

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES IN
MASSACHUSETTS**

| COUNTY | SPECIES | FEDERAL STATUS | GENERAL LOCATION/HABITAT | TOWNS |
|---------------|---------------------------------|----------------------------|---|---|
| Barnstable | Piping Plover | Threatened | Coastal Beaches | All Towns |
| | Roseate Tern | Endangered | Coastal beaches and the Atlantic Ocean | All Towns |
| | Northeastern beach tiger beetle | Threatened | Coastal Beaches | Chatham |
| | Sandplain gerardia | Endangered | Open areas with sandy soils. | Sandwich and Falmouth. |
| | Northern Red-bellied Cooter | Endangered | Inland Ponds and Rivers | Bourne (north of the Cape Cod Canal) |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Berkshire | Bog Turtle | Threatened | Wetlands | Egremont and Sheffield |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Bristol | Piping Plover | Threatened | Coastal Beaches | Fairhaven, Dartmouth, Westport |
| | Roseate Tern | Endangered | Coastal beaches and the Atlantic Ocean | Fairhaven, New Bedford, Dartmouth, Westport |
| | Northern Red-bellied Cooter | Endangered | Inland Ponds and Rivers | Taunton |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Dukes | Roseate Tern | Endangered | Coastal beaches and the Atlantic Ocean | All Towns |
| | Piping Plover | Threatened | Coastal Beaches | All Towns |
| | Northeastern beach tiger beetle | Threatened | Coastal Beaches | Aquinnah and Chilmark |
| | Sandplain gerardia | Endangered | Open areas with sandy soils. | West Tisbury |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |

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| Essex | Small whorled Pogonia | Threatened | Forests with somewhat poorly drained soils and/or a seasonally high water table | Gloucester, Essex and Manchester |
| | Piping Plover | Threatened | Coastal Beaches | Gloucester, Essex, Ipswich, Rowley, Revere, Newbury, Newburyport and Salisbury |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Franklin | Northeastern bulrush | Endangered | Wetlands | Montague, Warwick |
| | Dwarf wedgemussel | Endangered | Mill River | Whately |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Hampshire | Small whorled Pogonia | Threatened | Forests with somewhat poorly drained soils and/or a seasonally high water table | Hadley |
| | Puritan tiger beetle | Threatened | Sandy beaches along the Connecticut River | Northampton and Hadley |
| | Dwarf wedgemussel | Endangered | Rivers and Streams. | Hatfield, Amherst and Northampton |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Hampden | Small whorled Pogonia | Threatened | Forests with somewhat poorly drained soils and/or a seasonally high water table | Southwick |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Middlesex | Small whorled Pogonia | Threatened | Forests with somewhat poorly drained soils and/or a seasonally high water table | Groton |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Nantucket | Piping Plover | Threatened | Coastal Beaches | Nantucket |
| | Roseate Tern | Endangered | Coastal beaches and the Atlantic Ocean | Nantucket |
| | American burying beetle | Endangered | Upland grassy meadows | Nantucket |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |

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| Plymouth | Piping Plover | Threatened | Coastal Beaches | Scituate, Marshfield, Duxbury, Plymouth, Wareham and Mattapoisett |
| | Northern Red-bellied Cooter | Endangered | Inland Ponds and Rivers | Kingston, Middleborough, Carver, Plymouth, Bourne, Wareham, Halifax, and Pembroke |
| | Roseate Tern | Endangered | Coastal beaches and the Atlantic Ocean | Plymouth, Marion, Wareham, and Mattapoisett. |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Suffolk | Piping Plover | Threatened | Coastal Beaches | Revere, Winthrop |
| | Red Knot ¹ | Threatened | Coastal Beaches and Rocky Shores, sand and mud flats | Coastal Towns |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |
| Worcester | Small whorled Pogonia | Threatened | Forests with somewhat poorly drained soils and/or a seasonally high water table | Leominster |
| | Northern Long-eared Bat | Threatened Final 4(d) Rule | Winter- mines and caves, Summer – wide variety of forested habitats | Statewide |

¹Migratory only, scattered along the coast in small numbers

-Eastern cougar and gray wolf are considered extirpated in Massachusetts.

-Endangered gray wolves are not known to be present in Massachusetts, but dispersing individuals from source populations in Canada may occur statewide.

-Critical habitat for the Northern Red-bellied Cooter is present in Plymouth County.

From: [William P. Short III](#)
To: [Lauren Glorioso \(lauren.glorioso@state.ma.us\)](#); [Melany Cheeseman \(melany.cheeseman@state.ma.us\)](#)
Cc: [Kevin Telford \(ktelford@hullstreetenergy.com\)](#); [Matthew Willis](#); [Randall Osteen \(rosteen@hullstreetenergy.com\)](#); [Michael Mann \(mmann@hullstreetenergy.com\)](#); "Elisse Wright"
Subject: Dwight Project -- Mesa Information Request
Date: Monday, August 26, 2019 10:43:00 AM
Attachments: [01 Dwight infoequiform elect.pdf](#)
[02 Check Payable to Comm. of MA - NHESP.pdf](#)
[03 Description of the Dwight Project.pdf](#)
[04 Major Components of Dwight Project.pdf](#)
[05 Site Plan Of The Facility.pdf](#)
[06 Aerial Photograph of Dwight Project \(Small\).pdf](#)
[07 Aerial Photograph of Dwight Project \(Large\).pdf](#)
[08 Aerial Photograph of Impoundment ZoE.pdf](#)
[09 Aerial Photograph of Bypassed Reach ZoE.pdf](#)
[10 Aerial Photograph of Tailrace ZoE.pdf](#)
[11 Springfield 12-31432.pdf](#)

Melany,

Per my voicemail, my client, Central Rivers Power MA, LLC, needs a MESA letter for its Dwight Project similar to the one that you wrote and Everose Schluter signed this year in June for Indian Orchard Project.

Accordingly, attached please find the following documents that you should review before preparing this letter for Dwight Project:

- A completed MESA Information Request Form.
- A copy of a check for \$50.00 made payable to the "Comm. Of Ma – NHESP."
- A description of the Dwight Project area.
- The location of the major components of the Dwight Project.
- Site Plan of the Dwight Project.
- A Google Earth aerial photograph of the Dwight Project from the confluence of the tailrace and the bypassed reach of the Project with the Chicopee River to the **easternmost** portion of the Dwight impoundment.
- A Goggle Earth aerial photograph of the Dwight Project from the confluence of the Connecticut River with the Chicopee River to the Chicopee Falls Dam.
- A Goggle Earth aerial photograph of the Dwight Project from the **easternmost** portion of the Dwight impoundment to the **westernmost** portion of the Dwight impoundment (i.e., Dwight dam). This photograph may be referred to as "**Impoundment ZoE**."
- A Goggle Earth aerial photograph of the Dwight Project from the confluence of

the tailrace and the bypassed reach with the Chicopee River to the spillway of the Dwight dam. This photograph may be referred to as “**Bypassed Reach ZoE.**”

- A Goggle Earth aerial photograph of the Dwight Project from the confluence of the tailrace and the bypassed reach with the Chicopee River to powerhouse of the Dwight dam. This photograph may be referred to as “**Tailrace Reach ZoE.**”
- A letter signed by Everose Schluter for the Indian Orchard Project in which Everose supplied me with similar information for the Indian Orchard Project portion of the Chicopee River. We would like a letter in a similar format with the NHESP response divided into three parts, each corresponding to the aforementioned ZoEs.

In the next day or two, I will be mailing to your offices in Westborough, Massachusetts a complete set of these documents, including a check for \$50.00 to cover the cost of performing this research and writing a reply letter.

Upon your review of my e-mail and its attachments, please do not hesitate to give me a call to discuss any open items that Everose or you might have.

In advance, I thank you for your cooperation.

Bill Short





MASSWILDLIFE

DIVISION OF
FISHERIES & WILDLIFE

1 Rabbit Hill Road, Westborough, MA 01581

p: (508) 389-6300 | f: (508) 389-7890

MASS.GOV/MASSWILDLIFE

September 13, 2019

William Short
PO Box 237173
New York NY 10023-7173

RE: Project Location: Dwight Project; Chicopee River at River Mile 0.9-1.5
Town: CHICOPEE
NHESP Tracking No.: **13-32119**

To Whom It May Concern:

Thank you for contacting the Natural Heritage and Endangered Species Program of the MA Division of Fisheries & Wildlife (the "Division") for information regarding state-listed rare species in the vicinity of the above referenced site. Based on the information provided, the Division has determined that at this time the Dwight Project sites: **Impoundment ZoE**, **Bypassed Reach ZoE**, and **Tailrace Reach ZoE** are not mapped as Priority or Estimated Habitat.

This evaluation is based on the most recent information available in the Natural Heritage database, which is constantly being expanded and updated through ongoing research and inventory. If you have any questions regarding this letter please contact Melany Cheeseman, Endangered Species Review Assistant, at (508) 389-6357.

Sincerely,

A handwritten signature in black ink that reads "Everose Schlüter".

Everose Schlüter, Ph.D.
Assistant Director

MASSWILDLIFE

Army Corps of Engineers¹

Brian Valiton; (978) 318-8166

Brian.E.Valiton@usace.army.mil

Environmental Protection Agency

Ralph Abele; (617) 918-1629

abele.ralph@epa.gov

Federal Energy Regulatory Commission

Jon Cofrancesco; (202) 502-8901

Jon.cofrancesco@ferc.gov

Federal Energy Regulatory Commission – New York Regional Office

Gerald L. Cross, Regional Engineer; (212) 273-5911

gerald.cross@ferc.gov

Fish and Wildlife Service

Melissa Grader; (413) 548-9138, x-124

Melissa_Grader@fws.gov

Fish and Wildlife Service

John Warner; (603) 223-2541, x-15

john_warner@fws.gov

National Marine Fisheries Service

Marjorie Mooney; (978) 281-9175

Marjorie.Mooney-Seus@noaa.gov

National Park Service, Rivers and Special Studies Branch

Kevin Mendik; (617) 223-5299

kevin_mendik@nps.gov

Natural Resources Conservation Service

Albert N. Averill, Jr.; (413) 253-4382

al.averill@ma.usda.gov

¹ Those entities highlighted in **RED** supplied comments on the Dwight's Application for Exemption from License.

Massachusetts Department of Conservation and Recreation

Edward M. Lambert, Jr.; (617) 626-1250

mass.parks@state.ma.us

Massachusetts Department of Fish and Game

John P. Sheppard; (617) 727-1843

jack.sheppard@state.ma.us

Massachusetts Department of Environmental Protection

Robert D. Kubit; (508) 767-2854

robert.kubit@state.ma.us

Massachusetts Division of Ecological Restoration

Russell Cohen; (617) 626-1543

russ.cohen@state.ma.us

Massachusetts Division of Fisheries and Wildlife

Caleb Slater; (508) 389-6331

caleb.slater@state.ma.us

Massachusetts Historical Commission (SHPO)

Brona Simon; (617) 727-8470

mhc@sec.state.ma.us

American Rivers

Brian Graber; (202) 347-7550

bgraber@americanrivers.org

American Whitewater

Mark Singleton; (828) 586-1930

mark@americanwhitewater.org

Appalachian Mountain Club

Ken Kimball; **(no telephone listing)**

kkimball@outdoors.org

Conservation Law Foundation

Zak Griefen; (802) 223-5992

zgriefen@clf.org

Connecticut River Watershed Council

Andrea F. Donlon, M.S.; (413) 772-2020

crwc@ctriver.org

Pioneer Valley Chapter of Trout Unlimited

Gary Metras; **(no telephone listing)**

gmetras3324@charter.net

Trout Unlimited

Jeff Reardon; (207) 622-2273

jreardon@tu.org



Dwight Dam



Dwight Impoundment



Tailrace (on the left) with Powerhouse (on the right)



**Powerhouse
(with Substation on top of Powerhouse)**



Minimum Flow Discharge



**Gatehouse
(Downstream Side)**



**Power Canal
(Looking Downstream)**



Transformer



**Bypassed Reach
(Looking Upstream Toward Dam)**



Confluence of Tailrace and Spillway



**Intake Structure
(Includes Forebay, Penstocks & Trackracks)**



**Power Canal
(Looking Upstream)**



**Power Canal
(Looking Upstream)**



**Power Canal
(Looking Downstream)**



Nature Trail Next to Power Canal