

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

Updated 02/05/2016

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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 infoequform 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 Google Earth aerial photograph of the Dwight Project from the confluence of the Connecticut River with the Chicopee River to the Chicopee Falls Dam.
- A Google 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 Google 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,

Everose Schlüter, Ph.D.
Assistant Director

MASSWILDLIFE

Army Corps of Engineers¹

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Environmental Protection Agency

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Federal Energy Regulatory Commission

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Federal Energy Regulatory Commission – New York Regional Office

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

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Fish and Wildlife Service

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

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Fish and Wildlife Service

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

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National Marine Fisheries Service

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National Park Service, Rivers and Special Studies Branch

Kevin Mendik; (617) 223-5299

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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

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Massachusetts Division of Ecological Restoration

Russell Cohen; (617) 626-1543

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Massachusetts Division of Fisheries and Wildlife

Caleb Slater; (508) 389-6331

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Massachusetts Historical Commission (SHPO)

Brona Simon; (617) 727-8470

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American Rivers

Brian Graber; (202) 347-7550

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American Whitewater

Mark Singleton; (828) 586-1930

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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)**

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Trout Unlimited

Jeff Reardon; (207) 622-2273

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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