging	2	NA	Special Concern	G5	S3B,S3N
	Whip-poor-will	Caprimulgus vociferus	Breeding Sighting	2	NA	Special Concern	G5	S3B
<b><i>Insecta</i></b>								
	Georgia Satyr	Neonympha helicta	Casual Flyby	2	NA	Special Concern	G3G4	S3
	Golden-winged Skimmer	Libellula auripennis	Occupied Habitat	2	NA	Special Concern	G5	S3
	Pine Barrens Bluet	Enallagma recurvatum	Occupied Habitat	2	NA	Special Concern	G3	S3
<b><i>Reptilia</i></b>								
	Corn Snake	Pantherophis guttatus	Occupied Habitat	4	NA	State Endangered	G5	S1
	Northern Pine Snake	Pituophis melanoleucus melanoleucus	Occupied Habitat	3	NA	State Threatened	G4T4	S2

**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	1387
Potential vernal habitat a	1395
Total number of records:	2