



STATE OF MAINE  
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY  
93 STATE HOUSE STATION  
AUGUSTA, MAINE  
04333-0093

PAUL R. LEPAGE  
GOVERNOR

WALTER E. WHITCOMB  
COMMISSIONER

April 29, 2015

James Coffin  
E.S. Coffin Engineering & Surveying, Inc.  
432 Cony Road  
Augusta, ME 04330

Re: Rare and exemplary botanical features in proximity to: Project 2015-083, Kennebec Professional Pharmacy, Medical Center Way, Augusta, Maine

Dear Mr. Coffin:

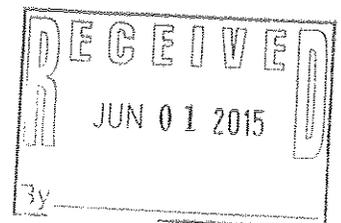
I have searched the Natural Areas Program's Biological and Conservation Data System files in response to your request received April 29, 2015 for information on the presence of rare or unique botanical features documented from the vicinity of the project site in Augusta, Maine. Rare and unique botanical features include the habitat of rare, threatened, or endangered plant species and unique or exemplary natural communities. Our review involves examining maps, manual and computerized records, other sources of information such as scientific articles or published references, and the personal knowledge of staff or cooperating experts.

Our official response covers only botanical features. For authoritative information and official response for zoological features you must make a similar request to the Maine Department of Inland Fisheries and Wildlife, 284 State Street, Augusta, Maine 04333.

According to the information currently in our Biological and Conservation Data System files, there are no rare botanical features documented specifically within the project area. This lack of data may indicate minimal survey efforts rather than confirm the absence of rare botanical features. You may want to have the site inventoried by a qualified field biologist to ensure that no undocumented rare features are inadvertently harmed.

If a field survey of the project area is conducted, please refer to the enclosed supplemental information regarding rare and exemplary botanical features documented to occur in the vicinity of the project site. The list may include information on features that have been known to occur historically in the area as well as recently field-verified information. While historic records have not been documented in several years, they may persist in the area if suitable habitat exists. The enclosed list identifies features with potential to occur in the area, and it should be considered if you choose to conduct field surveys.

This finding is available and appropriate for preparation and review of environmental assessments, but it is not a substitute for on-site surveys. Comprehensive field surveys do not exist for all natural areas in Maine, and in the absence of a specific field investigation, the Maine Natural Areas Program cannot provide a definitive statement on the presence or absence of unusual natural features at this site.



Letter to Jim Coffin  
Comments RE: Pharmacy, Augusta  
April 29, 2015  
Page 2 of 2

The Natural Areas Program is continuously working to achieve a more comprehensive database of exemplary natural features in Maine. We would appreciate the contribution of any information obtained should you decide to do field work. The Natural Areas Program welcomes coordination with individuals or organizations proposing environmental alteration, or conducting environmental assessments. If, however, data provided by the Natural Areas Program are to be published in any form, the Program should be informed at the outset and credited as the source.

The Natural Areas Program has instituted a fee structure of \$75.00 an hour to recover the actual cost of processing your request for information. You will receive an invoice for \$150.00 for two hours of our services.

Thank you for using the Natural Areas Program in the environmental review process. Please do not hesitate to contact me if you have further questions about the Natural Areas Program or about rare or unique botanical features on this site.

Sincerely,



Don Cameron  
Ecologist  
Maine Natural Areas Program  
207-287-8041  
[don.s.cameron@maine.gov](mailto:don.s.cameron@maine.gov)

**Rare and Exemplary Botanical Features within 4 miles of  
Project: 2015-083, Kennebec Professional Pharmacy, Medical Center Parkway,  
Augusta, Maine**

Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
<b>Adder's Tongue Fern</b>						
	SC	S1	G5	1924-07	8	Non-tidal rivershore (non-forested, seasonally wet), Open wetland, not coastal nor rivershore (non-forested, wetland), Old field/roadside (non-forested, wetland or upland)
<b>Alpine Rush</b>						
	SC	S3	G5T5?	1916-07-06	6	Non-tidal rivershore (non-forested, seasonally wet)
<b>American Ginseng</b>						
	E	S3	G3G4	1907-07-28	18	Hardwood to mixed forest (forest, upland)
<b>Awned Sedge</b>						
	E	S1	G5	2007-08-13	5	Coastal non-tidal wetland (non-forested, wetland)
	SC	S2	G5	2012-09-28	11	Non-tidal rivershore (non-forested, seasonally wet)
<b>Bottlebrush Grass</b>						
	SC	S3	G5	1905-08-05	11	Hardwood to mixed forest (forest, upland)
	SC	S3	G5	1916-08-18	12	Hardwood to mixed forest (forest, upland)
<b>Broad Beech Fern</b>						
	SC	S2	G5	1897-08-30	9	Hardwood to mixed forest (forest, upland)
<b>Dwarf Bulrush</b>						
	T	S1	G5	2003-10-03	6	Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>Fall Fimbry</b>						
	T	S2S3	G5	2003-10-03	20	Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>Foxtail Sedge</b>						
	PE	SH	G5	1916-07-06	2	Forested wetland
<b>Kettlehole Bog-pond Ecosystem</b>						

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Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
<b>Leatherleaf Bog</b>	<null>	S4	GNR	2013	2	Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>Lopseed</b>	<null>	S4	G5	1997-09-16	9	Open wetland, not coastal nor rivershore (non-forested, wetland), Coastal non-tidal wetland (non-forested, wetland)
<b>Mountain Honeysuckle</b>	PE	SH	G5	1916-08	4	Non-tidal rivershore (non-forested, seasonally wet), Hardwood to mixed forest (forest, upland)
<b>Pale Green Orchis</b>	E	S2	G5	1975-pre	1	Dry barrens (partly forested, upland), Hardwood to mixed forest (forest, upland)
<b>Raised Level Bog Ecosystem</b>	SC	S2	G4T4Q	1916-07-06	21	Non-tidal rivershore (non-forested, seasonally wet), Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>Sandbar Willow</b>	<null>	S4	GNR	2004	4	Forested wetland, Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>Showy Lady's-slipper</b>	E	S1	G5	2012-09-28	4	Non-tidal rivershore (non-forested, seasonally wet)
<b>Showy Orchis</b>	T	S3	G4	1903-06	33	Forested wetland, Open wetland, not coastal nor rivershore (non-forested, wetland)
	T	S3	G4	1874-07-04	36	Forested wetland, Open wetland, not coastal nor rivershore (non-forested, wetland)
<b>White Adder's-mouth</b>	E	S1	G5	1941	15	Hardwood to mixed forest (forest, upland)
	E	S1	G5	1915-08-12	12	Hardwood to mixed forest (forest, upland)

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Common Name	State Status	State Rank	Global Rank	Date Last Observed	Occurrence Number	Habitat
Wild Chervil	E	S1	G5	1878-06	15	Forested wetland
	PE	SH	G5	1936-07	4	Hardwood to mixed forest (forest, upland)
	PE	SH	G5	1916-08-18	3	Hardwood to mixed forest (forest, upland)
Wild Garlic	SC	S2	G5	1983-07-14	4	Forested wetland, Hardwood to mixed forest (forest, upland)

## STATE RARITY RANKS

- S1** Critically imperiled in Maine because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extirpation from the State of Maine.
- S2** Imperiled in Maine because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- S3** Rare in Maine (20-100 occurrences).
- S4** Apparently secure in Maine.
- S5** Demonstrably secure in Maine.
- SU** Under consideration for assigning rarity status; more information needed on threats or distribution.
- SNR** Not yet ranked.
- SNA** Rank not applicable.
- S#?** Current occurrence data suggests assigned rank, but lack of survey effort along with amount of potential habitat create uncertainty (e.g. S3?).

**Note:** **State Rarity Ranks** are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines State Rarity Ranks for animals.

## GLOBAL RARITY RANKS

- G1** Critically imperiled globally because of extreme rarity (five or fewer occurrences or very few remaining individuals or acres) or because some aspect of its biology makes it especially vulnerable to extinction.
- G2** Globally imperiled because of rarity (6-20 occurrences or few remaining individuals or acres) or because of other factors making it vulnerable to further decline.
- G3** Globally rare (20-100 occurrences).
- G4** Apparently secure globally.
- G5** Demonstrably secure globally.
- GNR** Not yet ranked.

**Note:** **Global Ranks** are determined by NatureServe.

## STATE LEGAL STATUS

**Note:** State legal status is according to 5 M.R.S.A. § 13076-13079, which mandates the Department of Conservation to produce and biennially update the official list of Maine's **Endangered** and **Threatened** plants. The list is derived by a technical advisory committee of botanists who use data in the Natural Areas Program's database to recommend status changes to the Department of Conservation.

- E** ENDANGERED; Rare and in danger of being lost from the state in the foreseeable future; or federally listed as Endangered.
- T** THREATENED; Rare and, with further decline, could become endangered; or federally listed as Threatened.

## NON-LEGAL STATUS

- SC** SPECIAL CONCERN; Rare in Maine, based on available information, but not sufficiently rare to be considered Threatened or Endangered.
- PE** Potentially Extirpated; Species has not been documented in Maine in past 20 years or loss of last known occurrence has been documented.

## ELEMENT OCCURRENCE RANKS - EO RANKS

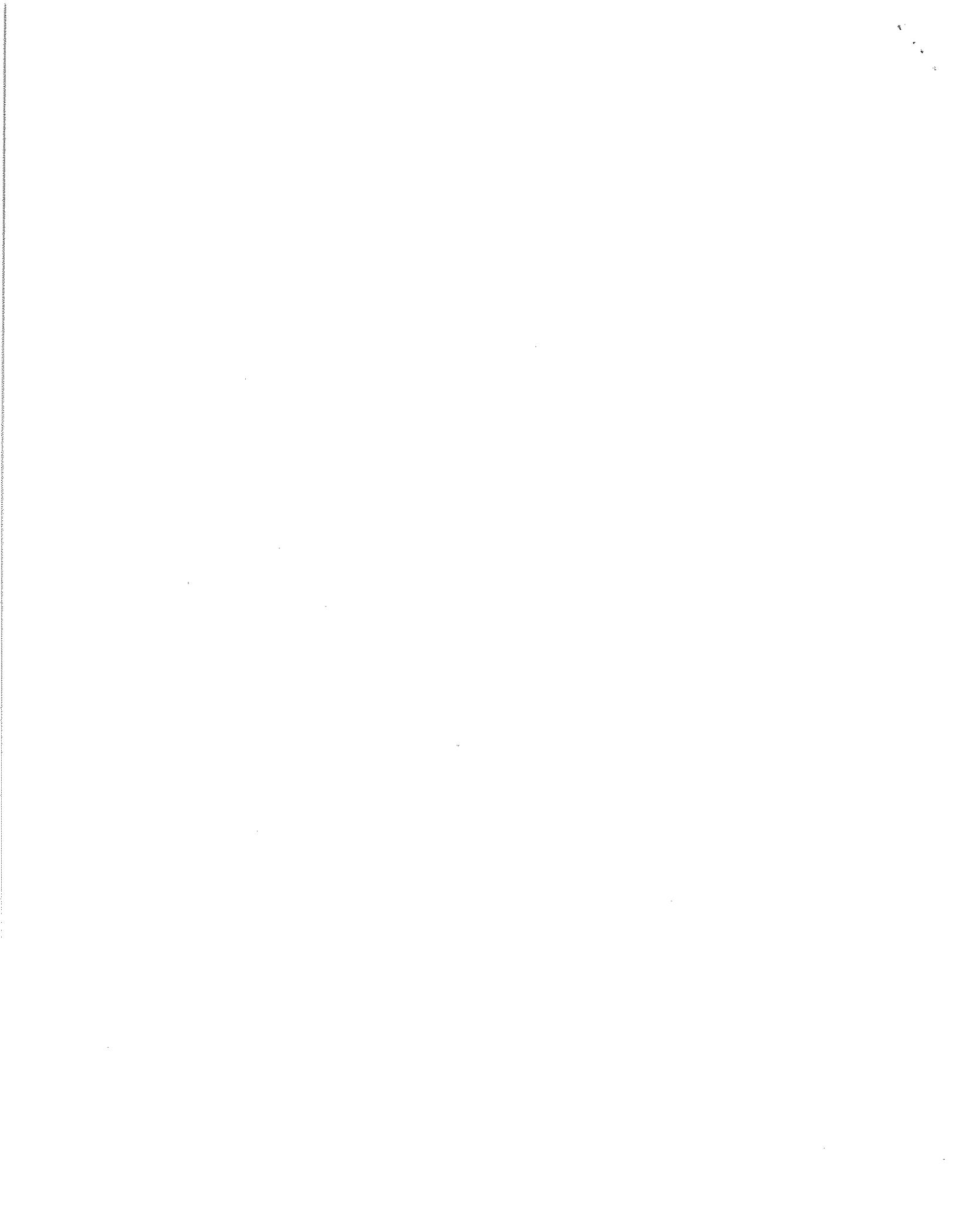
Element Occurrence ranks are used to describe the quality of a rare plant population or natural community based on three factors:

- **Size:** Size of community or population relative to other known examples in Maine. Community or population's viability, capability to maintain itself.
- **Condition:** For communities, condition includes presence of representative species, maturity of species, and evidence of human-caused disturbance. For plants, factors include species vigor and evidence of human-caused disturbance.
- **Landscape context:** Land uses and/or condition of natural communities surrounding the observed area. Ability of the observed community or population to be protected from effects of adjacent land uses.

These three factors are combined into an overall ranking of the feature of **A, B, C, or D**, where **A** indicates an **excellent** example of the community or population and **D** indicates a **poor** example of the community or population. A rank of **E** indicates that the community or population is **extant** but there is not enough data to assign a quality rank. The Maine Natural Areas Program tracks all occurrences of rare (S1-S3) plants and natural communities as well as A and B ranked common (S4-S5) natural communities.

**Note:** **Element Occurrence Ranks** are determined by the Maine Natural Areas Program for rare plants and rare and exemplary natural communities and ecosystems. The Maine Department of Inland Fisheries and Wildlife determines Element Occurrence ranks for animals.

Visit our website for more information on rare, threatened, and endangered species!  
<http://www.maine.gov/dacf/mnap>





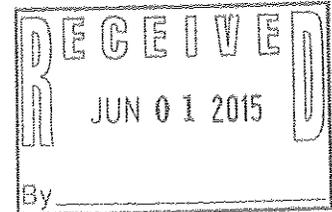
PAUL R. LEPAGE  
GOVERNOR

STATE OF MAINE  
DEPARTMENT OF  
INLAND FISHERIES & WILDLIFE  
284 STATE STREET  
41 STATE HOUSE STATION  
AUGUSTA ME 04333-0041

CHANDLER E. WOODCOCK  
COMMISSIONER

May 28, 2015

James Coffin  
E.S. Coffin Engineering & Surveying, Inc.  
432 Cony Road, PO Box 4687  
Augusta, ME 04330



**RE: Information Request - Kennebec Professional Pharmacy project, Augusta**

Dear Jim:

Per your request received May 04, 2015, we have reviewed current Maine Department of Inland Fisheries and Wildlife (MDIFW) information for known locations of Endangered, Threatened, and Special Concern species; designated Essential and Significant Wildlife Habitats; and fisheries habitat concerns within the vicinity of the *Kennebec Professional Pharmacy project* in Augusta.

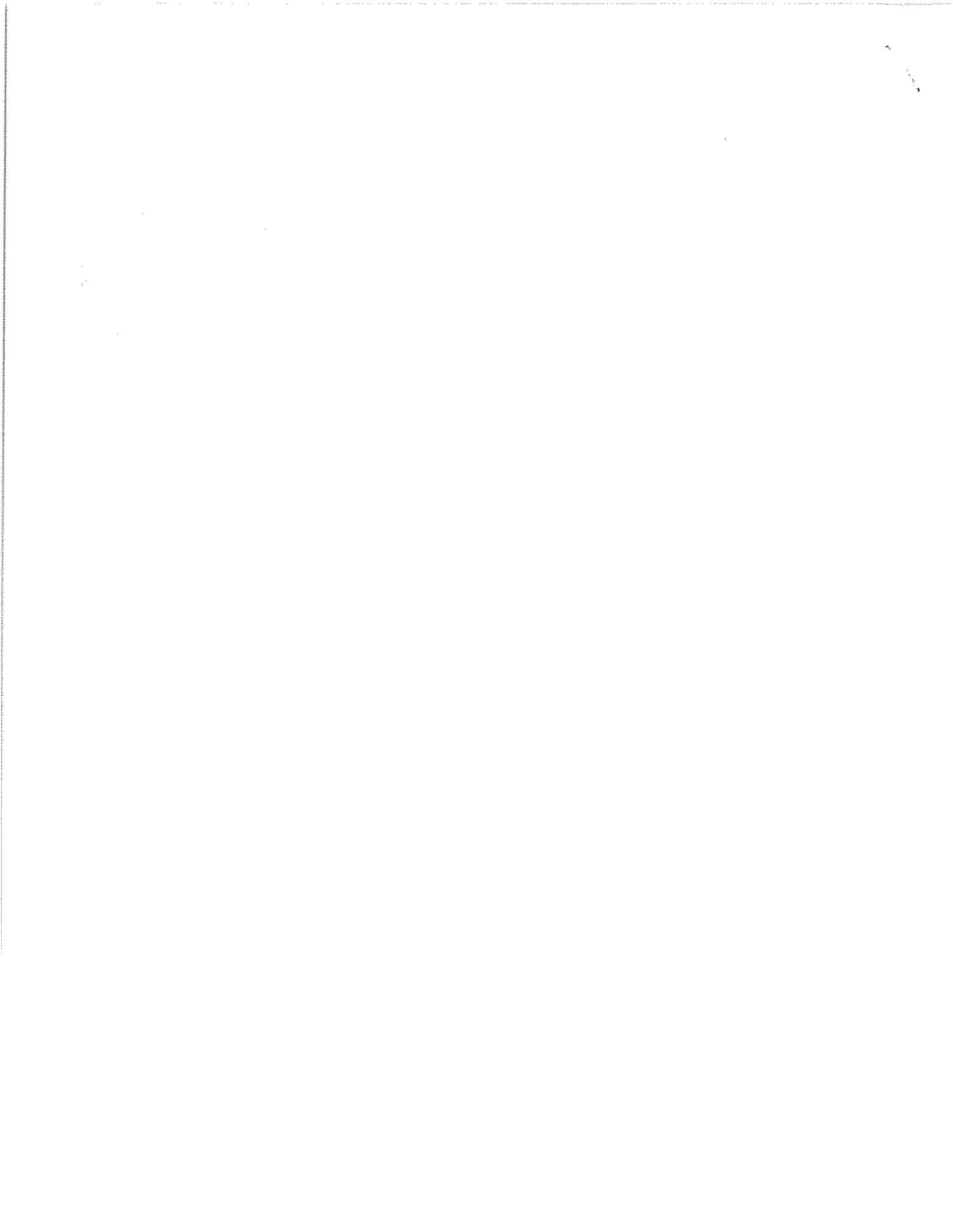
Our information indicates no locations of Endangered, Threatened, or Special Concern species within the project area. Additionally, our Department has not mapped any Essential or Significant Wildlife Habitats or fisheries habitats that would be directly affected by your project.

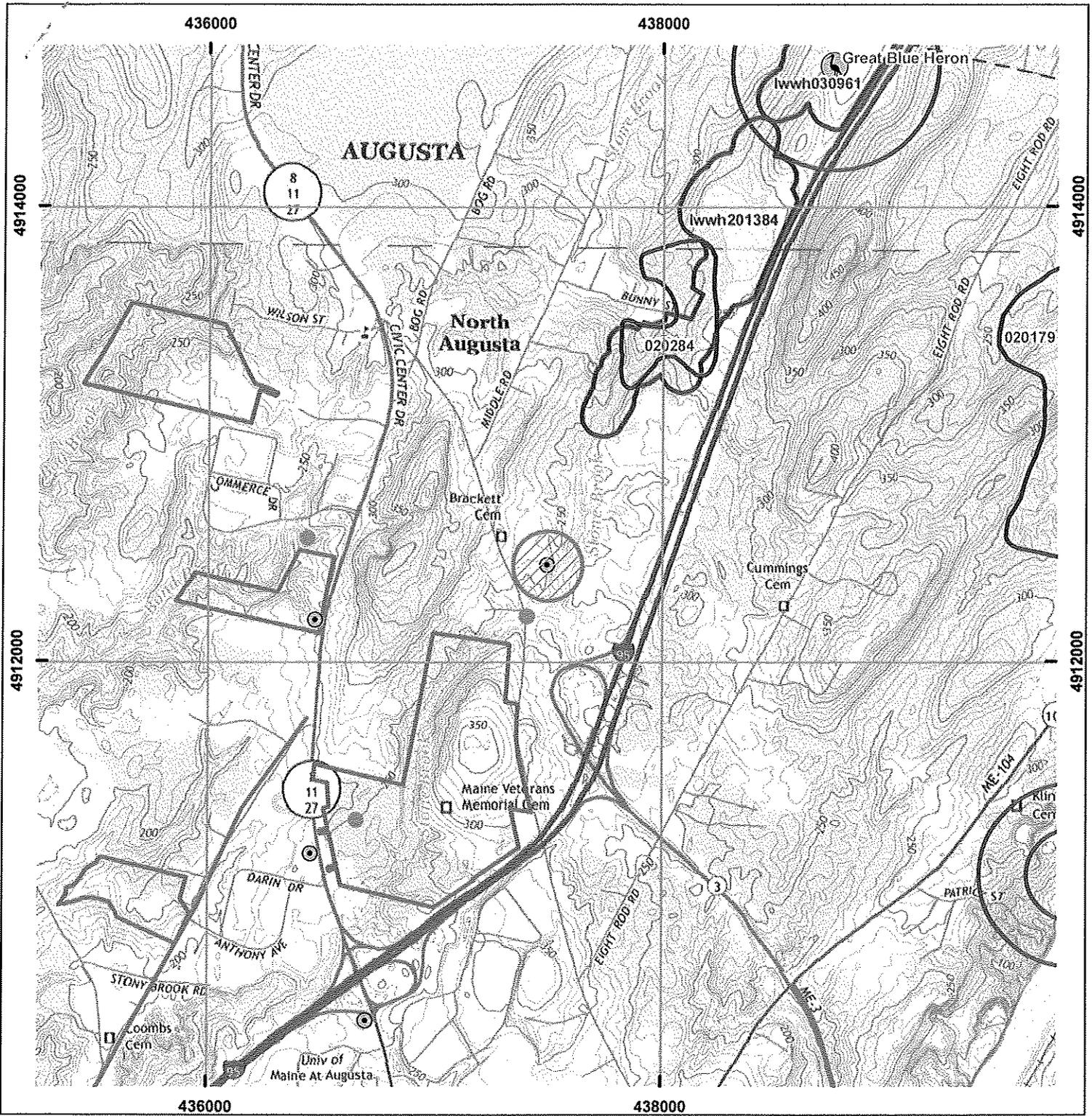
This consultation review has been conducted specifically for known MDIFW jurisdictional features and should not be interpreted as a comprehensive review for the presence of other regulated features that may occur in this area. Prior to the start of any future site disturbance we recommend additional consultation with the municipality, and other state resource agencies including the Maine Natural Areas Program and Maine Department of Environmental Protection in order to avoid unintended protected resource disturbance.

Please feel free to contact my office if you have any questions regarding this information, or if I can be of any further assistance.

Best regards,

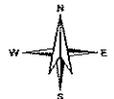
John Perry  
Environmental Review Coordinator



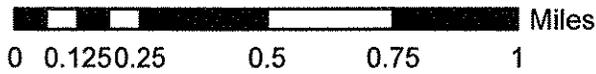


## Environmental Review of Fish and Wildlife Observations and Priority Habitats

Project Name: Augusta, Kennebec Professional Pharmacy project (Version 1)



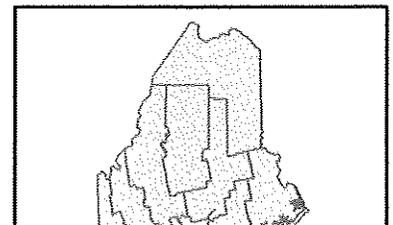
Maine Department of  
Inland Fisheries and Wildlife



Projection: UTM, NAD83, Zone 19N

Date: 5/7/2015

Project Points	Deer Winter Area	Roseate Tern
Project Lines	LURC p-fw	Piping Plover/Least Tern
Project Polys	Cooperative DWAs	Aquatic ETSc (2.5 mi review)
Project Search Areas	Seabird Nesting Islands	Rare Mussels (5 mi review)
	Shorebird Areas	Maine Heritage Fish Waters
	Inland Waterfowl/Wading Bird	Arctic Charr Habitat
	Cherland Zoning Iuvh	E-Block Trout Joint Venture Subwatershed Classification







ROBERT C. GREGOIRE  
Police Chief

AUGUSTA POLICE DEPARTMENT

33 Union Street  
Augusta, Maine  
04330



JARED J. MILLS  
Deputy Chief

May 18, 2015

James E. Coffin, P.E.  
Vice President  
E.S Coffin Engineering and Surveying  
P.O. Box 4687  
Augusta, Maine 04330

Mr. Coffin,

I have reviewed the proposal to develop a parcel of land shown in lot #2 on tax map #1 in the City of Augusta tax maps located off the Old Belgrade Road. I have no concerns or issues with the proposal.

Sincerely,

A handwritten signature in cursive script that reads "Robert C. Gregoire".

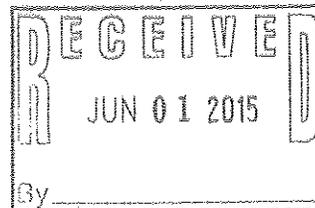
Robert C. Gregoire

City of Augusta and Sheriff's Office are not responsible for the accuracy of the information provided in this document. The City of Augusta and Sheriff's Office are not responsible for the accuracy of the information provided in this document.

cc: [illegible]

cc: [illegible]

Telephone (207) 626-2370  
Fax (207) 623-6047







**CITY OF  
AUGUSTA  
FIRE DEPARTMENT**

369 Water Street, Augusta, ME 04330 ♦ (207) 626-2421 ♦ (207) 626-2424 Fax

May 20, 2015

James E. Coffin, P.E.  
E.E. Coffin Engineering & Surveying, Inc.  
PO Box 4687 432 Cony Road  
Augusta, Maine 04330

Dear Jim,

I have reviewed your preliminary design for Kennebec Professional Pharmacy. The Fire Department requires the following items:

- Hydrant Location(s) to be determined.
- 4" Stortz F.D. connection required.
- Knox Box required at front entrance.
- Fire Alarm panel location inside front entrance.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger J. Audette".

Roger J. Audette, Fire Chief  
Augusta Fire Department

RJA/klp

