

c) Is there a pending NPDES application on file with EPA for this discharge? yes ☐ no ☒

If yes, date of submittal: _____ and permit number, if available _____

7. Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water.

Map attached? ☒

B. Discharge Information (attach additional sheets as needed):

1. Name of receiving water into which discharge will occur: DRAINAGE SWALE TO THE LITTLE RIVER

Freshwater ☒ Marine Water ☐

State Water Quality Classification Class B

Type of Receiving Water Body (e.g., stream, river, lake, reservoir, estuary, etc.) RIVER

2. Attach a line drawing or flow schematic showing water flow through the facility including sources of intake water, operations contributing to flow, treatment units, outfalls, and receiving water(s). **Line drawing or flow diagram attached?** ☒

3. Describe the discharge activities for which the owner/applicant is seeking coverage (e.g., building cooling, process line cooling, etc.) PRODUCTION LINE COOLING

4. Number of Outfalls 1 Latitude and Longitude to the nearest second for each Outfall. See EPA's siting tool at http://www.epa.gov/tri/reporting/siting_tool. Attach additional pages if necessary.

Outfall # 1 Latitude 43° 00' 8.2" Longitude 71° 00' 40.5"

Outfall # _____ Latitude _____ Longitude _____

Outfall # _____ Latitude _____ Longitude _____

5. For each Outfall provide the following discharge information:

Outfall # 1

a) Maximum Daily Flow 144,000 MGD Average Monthly Flow 67,000 MGD

NOTE: EPA will use the flow reported here as the facility's permitted effluent flow limit.

b) Maximum Daily Temperature 68 °F Average Monthly Temperature 59 °F

c) Maximum Monthly pH 7.6 s.u. Minimum Monthly pH 7.0 s.u.

d) Outfall's discharge is: continuous ☐ intermittent ☒ seasonal ☐

Outfall # _____

a) Maximum Daily Flow _____ MGD Average Monthly Flow _____ MGD

NOTE: EPA will use the flow reported here as the facility's permitted effluent flow limit.

b) Maximum Daily Temperature _____ °F Average Monthly Temperature _____ °F

c) Maximum Monthly pH _____ s.u. Minimum Monthly pH _____ s.u.

d) Outfall's discharge is: continuous ☐ intermittent ☐ seasonal ☐

Outfall # _____

a) Maximum Daily Flow _____ MGD Average Monthly Flow _____ MGD

NOTE: EPA will use the flow reported here as the facility's permitted effluent flow limit.

b) Maximum Daily Temperature _____ °F Average Monthly Temperature _____ °F

c) Maximum Monthly pH _____ s.u. Minimum Monthly pH _____ s.u.

d) Outfall's discharge is: continuous ☐ intermittent ☐ seasonal ☐

6. Is the source of the NCCW potable water? yes ☒ no ☐

If yes, EPA will calculate a Total Residual Chlorine effluent limit for your facility.

7. Provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water N/A MGD
Attach any calculation sheets used to support stream flow and/or dilution calculations.

8. For facilities that discharge to Massachusetts surface waters:

a) Submit the completed engineering calculation of the surface water temperature rise as shown in Attachment B of the General Permit. Calculation attached? ☐

b) Does the discharge occur in an Area of Critical Environmental Concern (ACEC)? yes ☐ no ☐

If yes, provide the name of ACEC _____

Note: See Part 3.4 and Appendix 1 of the General Permit for more information on ACEC.

C. Chemical Additives

1. Are any non-toxic neutralization and/or dechlorination chemicals used in the discharge(s)? yes ☐ no ☐

2. If yes, attach a listing of each chemical used. Include the chemical name and manufacturer; maximum and average daily quantity used on a monthly basis, as well as the maximum and average daily expected concentrations (mg/l) in the discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC₅₀ in percent for typically acceptable aquatic organism).

3. Was the listing submitted with the facility's 2008 NCCWGP NOI? yes ☐ no ☐

D. NCCW Source Water Information

1. State the source of the NCCW (e.g., municipal water supply, private well, surface water withdrawal, etc.).

Source THREE ONSITE GROUND WATER WELLS

Name of Source Water GROUND WATER

2. Is the source water registered/permitted under MA Water Management Act or NHDES User Registration Rule (ENV WQ 2202)? yes ☒ no ☐ If yes, registration number 20739-S01

3. If the source water is groundwater (non-municipal well water), see Appendix 9 of the General Permit and submit effluent (and receiving water hardness) test results, as required in Part 5.4 of the General Permit.

Test results attached? ☒

4. Does the facility use both a primary and backup source of NCCW? yes ☐ no ☒ If yes, **attach information** that identifies and explains the primary and backup sources of NCCW and how often the backup supply was used in the past three years.

E. Best Technology Available for Cooling Water Intake Structures (CWISs)

If the facility's discharge is covered by this General Permit and the facility **withdraws non-contact cooling water from a surface water**, you are subject to the BTA requirements at Part 4.2 of the General Permit.

1. Are you subject to the BTA requirements of the General Permit? yes ☐ no ☒

a) If no, explain SOURCE WATER IS NOT SURFACE WATER and skip to F.

b) If yes, was the facility-specific BTA description submitted with the facility's 2008 NCCW GP NOI?

yes ☐ no ☐

c) If yes, does that description accurately describe the facility current operations and practices? yes ☐ no ☐

2. If the facility is subject to the General Permit's BTA requirements and is requesting coverage under the NCCWGP for the first time, or if you answered "No" to question E.1.c. above, attach the facility-specific BTA description as required in Part 4.2 of the General Permit. For additional information and guidance, see Section IV of the Fact Sheet.

Include in your description:

- a) Measures to meet the General Permit Part 4.3.a general BTA requirements, including documentation that describes the facility's monitoring program for impinged fish and/or invertebrate; or the required alternative monitoring plan frequency and/or protocol.
- b) A characterization of the source water body's aquatic life habitat in the vicinity of each CWIS during the seasons when the CWIS may be in use.
- c) The attributes of the current CWIS.
- d) The design measures of the CWIS.
- e) The operation measures of the CWIS.
- f) The historical occurrence of impinged fish for the past five years.
- g) If applicable, a demonstration that the facility's intake rate is commensurate with a closed-cycle recirculation system.
- h) Other components to reduce impingement and/or entrainment of aquatic life.

3. Provide the following information for each CWIS to support your attached facility-specific BTA description:

- a) The design capacity of the of the CWIS _____MGD
- b) Maximum monthly average intake of the CWIS during the previous five years _____MGD
- c) The month in which this flow reported in 3.b. occurred _____
- d) The maximum through-screen design intake velocity _____feet/second (fps)

4. For facilities where the CWIS is located on a freshwater river or stream, provide the following information:

- a) The source water's annual mean flow in MGD as available from USGS or other appropriate source
_____MGD
- b) The design intake flow as a % of the source water's annual mean flow _____ %
Attach calculations if equal to or less than 5% of annual mean flow.
- c) The source water's 7Q10 _____MGD
- d) The design intake flow as a percent of the source water's 7Q10 _____%

5. Provide a map showing the location of each cooling water intake structure; NCCW Outfall(s) and CWIS features referred to in the BTA description. **Map attached?** ☐

F. Endangered Species Act Eligibility Information

Using the instructions in Appendix 2 of the NCCW GP, which of the following criteria apply to your facility? USFWS

Criteria: A ☒ B ☐ C ☐

1. If you selected USFWS criteria B, has consultation with the U.S. Fish and Wildlife Service been completed?
yes ☐ no ☐

2. If consultation with US Fish & Wildlife Service and/or NOAA Fisheries Service was completed, was a written concurrence finding that the discharge is "not likely to adversely affect" listed species or critical habitat received?
yes ☐ no ☐

3. Attach documentation of ESA eligibility for USFWS as required at Part 3.4 and Appendix 2 of the General Permit.

Documentation attached? ☒

Since this is an existing discharge, and no changes will be made to the facility or outfall, it is believed that no endangered species will be adversely affected by this discharge. NEI is currently awaiting confirmation from the New Hampshire Natural Heritage Bureau.

4. Please indicate if your facility **directly intakes water for non-contact cooling** from any of the following waterbodies:

- ☐ Merrimack River
- ☐ Connecticut River
- ☐ Piscataqua River
- ☐ Taunton River

EPA will consult with the National Marine Fisheries Service on cooling water intakes covered under this permit in areas (in the above waterbodies) of the endangered Shortnose Sturgeon and Atlantic Sturgeon.

G. National Historic Properties Act Eligibility

1. Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility site or in proximity to the discharge? yes ☐ no ☒

2. Have any State or Tribal Historic Preservation Officers been consulted in this determination? yes ☐ no ☒
If yes, attach the results of the consultation(s).

3. Which of the three National Historic Preservation Act scenarios listed in Appendix 3, Section C have you met?
☒ 1 ☐ 2 ☐ 3

H. Supplemental Information

Please provide any supplemental information, including antidegradation review information applicable to new or increased discharges. Attach any analytical data used to support the application. Attach any certification(s) required by the General Permit.

I. Signature Requirements

The NOI must be signed by the operator in accordance with the signatory requirements of 40 CFR § 122.22 (see below) including the following certification:

I certify under penalty of law that (1) no biocides or other chemical additives except for those used for pH adjustment and/or dechlorination are used in the noncontact cooling water (NCCW) system; (2) the discharge consists solely of NCCW (to reduce temperature) and authorized pH adjustment and/or dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product (other than heat) or finished product; (4) if the discharge of noncontact cooling water subsequently mixes with other wastewater (i.e. stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for noncontact cooling water; (5) where applicable, the facility has complied with the requirements of this permit specific to the Endangered Species Act and National Historic Preservation Act; and (6) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

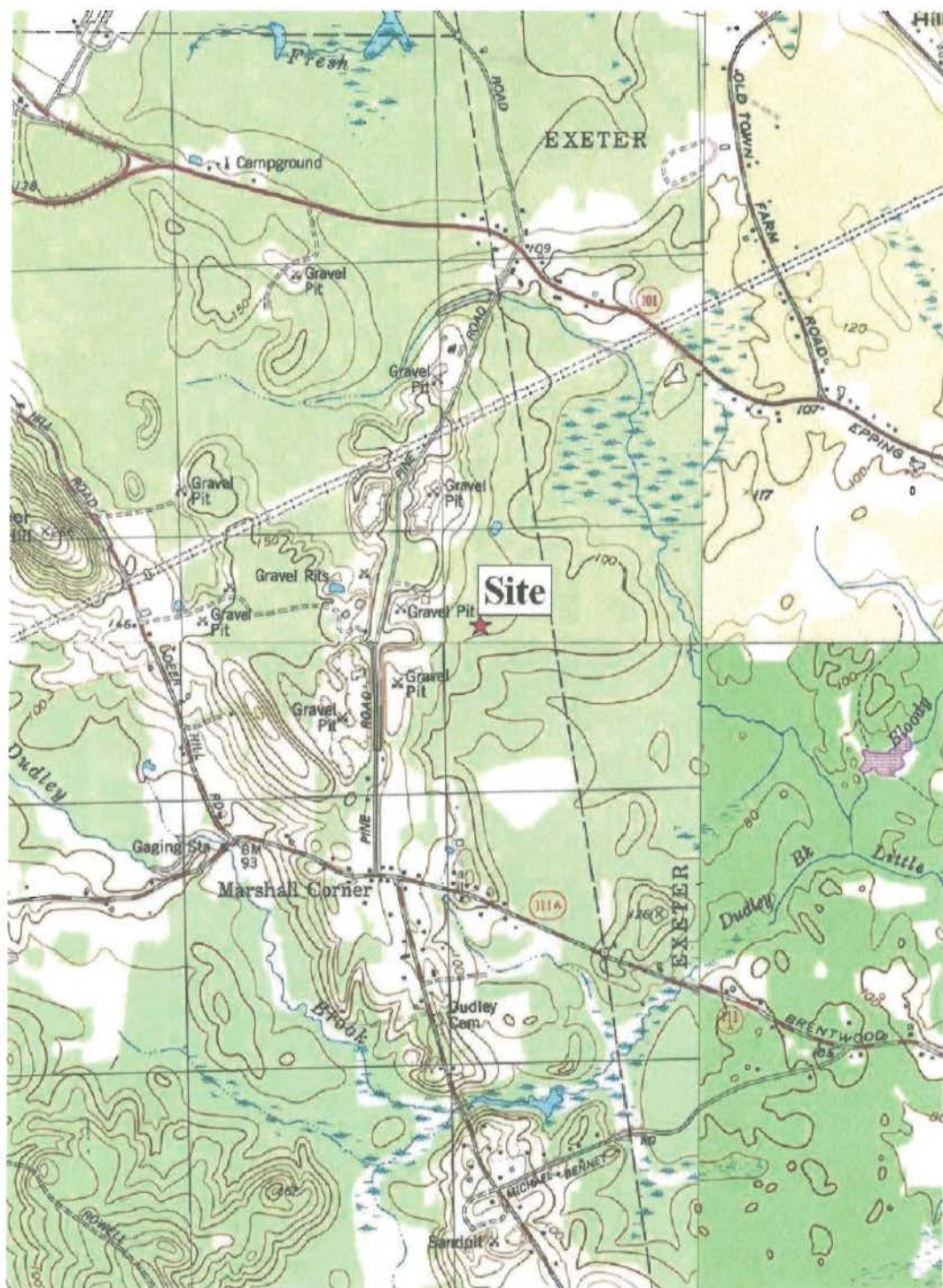
Signature _____ Date _____

Printed Name and Title TODD TUFTO / PLANT LEADER

Federal regulations require this application to be signed as follows:

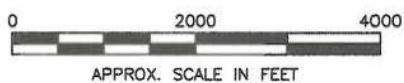
1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.

FIGURES



SOURCE:

USGS KINGSTON, NH QUADRANGLE



CLIENT: NORTHERN ELASTOMETRIC, INC.

PROJECT: NCCW GENERAL PERMIT NOI

TITLE: SITE LOCUS

DESIGNED: DFG DRAWN: STM CHECKED: DFG APPROVED: SLP

SCALE: 1" = 2000' DATE: 01/27/15 FILE NO.: 2810-LOCUS PROJECT NO.: 2810-016

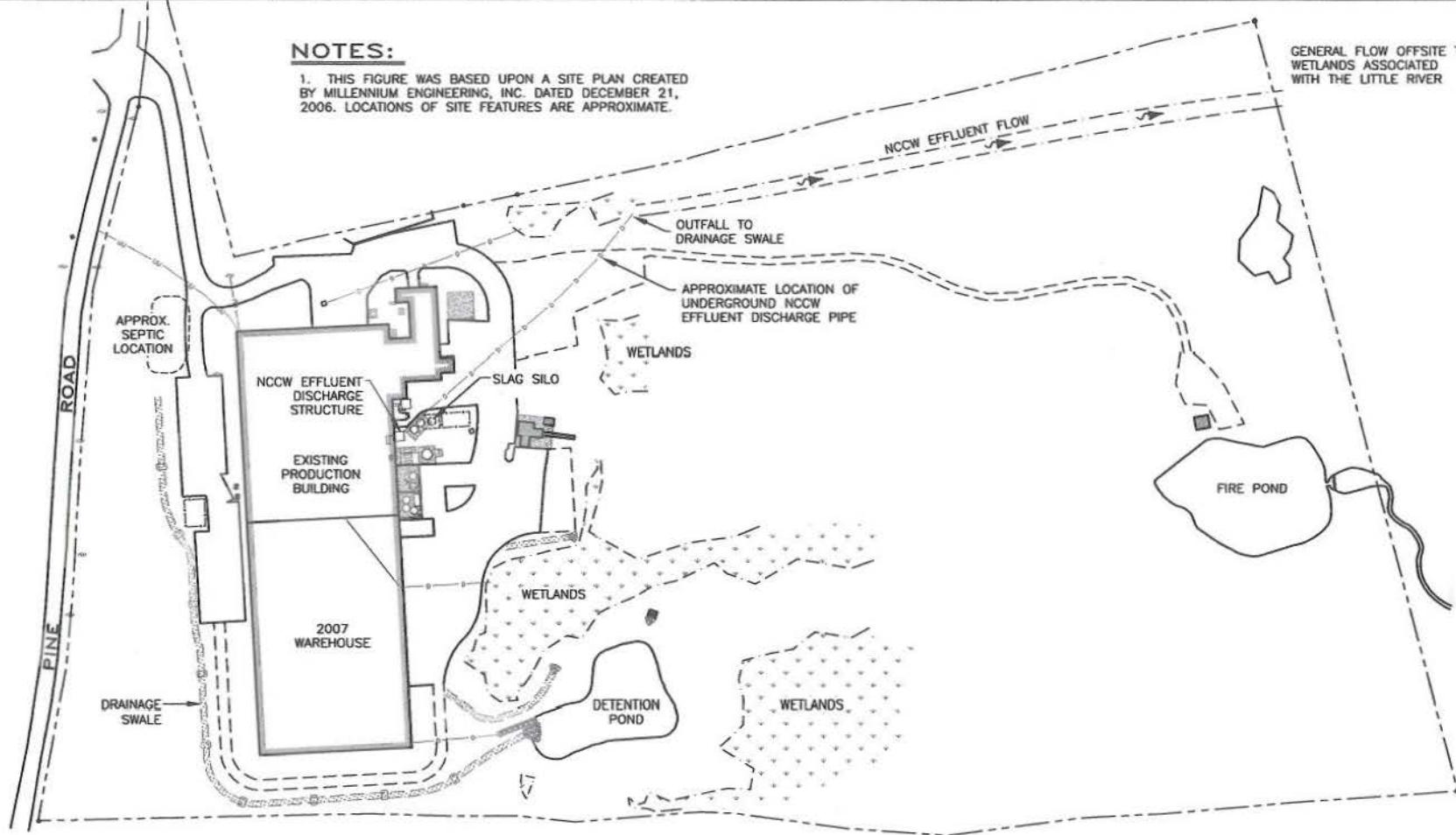


FIGURE NO.: 1

NOTES:

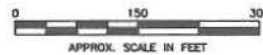
1. THIS FIGURE WAS BASED UPON A SITE PLAN CREATED BY MILLENNIUM ENGINEERING, INC. DATED DECEMBER 21, 2006. LOCATIONS OF SITE FEATURES ARE APPROXIMATE.

GENERAL FLOW OFFSITE TO WETLANDS ASSOCIATED WITH THE LITTLE RIVER



LEGEND

- PROPERTY BOUNDARY
- - - STORM WATER DRAIN LINE
- - - EDGE OF WETLANDS
- - - UNDERGROUND UTILITY
- - - FENCE



CLIENT: NORTHERN ELASTOMERIC INC.			
PROJECT: 61 PINE ROAD BRENTWOOD, NEW HAMPSHIRE			
TITLE: SITE PLAN			
DESIGNED: DFG	DRAWN: STM	CHECKED: DFG	APPROVED: SLP
SCALE: 1" = 150'	DATE: 01/27/15	FILE NO.: 28100030	PROJECT NO.: 2810-016


GeoInsight
Practical in Nature

FIGURE NO.: 2

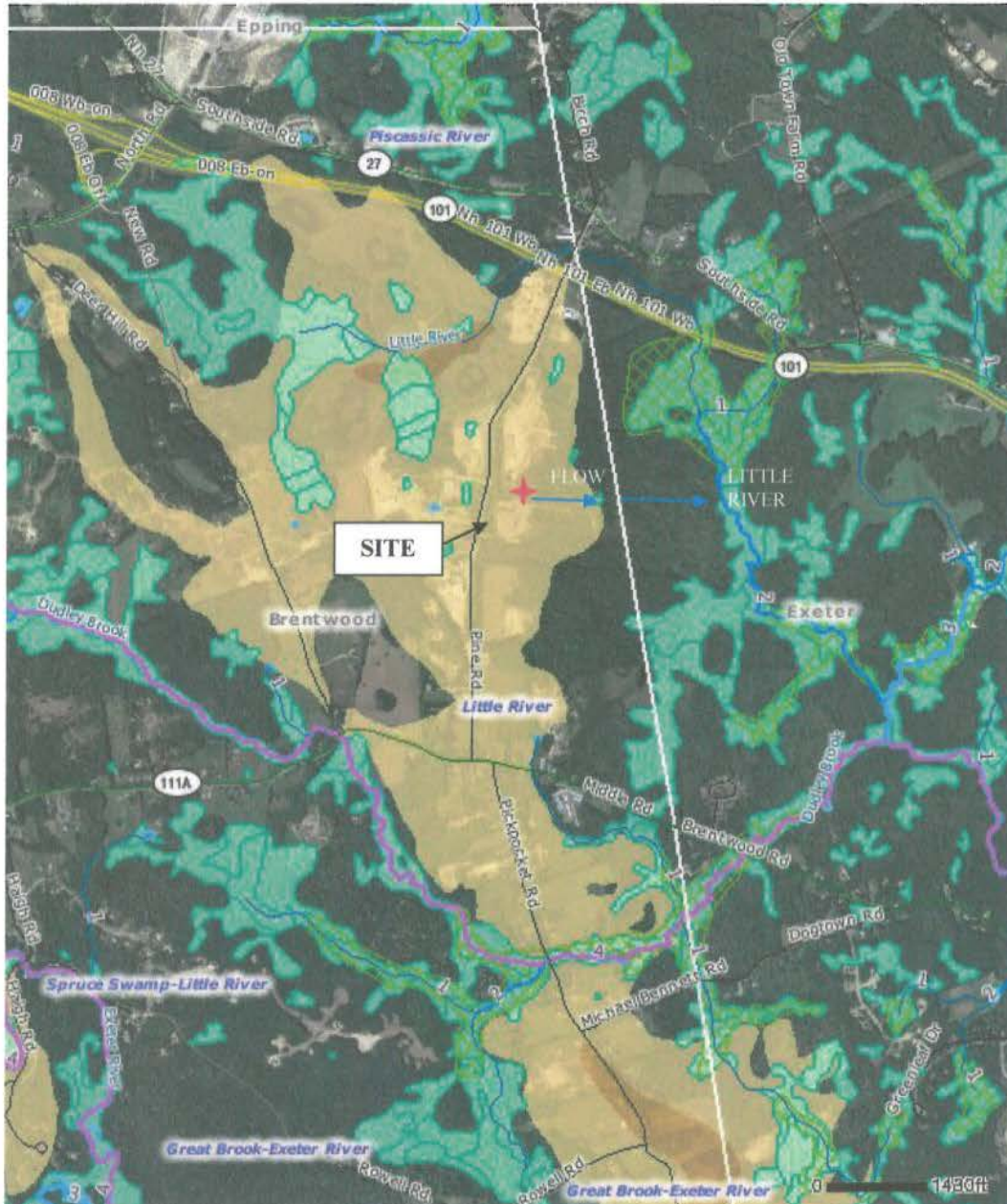
ATTACHMENT A

NOI FORM

ATTACHMENT B

***NH GRANIT* GEOGRAPHIC INFORMATION SYSTEM DATABASE PRINTOUT**

ATTACHMENT B
GRANIT GIS DATABASE PRINTOUT
HYDROLOGY IN THE VICINITY OF THE FACILITY
NORTHERN ELASTOMERIC, INC.
61 PINE ROAD
BRENTWOOD, NEW HAMPSHIRE



★ = Discharge point.

NH GRANIT DATA MAPPER

Water Resources:



Data Sources

All data are maintained and/or distributed by NH GRANIT. See www.granit.unh.edu for detailed documentation on individual data layers.

Digital data in NH GRANIT represent the efforts of the contributing agencies to record information from the cited source materials. Complex Systems Research Center, under contract to the NH Office of Energy and Planning, and in consultation with cooperating agencies, maintains a continuing program to identify and correct errors in these data. OEP, CSRC, and the cooperating agencies make no claim as to the validity or reliability or to any implied uses of these data.

ATTACHMENT C

LABORATORY ANALYTICAL REPORT

Laboratory Report

Luke Sanborn
GeoInsight, Inc.
25 Sundial Avenue
Suite 515 West
Manchester, NH 03103

PO Number: None
LabID: 15291
Date Received: 9/22/08

Project: 2810-001 NEI

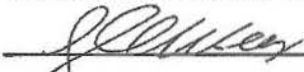
Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Resource Laboratories, LLC

 (for)
Susan Sylvester
Principal, General Manager

9/26/08
Date

Total number of pages 3

Resource Laboratories, LLC Certifications

New Hampshire 1732
Maine NH903

Massachusetts M-NH902

Project ID: 2810-001 NEI

Lab ID: 15291

Lab Number: 15291-001

Sample ID: NCCW-Eff (092208)

Matrix: Water

Sampled: 9/22/08 8:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
Antimony	< 0.006	0.006	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Arsenic	0.009	0.008	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Cadmium	< 0.005	0.005	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Chromium	< 0.05	0.05	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Copper	< 0.05	0.05	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Iron	0.13	0.05	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0802575	9/23/08		E245.1
Nickel	< 0.05	0.05	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Silver	< 0.007	0.007	mg/L	1	BJS		1701	9/22/08	19:33	E200.7
Zinc	< 0.05	0.05	mg/L	1	BJS		1701	9/22/08	19:33	E200.7

Lab Number: 15291-001

Sample ID: NCCW-Eff (092208)

Matrix: Water

Sampled: 9/22/08 8:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
Chloride	22	0.5	mg/L	1	JLZ		0802590	9/23/08	16:12	E300.0A
Chromium, Hexavalent	< 0.01	0.01	mg/L	1	APA		0802582	9/24/08		SM3500CrB

RL Resource Laboratories, LLC
124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

15291

ANALYSIS REQUEST

Company Name: GeoInsight	Project Name: NET
Company Address: NH office	Project #: 2810-001
Report To: Luke Sanborn	Project Location: (NH) MA ME VT Other
Phone #: 603.314.0820	Protocol: RCRA MCP SDWA NHDES (NPDES) OTHER
Invoice To:	Reporting Limits: QAPP EPA DW GW-1 Other
	Quote # _____
	PO # _____

[illegible]**TAT REQUESTED**

Priority (24 hr)** ☐
Expedited (48 hr)** ☒
Standard ☐
(10 Business Days)

**Date Needed

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

② preservative is a "buffer" for Cr VI analysis.

① Metals sample is for total recoverable, and was not field filtered.

REPORTING INSTRUCTIONS

☐ NO HARD COPY REQUIRED☐ FAX☐ EXCEL SPREADSHEETRECEIVED ON ICE ☒ YES ☐ NO

☒ PDF (e-mail address)

Date	06-22-08
------	----------

Time
0930

Received by: [Signature]

e | Date
09.27.09

Time
0930

Relinquished by:

Date
09.22.09

Time
09:5

Received by:

	Date
--	------

Time

Relinquished by:

Date	
------	--

Time

Received by Laboratory
Way Bill#

Date 9/22/0

Time
095

Way Bill

CUSTODY RECORD

ATTACHMENT D
ENDANGERED SPECIES ACT REPORTS



U.S. Fish and Wildlife Service

Trust Resources List

This resource list is to be used for planning purposes only — it is not an official species list.

Endangered Species Act species list information for your project is available online and listed below for the following FWS Field Offices:

New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
(603) 223-2541
<http://www.fws.gov/newengland>

Project Name:

NEI NCCW GP NOI



U.S. Fish and Wildlife Service

Trust Resources List

Project Location Map:



Project Counties:

Rockingham, NH

Geographic coordinates (Open Geospatial Consortium Well-Known Text, NAD83):

MULTIPOLYGON (((-71.0134737 43.0035358, -71.0133478 43.0029146, -71.0131722 43.0022875, -71.0070014 43.0029981, -71.0067818 42.9997211, -71.0112021 43.0000114, -71.01441 43.0001758, -71.0134737 43.0035358)))

Project Type:

** Other **



Trust Resources List

Endangered Species Act Species List ([USFWS Endangered Species Program](#))

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fishes may appear on the species list because a project could cause downstream effects on the species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section below for critical habitat that lies within your project area. Please contact the designated FWS office if you have questions.

Species that should be considered in an effects analysis for your project:

Flowering Plants	Status		Has Critical Habitat	Contact
Small Whorled pogonia (<i>Isotria medeoloides</i>)	Threatened	species info		New England Ecological Services Field Office

Critical habitats within your project area:

There are no critical habitats within your project area.

FWS National Wildlife Refuges ([USFWS National Wildlife Refuges Program](#))

There are no refuges found within the vicinity of your project.

FWS Migratory Birds ([USFWS Migratory Bird Program](#))

The protection of birds is regulated by the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA). Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. For more information regarding these Acts see: <http://www.fws.gov/migratorybirds/RegulationsandPolicies.html>.

All project proponents are responsible for complying with the appropriate regulations protecting birds when planning and developing a project. To meet these conservation obligations, proponents should identify potential or existing project-related impacts to migratory birds and their habitat and develop and implement conservation measures that avoid, minimize, or compensate for these impacts. The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without



Trust Resources List

additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

For information about Birds of Conservation Concern, go to:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html>.

To search and view summaries of year-round bird occurrence data within your project area, go to the Avian Knowledge Network Histogram Tool links in the Bird Conservation Tools section at: <http://www.fws.gov/migratorybirds/CCMB2.htm>.

For information about conservation measures that help avoid or minimize impacts to birds, please visit:

<http://www.fws.gov/migratorybirds/CCMB2.htm>.

Migratory birds of concern that may be affected by your project:

There are 17 birds on your Migratory birds of concern list. The underlying data layers used to generate the migratory bird list of concern will continue to be updated regularly as new and better information is obtained. User feedback is one method of identifying any needed improvements. Therefore, users are encouraged to submit comments about any questions regarding species ranges (e.g., a bird on the USFWS BCC list you know does not occur in the specified location appears on the list, or a BCC species that you know does occur there is not appearing on the list). Comments should be sent to [the ECOS Help Desk](#).

Species Name	Bird of Conservation Concern (BCC)	Species Profile	Seasonal Occurrence in Project Area
American Oystercatcher (<i>Haematopus palliatus</i>)	Yes	species info	Breeding
American bittern (<i>Botaurus lentiginosus</i>)	Yes	species info	Breeding
Bald eagle (<i>Haliaeetus leucocephalus</i>)	Yes	species info	Year-round
Black-billed Cuckoo (<i>Coccyzus erythrophthalmus</i>)	Yes	species info	Breeding
Blue-winged Warbler (<i>Vermivora pinus</i>)	Yes	species info	Breeding
Canada Warbler (<i>Wilsonia canadensis</i>)	Yes	species info	Breeding



Trust Resources List

Great Cormorant (<i>Phalacrocorax carbo</i>)	Yes	species info	Wintering
Hudsonian Godwit (<i>Limosa haemastica</i>)	Yes	species info	Migrating
Least Bittern (<i>Ixobrychus exilis</i>)	Yes	species info	Breeding
Olive-Sided flycatcher (<i>Contopus cooperi</i>)	Yes	species info	Breeding
Peregrine Falcon (<i>Falco peregrinus</i>)	Yes	species info	Breeding
Pied-billed Grebe (<i>Podilymbus podiceps</i>)	Yes	species info	Breeding
Prairie Warbler (<i>Dendroica discolor</i>)	Yes	species info	Breeding
Purple Sandpiper (<i>Calidris maritima</i>)	Yes	species info	Wintering
Short-eared Owl (<i>Asio flammeus</i>)	Yes	species info	Wintering
Snowy Egret (<i>Egretta thula</i>)	Yes	species info	Breeding
Wood Thrush (<i>Hylocichla mustelina</i>)	Yes	species info	Breeding

NWI Wetlands ([USFWS National Wetlands Inventory](#)).

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

Data Limitations, Exclusions and Precautions

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level



Trust Resources List

information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery and/or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Exclusions - Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Precautions - Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

The following wetland types intersect your project area in one or more locations:

Wetland Types	NWI Classification Code	Total Acres
Freshwater Pond	PUBHx	0.4342

ENDANGERED AND THREATENED

Wildlife of New Hampshire

ENDANGERED



BLANDING'S TURTLE (NHFG)

Endangered wildlife are those native species that are in danger of extinction in New Hampshire because of a loss or change in habitat, over-exploitation, predation, competition, disease, disturbance or contamination. Assistance is needed to ensure these species' continued existence as viable members of the state's wildlife community.



PIPING PLOVER (NHFG)

INVERTEBRATES

Dwarf wedge mussel, *Alasmodonta heterodon***
 Brook floater mussel, *Alasmodonta varicosa*
 Ringed boghaunter, *Williamsonia lintneri*
 Cobblestone tiger beetle, *Cicindela marginipennis*
 Puritan tiger beetle, *Cicindela puritana**
 Frosted elfin butterfly, *Callophrys irus*
 Karner blue butterfly, *Lycaeides melissa samuelis***
 White Mountain fritillary, *Boloria titania montinus*
 Persius duskywing skipper, *Erynnis persius*

FISH

American brook lamprey, *Lethenteron appendix*
 Shortnose sturgeon, *Acipenser brevirostrum***

REPTILES

Blanding's turtle, *Emydoidea blandingii*
 Eastern hognose snake, *Heterodon platirhinos*
 Timber rattlesnake, *Crotalus horridus*

AMPHIBIANS

Marbled salamander, *Ambystoma opacum*

BIRDS

Northern harrier, *Circus cyaneus*
 Golden eagle, *Aquila chrysaetos*
 Common nighthawk, *Chordeiles minor*
 Piping plover, *Charadrius melodus**
 Upland sandpiper, *Bartramia longicauda*
 Roseate tern, *Sterna dougallii***
 Least tern, *Sterna antillarum*
 Sedge wren, *Cistothorus platensis*

MAMMALS

Small-footed bat, *Myotis leibii*
 New England cottontail, *Sylvilagus transitionalis*
 Canada lynx, *Lynx canadensis**
 Gray wolf, *Canis lupus***

* Federally Threatened ** Federally Endangered

THREATENED



COMMON TERN (NHFG)

Threatened wildlife are those native species that are likely to become endangered in the near future, if conditions surrounding them begin, or continue, to decline.



AMERICAN MARTEN (NHFG)

INVERTEBRATES

Pine pinion moth, *Lithophane lepida lepida*
 White Mountain arctic, *Oeneis melissa semidea*

FISH

Bridle shiner, *Notropis bifrenatus*

REPTILES

Spotted turtle, *Clemmys guttata*
 Black racer, *Coluber constrictor*

AMPHIBIANS (none)

BIRDS

Pied-billed grebe, *Podilymbus podiceps*
 Common loon, *Gavia immer*
 Bald eagle, *Haliaeetus leucocephalus*
 Peregrine falcon, *Falco peregrinus*
 Common tern, *Sterna hirundo*
 American three-toed woodpecker, *Picoides dorsalis*
 Grasshopper sparrow, *Ammodramus savannarum*

MAMMALS

American marten, *Martes americana*

History of Endangered Wildlife Protection in New Hampshire

- 1973** – The Endangered Species Act, a federal law, was passed. It protects wildlife and plant species in danger of nationwide extinction.
- 1979** – The New Hampshire Endangered Species Conservation Act was passed, giving New Hampshire Fish and Game Department the authority to protect wildlife in danger of becoming extinct in New Hampshire.
- 1980** – The first list of New Hampshire threatened and endangered wildlife was created.
- 1987 & 2000** – The New Hampshire threatened and endangered wildlife list was revised.
- 2006** – The first New Hampshire Wildlife Action Plan took effect.
- 2008** – The current New Hampshire threatened and endangered wildlife list took effect on 9/20/08.

The list of New Hampshire's endangered and threatened wildlife is maintained by the New Hampshire Fish and Game Department. The list is used to determine protection and management actions necessary to ensure the survival of the state's endangered and threatened wildlife. State and federal agencies and numerous New Hampshire nonprofit conservation organizations work cooperatively to protect and manage the state's wildlife. The Fish and Game Department has legal authority regarding all wildlife, game, nongame and endangered or threatened species.

This work is made possible through federal grants, the sale of N.H. Conservation License Plates (moose plates) and private contributions. Donations to the Nongame Program are matched by state dollars. With your help we are able to protect New Hampshire's wildlife.

For more information about the Nongame and Endangered Wildlife Program, to report a sighting of endangered or threatened wildlife, or to make a contribution, contact:



Nongame and Endangered Wildlife Program

New Hampshire Fish and Game Department

11 Hazen Drive, Concord, NH 03301

(603) 271-2461

www.WildNH.com



**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN NEW HAMPSHIRE**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Belknap	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Meredith, Alton and Laconia
Carroll	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Albany, Brookfield, Eaton, Effingham, Madison, Ossipee, Wakefield and Wolfeboro
Coos	Canada Lynx	Threatened	Regenerating softwood forest, usually with a high density of snowshoe hare.	All Towns
	Dwarf wedgemussel	Endangered	Connecticut River main channel and Johns River	Northumberland, Lancaster and Dalton
Cheshire	Dwarf wedgemussel	Endangered	S. Branch Ashuelot River and Ashuelot River	Swanzy, Keene and Surry
Grafton	Dwarf wedgemussel	Endangered	Connecticut River main channel	Haverhill, Piermont, Orford and Lyme
	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Holderness
Hillsborough	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Manchester, Weare
Merrimack	Karner Blue Butterfly	Endangered	Pine Barrens with wild blue lupine	Concord and Pembroke
	Small whorled Pogonia	Threatened	Forests	Bow, Danbury, Epsom, Loudon, Warner and Allenstown
Rockingham	Piping Plover	Threatened	Coastal Beaches	Hampton and Seabrook
	Roseate Tern	Endangered	Atlantic Ocean and nesting at the Isle of Shoals	
	Small whorled Pogonia	Threatened	Forests	Deerfield, Northwood, Nottingham, and Epping
Strafford	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Middleton, New Durham, Milton, Farmington, Strafford, Barrington, and Madbury
Sullivan	Northeastern bulrush	Endangered	Wetlands	Acworth, Charlestown, Langdon
	Dwarf wedgemussel	Endangered	Connecticut River main channel	Plainfield, Cornish, Claremont and Charlestown
	Jesup's milk-vetch	Endangered	Banks of the Connecticut River	Plainfield and Claremont

-Eastern cougar, gray wolf and Puritan tiger beetle are considered extirpated in New Hampshire.

-Endangered gray wolves are not known to be present in New Hampshire, but dispersing individuals from source populations in Canada may occur statewide.-There is no federally-designated Critical Habitat in New Hampshire

ATTACHMENT E

NATIONAL REGISTER OF HISTORIC PLACES

National Register of Historic Places

National Register Documentation on Listed Properties

Note: Not all National Register properties have been digitized yet

Reference Number	State	County	City	Resource Name	Address	Listed Date	Text Click me	Photo Click me
87002069	NEW HAMPSHI	Rockingham	Epping	Prescott, Benjamin Franklin, House	Prescott Rd.	19871203	Text	Photo
82000625	NEW HAMPSHI	Rockingham	Epping	Watson Academy	Academy St.	19821109	Text	Photo
71000051	NEW HAMPSHI	Rockingham	Exeter	Dudley House	14 Front St.	19710621	Text	Photo
80000299	NEW HAMPSHI	Rockingham	Exeter	Exeter Waterfront Commercial Historic District	Chestnut Hill Ave., Water, Franklin, Pleasant, High and Chestnut Sts.	19801203	Text	Photo
86003516	NEW HAMPSHI	Rockingham	Exeter	Exeter Waterfront Commercial Historic District (Boundary Increase)	Chestnut St.	19861229	Text	Photo
71000052	NEW HAMPSHI	Rockingham	Exeter	First Church	21 Front St.	19710910	Text	Photo
73000270	NEW HAMPSHI	Rockingham	Exeter	Front Street Historic District	Front St. to the jct. of Spring and Water Sts.	19730705	Text	Photo
76000131	NEW HAMPSHI	Rockingham	Exeter	Gilman Garrison House	12 Water St.	19760927	Text	Photo
88000659	NEW HAMPSHI	Rockingham	Exeter	Gilman, Maj. John, House	25 Cass St.	19880614	Text	Photo
74002055	NEW HAMPSHI	Rockingham	Exeter	Ladd--Gilman House	Governors Lane and Water St.	19741202	Text	Photo
85002184	NEW HAMPSHI	Rockingham	Exeter	Moses--Kent House	1 Pine St.	19850912	Text	Photo
80000304	NEW HAMPSHI	Rockingham	Exeter	Sewall, Edward, Garrison	16 Epping Rd.	19800111	Text	Photo
80000306	NEW HAMPSHI	Rockingham	Exeter	Tenney, Samuel, House	65 High St.	19801125	Text	Photo
93000461	NEW HAMPSHI	Rockingham	Fremont	Fremont Meeting House	464 Main St.	19930527	Text	Photo
71000050	NEW HAMPSHI	Rockingham	Kingston	Bartlett, Josiah, House	Main St.	19711111	Text	Photo
79000204	NEW HAMPSHI	Rockingham	Kingston	First Universalist Church	Main St.	19791226	Text	Photo
81000076	NEW HAMPSHI	Rockingham	Kingston	Nichols Memorial Library	Main St.	19810128	Text	Photo
84003233	NEW HAMPSHI	Rockingham	Kingston	Sanborn Seminary	178 Main St.	19840315	Text	Photo

National Register of Historic Places

National Historic Landmarks Documentation

Note: Not all NHLs have been digitized yet

Reference Number	State	County	City	Resource Name	Address	Date Listed on NR	Text Click me	Photos Click me
71000050	NEW HAMPSHIRE	Rockingham	Kingston	Bartlett, Josiah, House	Main St.	19711111	Text	Photos
68000008	NEW HAMPSHIRE	Rockingham	Derry	Frost, Robert, Homestead	2 mi. SE of Derry	19680523	Text	Photos
68000009	NEW HAMPSHIRE	Rockingham	Portsmouth	Jackson, Richard, House	Northwest St.	19681124	Text	Photos
72000084	NEW HAMPSHIRE	Rockingham	Portsmouth	Jones, John Paul, House	Middle and State Sts.	19721128	Text	Photos
74002055	NEW HAMPSHIRE	Rockingham	Exeter	Ladd--Gilman House	Governors Lane and Water St.	19741202	Text	Photos
74000197	NEW HAMPSHIRE	Rockingham	Portsmouth	Langdon, Gov. John, Mansion	143 Pleasant St.	19741202	Text	Photos
66000028	NEW HAMPSHIRE	Rockingham	Portsmouth	MacPheadris--Warner House	Chapel and Daniel Sts.	19661015	Text	Photos
68000010	NEW HAMPSHIRE	Rockingham	Portsmouth	Moffatt--Ladd House	154 Market St.	19681124	Text	Photos
71000053	NEW HAMPSHIRE	Rockingham	Derry Village	Thornton, Matthew, House	2 Thornton St.	19711111	Text	Photos
89001077	NEW HAMPSHIRE	Rockingham	Portsmouth	USS ALBACORE	Portsmouth Maritime Museum	19890411	Text	Photos
68000011	NEW HAMPSHIRE	Rockingham	Portsmouth	Wentworth--Coolidge Mansion	2 mi. S of Portsmouth, off US 1A	19681124	Text	Photos
68000012	NEW HAMPSHIRE	Rockingham	Portsmouth	Wentworth--Gardner House	140 Mechanic St.	19681124	Text	Photos

National Register of Historic Places

Multiple Property Documentation

Note: Not all Multiples have been digitized yet

Reference Number	State	Multiple Name	Text Click Me
64000483	NEW HAMPSHIRE	Amoskeag Manufacturing Company Housing Districts TR	Text
64000484	NEW HAMPSHIRE	Downtown Claremont and Lower Village MRA	Text
64000485	NEW HAMPSHIRE	Dublin MRA	Text
64000486	NEW HAMPSHIRE	Harrisville MRA	Text
64000487	NEW HAMPSHIRE	Harrisville MRA (AD)	Text
64000488	NEW HAMPSHIRE	Plank Houses of Goshen New Hampshire TR	Text
64000489	NEW HAMPSHIRE	South Hampton MRA	Text
64501152	NEW HAMPSHIRE	Squam MPS	Text