

II. Suggested Notice of Intent (NOI) Form

1. General facility information. Please provide the following information about the facility.

a) Name of facility: Seabrook Station Gas Insulated Switchyard		Mailing Address for the Facility: P.O. Box 300, Seabrook, NH 03874	
b) Location Address of the Facility (if different from mailing address):	Facility Location longitude: <u>070°51'05"</u> latitude: <u>42°53'53"</u>		Type of Business: Electrical Utility
			Facility SIC codes: 4911
c) Name of facility owner: <u>Florida Power and Light Company ("FPL")</u> Owner's email: <u>Bill_Locke@fpl.com</u> Owner's Tel #: <u>(305) 442-5268</u> Owner's Fax #: <u>(305) 442-5886</u> Address of owner (if different from facility address) C/O Bill Locke Manager, Transmission Services Florida Power & Light Company 4200 Flagler Street Miami, Florida 33134 Owner is (check one): 1. Federal ☐ 2. State ☐ 3. Tribal ☐ 4. Private ☒ 4. Other ☐ (Describe)			
Legal name of Operator, if not owner: <u>FPL</u> also operates the switchyard through a service contract with FPL Energy Seabrook, LLC. Operator Contact Name: <u>Al Legendre</u> Operator Tel Number: <u>(603) 773-7773</u> Fax Number: <u>(603) 773-7740</u> Operator's email: <u>al_legendre@fpl.com</u> Operator Address (if different from owner) P.O. Box 300, Seabrook, NH 03874			
d) Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? ☒ Map is located in Attachment A of this NOI.			
e) Check Yes or No for the following: 1. Has a prior NPDES permit been granted for the discharge? Yes ☐ No ☒ If Yes, Permit Number: _____ 2. Is the discharge a "new discharge" as defined by 40 CFR Section 122.22? Yes ☒ No ☐ 3. Is the facility covered by an individual NPDES permit? Yes ☒ No ☐ If Yes, Permit Number <u>NH 0020338</u> 4. Is there a pending application on file with EPA for this discharge? Yes ☐ No ☒ If Yes, date of submittal: _____			

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed)

a) Name of receiving water into which discharge will occur: Browns River

State Water Quality Classification: B Freshwater: Marine Water: X

The portion of the Browns River where discharge will occur is classified as tidal estuarine.

b) Describe the discharge activities for which the owner/applicant is seeking coverage:

1. Construction dewatering of groundwater intrusion and/or storm water accumulation.
Groundwater intrusion.
2. Short-term or long-term dewatering of foundation sumps.
3. Other.

c) Number of outfalls 1

For each outfall:

d) Estimate the maximum daily and average monthly flow of the discharge (in gallons per day – GPD).
Max Daily Flow 250 GPD Average Monthly Flow 250 GPD

Excavation and construction work for which dewatering is required is expected to begin in early March and end in mid-April, 2009. It is anticipated that <10,000 gallons of water will need to be removed in order to properly dewater the work area

e) What is the maximum and minimum monthly pH of the discharge (in s.u.)? Max pH 7.7
Min pH 7.7

See pH levels in results of preliminary Groundwater Analysis conducted on 12/31/08, located in Attachment A of this NOI.

f) Identify the source of the discharge (i.e. potable water, surface water, or groundwater). If groundwater, the facility shall submit effluent test results, as required in Section 4.4.5 of the General Permit. See results of preliminary Groundwater Analysis conducted on 12/31/08, located in Attachment A, which are characteristic of effluent.

g) What treatment does the wastewater receive prior to discharge? If necessary, filtering to remove excessive sediment.

h) Is the discharge continuous? Yes No X If no, is the discharge periodic (P) (occurs regularly, i.e., monthly or seasonally, but is not continuous all year) or intermittent (I) (occurs sometimes but not regularly) or both (B) B

If (P), number of days or months per year of the discharge and the specific months of discharge ;

If (I), number of days/year there is a discharge

Is the discharge temporary? Yes X No

If yes, approximate start date of dewatering March 1, 2009 approximate end date of dewatering April 15, 2009

i) Latitude and longitude of each discharge within 100 feet (See http://www.epa.gov/tri/report/siting_tool):
Outfall 1: long. 70 degrees, 50 minutes, 45 seconds West lat. 42 degrees, 54 minutes, 01 seconds
North; Outfall 2: long. lat.; Outfall 3: long. lat.

See "dewatering location" label on attached USGS map located in Attachment A for approximate location of discharge point

j) If the source of the discharge is potable water, please provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water and attach any calculation sheets used to support stream flow and dilution calculations cfs

(See Appendix VII for equations and additional information)

MASSACHUSETTS FACILITIES: See Section 3.4 and Appendix 1 of the General Permit for more information on Areas of Critical Environmental Concern (ACEC):

k) Does the discharge occur in an ACEC? Yes No

If yes, provide the name of the ACEC:

3. Contaminant Information

a) Are any pH neutralization and/or dechlorination chemicals used in the discharge? No. If so, include the chemical name and manufacturer; maximum and average daily quantity used 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 aquatic organism(s)).
b) Please report any known remediation activities or water-quality issues in the vicinity of the discharge.

No groundwater contamination within 1000 feet of site. See NHDES One Stop website.

4. Determination of Endangered Species Act Eligibility: Provide documentation of ESA eligibility as required at Part 3.4 and Appendices III and IV. In addition, respond to the following questions.

a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes No X
b) Has any consultation with the federal services been completed? Yes No X
c) Is consultation under way? Yes No X
d) What were the results of the consultation with the U.S. Fish and Wildlife Service and/or NOAA Fisheries Service (check one): a "no jeopardy" opinion or written concurrence on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat.
e) Which of the five eligibility criteria listed in Appendix 2, Section B (A,B,C,D,or E) have you met? A

f) Please attach a copy of the most current federal listing of endangered and threatened species, found at USF&W website.

The Spill Prevention and Pollution Control Plan prepared for NPDES Permit #NH0020338 and Multi-Sector General Permit # NH050000 evaluated the status of ESA eligibility/Historic Resources and determined that there were none. This status has not changed based on current federal listings. See Attachment B of this NOI.

5. Documentation of National Historic Preservation Act requirements: Please respond to the following questions:

- a) 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 X
- b) Have any State or Tribal historic preservation officers been consulted in this determination? Yes _____ or No X If yes, attach the results of the consultation(s).
- c) Which of the three National Historic Preservation Act requirements listed in Appendix 3, Section C (1,2 o3) have you met? 1

See response to Section 4 above and Attachment A of this NOI for additional information.

6. Supplemental Information: Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit

Attachment A of this NOI includes a narrative description of the dewatering and discharge plan, a site plan, identification of discharge point, description of ESA/Historic Resources consultations, and results of laboratory analyses of groundwater sample.

7. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 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 dewatering system; (2) the discharge consists solely of dewatering and authorized pH adjustment and/or dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product or finished product; (4) if the discharge of dewatering subsequently mixes with other permitted wastewater (i.e. stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for dewatering discharge; (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.

Facility Name: Seabrook Station Gas Insulated Switchyard

Operator signature:

Jim Keener



Title:

Vice President, Transmission and Substation
Florida Power & Light Company

Date:

January 15, 2009

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 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

Attachment A

Dewatering Plan General Description and Endangered Species and Historic Resources – Seabrook Station Switchyard Expansion Project

General Project Description

This project will involve a vertical expansion of an existing gas insulated switchyard at Seabrook Station. This project is required to increase electrical reliability. The expansion will not require an increase of the existing developed footprint of the switchyard. The total construction area is expected to be less than 1/2-acre in size and will require the excavation of four holes within the existing switchyard in order to install concrete foundations/columns to accommodate a new platform and enclosure which will house new switching equipment. This NOI is being filed because these areas may need to be dewatered for construction purposes. Construction is scheduled to begin on March 1, 2009 and is expected to be completed in November 2009.

Dewatering Treatment Approach

- All intercepted groundwater will be treated as needed for sediment removal in accordance with accepted best management practices (BMPs). Site conditions will dictate the use of the most appropriate BMPs;
- Water removed from the dewatering areas will be transported to the Browns River in the location indicated in the NOI and as depicted on the Attached USGS map.

Monitoring/Sampling

- All monitoring and sampling will be performed in accordance with the frequency and parameter requirements presented in the Dewatering General Permit. The frequency of sampling will be dependant upon the volume of groundwater intrusion into the excavated areas and the amount and duration of dewatering that is required. See preliminary Groundwater Sample Analysis (performed on 12/31/08) results in this attachment for information on groundwater chemistry

Endangered Species and Historic Resources

Ongoing Consultations

Seabrook Station is not engaged in any ongoing agency consultations

Historic Consultations

Consultations with the National Oceanic and Atmospheric Administration, National Marine Fisheries Service were initiated in 1997 after a number of seals were taken in the cooling water system. A Limited Take Permit application was filed in June 1997. Subsequently a Limited Take Permit and Letter of Authorization were issued by NMFS

in July 1999. The provisions of the Limited Take Permit and LOA included enhanced monitoring, reporting and the requirement to design and install a mitigation device to minimize or eliminate seal takes. Design and installation of a mitigation device was completed in August 1999. Additional vertical bars were installed on the intake velocity caps to reduce the bar spacing from approximately fourteen inches to five inches. The reduced bar spacing mitigation design has been completely successful in eliminating seal takes. In light of the proven effectiveness of the mitigation device design the Limited Take Permit was allowed to expire in June 2004. A copy of the Limited Take Permit and Letter of Authorization (as renewed 11/1/03) are enclosed.

Consultations with various federal agencies were initiated in April 1974 by the United States Atomic Energy Commission upon publication of the "Draft Environmental Statement" for the proposed construction of Seabrook Station Units 1 and 2. The environmental statement was prepared in accordance with the AEC regulations at 10 CFR 50 Appendix D which implemented the requirements of the National Environmental Policy Act of 1969. Letters from the following federal agencies are enclosed:
Department of the Army (June 7, 1974): Comment letter identifies the requirement for a Department of the Army Permit for dredging and disposing of dredged material for installation of intake and discharge facilities. The requisite Army Corps of Engineers Permits were subsequently obtained.

Department of Commerce (June 28, 1974): Comment letter identifies that the location of the intake structures in relation to the Hampton Harbor inlet and natural rock outcroppings could make significant numbers of organisms vulnerable to loss through impingement and entrainment. The location of the intake structures was substantially revised during the Environmental Protection Agency review and public proceeding relative to 316 (b) during the January 1975 to August 1978 time period. The initial proposed intake location 3000 feet from the shoreline was revised during the 316 (b) proceeding to a location 7000 feet from the shoreline.

Department of the Interior (June 10, 1974): Comment letter identifies that an intake velocity of less than 1 cfs may be necessary to adequately protect aquatic life. The intake velocity originally proposed for two Seabrook Station units was approximately 1 foot per second. The velocity associated with operation of a single unit is approximately .5 foot per second at the velocity caps.

Department of Transportation (June 14, 1974): Comment letter identifies the requirement for a Private Aid to Navigation for the intake and discharge structures due to the possible hazard to navigation. The requisite Private Aids to Navigation are installed and maintained at the intake and discharge locations. Consultations with various federal agencies were initiated in May 1982 by the United States Nuclear Regulatory Commission upon publication of the "Draft Environmental Statement" for the proposed operation of Seabrook Station Units 1 and 2. The environmental statement was prepared in accordance with the NRC regulations at 10 CFR 51 which implemented the requirements of the National Environmental Policy Act of 1969. Letters from the following federal agencies are enclosed:

Department of Commerce (July 6, 1982): Comment letter identifies that since the agency's initial comments were filed on June 28, 1974, changes in plant design and operation have been instituted which will minimize impacts on fisheries resources and associated habitats.

Regarding Endangered Species, the following info is from our Storm Water Pollution Prevention Plan and supports the NOI Item 4.a. Historic consultations were performed under the existing NPDES Individual and Multi-Sector General Permits. These consultations are summarized in attachment C below, which is also part of the Spill Prevention, Containment, and Control Plan for those permits.

Attachment B:

Current Review for Federally-Listed Threatened and Endangered Species

In support of the NOI for the Dewatering General Permit, the following information is being submitted to supplement to the record Endangered Species and Historic Places Assessment documented in Attachment C to the Seabrook Station Storm Water Pollution Prevention Plan. The proposed dewatering work and discharge into the Browns River, Seabrook, NH will not adversely impact listed Threatened or Endangered Species, Designated Critical Habitat, or Historic Places.

The current U.S. Fish & Wildlife Service listing of Threatened and Endangered Species for New Hampshire was reviewed for additional animal and plant listings that were not considered in the record Endangered Species and Historic Places Assessment documented in Attachment C to the Seabrook Station Storm Water Pollution Prevention Plan.

The link to the current NH listing is:

http://ecos.fws.gov/tess_public/pub/stateListing.jsp?status=listed&state=NH

Three additional animal species are currently listed. These are:

Beetle, American Burying - Endangered

Curlew, Eskimo - Endangered

Wolf, gray - Endangered

A review of the accompanying U.S. Fish & Wildlife species profile information for these animals indicated that none of the above are known to occur in New Hampshire.

A review of 50 CFR 226 "Designated Critical Habitat" was also performed to determine if any New Hampshire locations were listed in support of preservation of endangered species. No New Hampshire locations are identified on the current Designated Critical Habitat list.



U.S. Fish & Wildlife Service
Threatened & Endangered Species System

New Hampshire

Notes:

- This report shows the species listed in this state according to the Federal Register listing description.
- This list does not include experimental populations and similarity of appearance listings.
- This list includes species or populations under the sole jurisdiction of the National Marine Fisheries Service.
- Click on the highlighted scientific names below to view a Species Profile for each listing.

Listed species (based on published population data) – 14 listings

Animals – 11

Status	Species/Listing Name
E	Beetle, American burying (<i>Nicrophorus americanus</i>)
E	Butterfly, Karner blue (<i>Lycaeides melissa samuelis</i>)
E	Curlew, Eskimo (<i>Numenius borealis</i>)
T	Lynx, Canada lower 48 States DPS (<i>Lynx canadensis</i>)
T	Plover, piping except Great Lakes watershed (<i>Charadrius melodus</i>)
E	Puma (=cougar), eastern (<i>Puma (=Felis) concolor cougar</i>)
E	Sea turtle, leatherback (<i>Dermochelys coriacea</i>)
T	Tiger beetle, Puritan (<i>Cicindela puritana</i>)
E	Wedgemussel, dwarf (<i>Alasmidonta heterodon</i>)
E	Whale, finback (<i>Balaenoptera physalus</i>)
E	Wolf, gray Lower 48 States, except where delisted and where EXPN. Mexico. (<i>Canis lupus</i>)

Plants – 3

Status	Species/Listing Name
E	Bulrush, Northeastern (<i>Scirpus ancistrochaetus</i>)
E	Milk-vetch, Jesup's (<i>Astragalus robbinsii</i> var. <i>jesupi</i>)
T	Pogonia, small whorled (<i>Isotria medeoloides</i>)

Attachment C:

Endangered Species and Historic Places Assessment

(Sheet 1 of 8)

Industrial facilities are eligible for coverage under the Storm Water Multi-sector General Permit (MSGP) if their storm water discharges do not impact listed endangered or threatened species or critical habitat (per MSGP Section 1.2.3.6). The following information documents the basis for Seabrook Station's eligibility for coverage under the MSGP with respect to listed endangered or threatened species or critical habitat.

Seabrook Station meets the MSGP Addendum A Eligibility Criteria A since no endangered or threatened species or critical habitat are in proximity to the facility or the locations where storm water discharges reach the receiving waters that includes the surrounding salt marsh and Atlantic Ocean. No New Hampshire locations are identified on the Designated Critical Habitat List. **This determination was made by reviewing the latest list of Designated Critical Habitat (50CFR226, dated October 1, 2001).**

The Final Environmental Statement for Seabrook Station (U.S. Nuclear Regulatory Commission NUREG-0895) was issued in December 1982. The Final Environmental Statement stated that no endangered or threatened species occur on the station site and possible transients in the adjacent marshes or near shore waters will not be affected by station operation. The U.S. Nuclear Regulatory Commission made this determination in consultation with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service.

The following endangered or threatened species were identified in the 1982 Final Environmental Statement as being known to occur in the New Hampshire Seacoast but not in the immediate vicinity of Seabrook Station or its storm water discharges:

- Peregrine falcon (*Falco peregrinus*)
- Bald eagle (*Haliaeetus leucocephalus*)
- Small whorled pogonia (*Isotria meleoloides*)
- Shortnose sturgeon (*Acipenser brevirostrum*)
- Humpback whale (*Megaptera novaeangliae*)
- Fin whale (*Balaenoptera physalus*)
- Leatherback sea turtle (*Dermochelys coriacea*)

Since the station began operation in 1990, there have been no incidents involving these species. The storm water component of the discharge has been sampled since the renewal of the 1993 NPDES Permit for Seabrook Station and has been found to meet Permit

requirements and will not impact endangered or threatened species.

Attachment C: Endangered Species and Historic Places Assessment

(Sheet 2 of 8)

One threatened species - the piping plover - was added in 1985 to the endangered or threatened species list for Rockingham County. The conclusion of 1982 Final Environmental Statement that Seabrook Station's operation or its storm water discharge does not impact endangered or threatened species is not changed by the addition of the piping plover to the list of threatened species. The basis for this determination is that piping plover habitat (Seabrook Beach) is not found in the vicinity of Seabrook Station's storm water discharge.

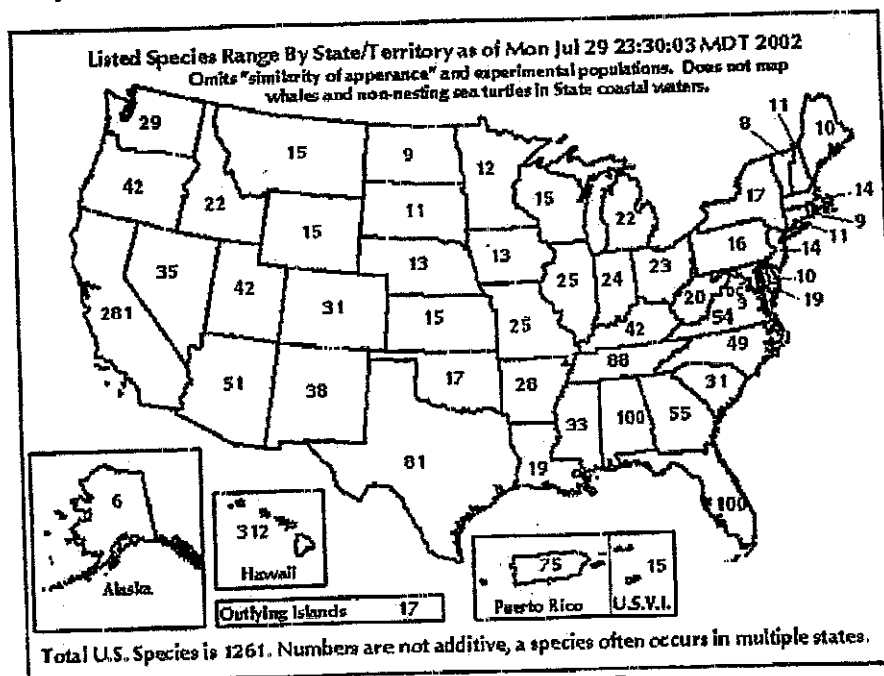
As required by MSGP Addendum A Eligibility Criteria A, see the attached list of endangered and threatened¹ species for Rockingham County from the EPA's website (pages B-32 to B-34) and the list of threatened and endangered species for New Hampshire from the U.S. Fish & Wildlife Service website (pages B-35 to B-36). It should be noted that the EPA's list of threatened and endangered species for Rockingham County inadvertently omitted the piping plover.

¹ Although not stated this list includes threatened species (e.g. bald eagle). This clarification is based on a conversation between Phillip Morrison (USF&WS) and Ron Sher (Seabrook Station) on September 12, 2002.

U.S. Fish & Wildlife Service

Threatened and Endangered Species System (TESS)

Note: The species counted include listed pinnipeds (seals, etc.) and anadromous fishes under the sole jurisdiction of the National Marine Fisheries Service that use land or fresh waters within the States and Territories of the United States. Species are not broken up into listing entities as they are in the State reports, however, if a species is not listed in a state it is not counted, although it may occur there in a non-protected population.



Go to the [Threatened and Endangered Wildlife and Plants Page](#)
Go to the [TESS Home Page](#)

U.S. Fish & Wildlife Service

Threatened and Endangered Species System (TESS)

Listings by State and Territory as of 09/05/2002

New Hampshire

Notes:

- Displays one record per species or population.
- Includes experimental populations and similarity of appearance listings.
- The range of a listed population does not extend beyond the states in which that population is defined.
- Includes non-nesting sea turtles and whales in State/Territory coastal waters.
- Includes species or populations under the sole jurisdiction of the National Marine Fisheries Service.

Go to the [Threatened and Endangered Wildlife and Plants Page](#)

Go to the [TESS Home Page](#)

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- Click on the highlighted scientific names below to view a *Species Profile* for each listing.

New Hampshire -- 12 listings

Animals -- 9

Status	Listing
E	Butterfly, Karner blue (<i>Lycaeides melissa samuelis</i>)
E	Eagle, bald (lower 48 States) (<i>Haliaeetus leucocephalus</i>)
T	Lynx, Canada (lower 48 States DPS) (<i>Lynx canadensis</i>)
T	Plover, piping (except Great Lakes watershed) (<i>Charadrius melodus</i>)
E	Puma (=cougar), eastern (<i>Puma (=Felis) concolor cougar</i>)
E	Sea turtle, leatherback (<i>Demochelys coriacea</i>)
T	Tiger beetle, Puritan (<i>Cicindela puritana</i>)
E	Wedgemussel, dwarf (<i>Alasmidonta heterodon</i>)
E	Whale, finback (<i>Balaenoptera physalus</i>)

Plants -- 3

Status	Listing
E	Milk-vetch, Jesup's (<i>Astragalus robbinsii</i> var. <i>jesupii</i>)
T	Pogonia, small whorled (<i>Isopria medeoloides</i>)
E	Bulrush, Northeastern (<i>Scirpus anclastrochastus</i>)



U.S. Environmental Protection Agency

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Endangered Species Search Results for New Hampshire

Belknap County, New Hampshire

Below are the 25 Endangered Species results for all counties located in New Hampshire. The data may be sorted in ascending order by clicking on the desired column heading. By default, the results are ordered by *Scientific Name*.

County: Belknap

Number of Species: 3

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant
Bat, Indiana	Myotis Sodalis	Mammal

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County: Carroll

Number of Species: 1

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Pogonia, Small Whorled	Isotria Medeoloides	Plant

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County: Cheshire

Number of Species: 2

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Mussel, Dwarf Wedge	Alasmidonta Heterodon	Clam
Bat, Indiana	Myotis Sodalis	Mammal

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County: Coos

Number of Species: 2

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Cinquefoil, Robbins'	Potentilla Robbinsiana	Plant

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County: Grafton

Number of Species: 3

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Bat, Indiana	Myotis Sodalis	Mammal
Cinquefoil, Robbins'	Potentilla Robbinsiana	Plant

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County: Hillsborough

Number of Species: 3

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant
Bat, Indiana	Myotis Sodalis	Mammal

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County: Merrimack

Number of Species: 4

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant
Butterfly, Karner Blue	Lycaelides Melissa Samuelis	Insect
Bat, Indiana	Myotis Sodalis	Mammal

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County: Rockingham

Number of Species: 2

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant

[\[Top\]](#)

County: Stafford

Number of Species: 1

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Pogonia, Small Whorled	Isotria Medeoloides	Plant

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County: Sullivan

Number of Species: 4

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Mussel, Dwarf Wedge	Alasmidonta Heterodon	Clam
Milk-Vetch, Jesup's	Astragalus Robbinsii Var. Jesupii	Plant
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Bat, Indiana	Myotis Sodalis	Mammal

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DISCLAIMER: This county-level listing is based on endangered species data provided by EPA's Office of Pesticide Programs. For the most up to date information on threatened and endangered species, consult the US Fish and Wildlife Service's endangered species website.

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Last updated on August 28, 2002 4:20 PM

URL: <http://cfpub.epa.gov/hqdes/stormwater/endangerresult.cfm>

County: Rockingham

Number of Species: 2

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Pogonia, Small Whorled	Isotria Medeoloides	Plant

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County: Strafford

Number of Species: 1

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Pogonia, Small Whorled	Isotria Medeoloides	Plant

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County: Sullivan

Number of Species: 4

<u>Common Name</u>	<u>Scientific Name</u>	<u>Group</u>
Mussel, Dwarf Wedge	Alasmidonta Heterodon	Clam
Milk-Vetch, Jesup's	Astragalus Robbinsii Var. Jesupii	Plant
Eagle, Bald	Haliaeetus Leucocephalus	Bird
Bat, Indiana	Myotis Sodalis	Mammal

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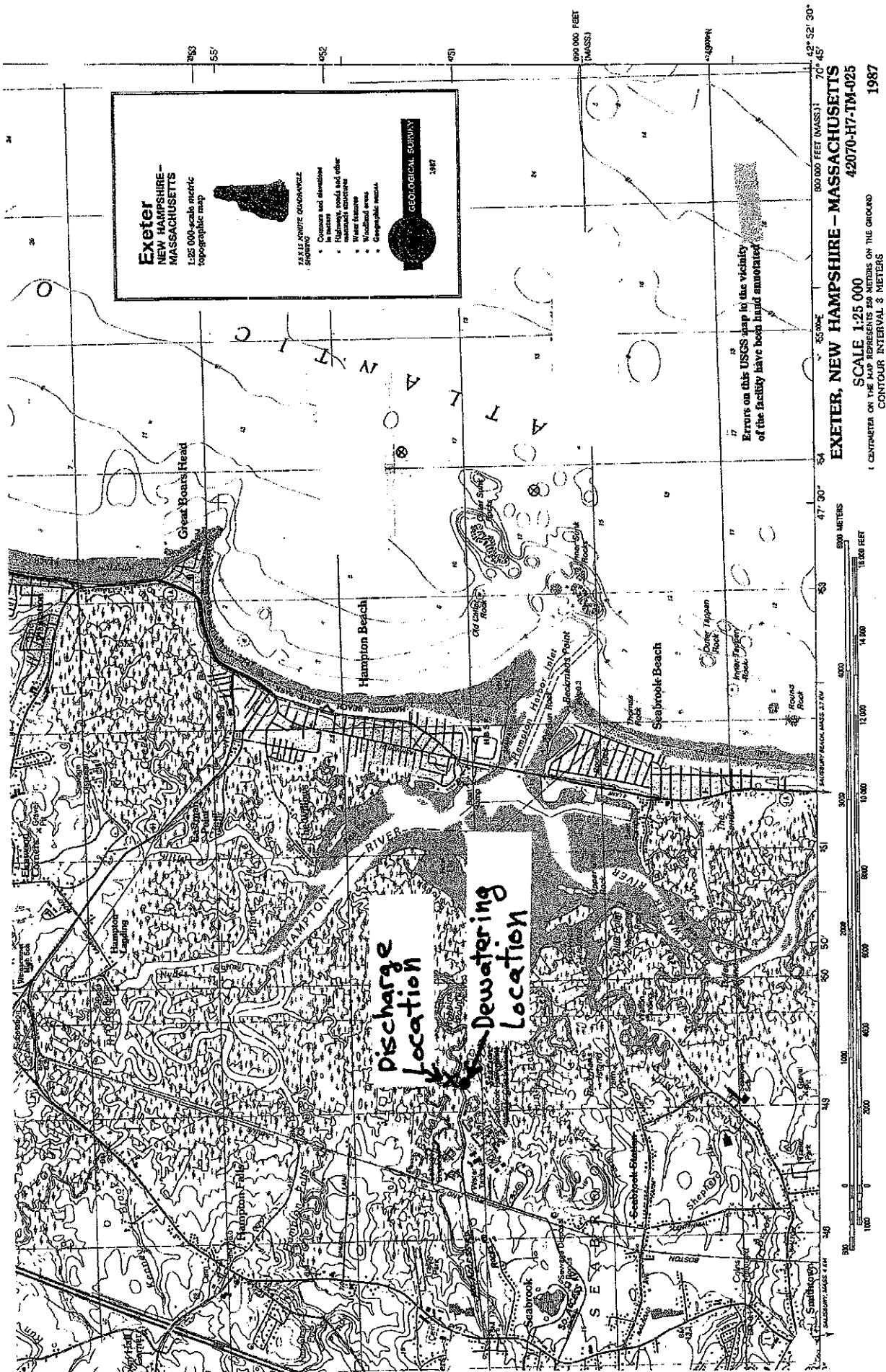
DISCLAIMER: This county-level listing is based on endangered species data provided by EPA's Office of Pesticide Programs. For the most up to date information on threatened and endangered species, consult the US Fish and Wildlife Service's endangered species website.

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professional laboratory services

PRELIMINARY ANALYTICAL RESULTS ATTACHED

The attached .pdf file contains results that have not been subjected to a final QA/QC review. If you have any questions, please contact us.

Reminders

EAI offers special **municipal discounts** and **water system pricing**. For more information, contact Scott Kelley.

EAI has **Brownfields Experience!** Please call or e-mail Scott Kelley for more information about making EAI part of your Brownfields Project Team.

EAIFS offers **direct push** services utilizing Geoprobe equipment. Grout pump also available for decommissioning wells or direct injection.

Upcoming Events

Holiday Schedule - EAI will be closed on the following dates

November 27th & 28th, 2008
December 25th & 26th, 2008
January 1st, 2009

Nuts & Bolts Training Seminars **ENGINEERS & CONSULTANTS**

- January 13th
- February 3rd
- February 17th

MUNICIPAL/INDUSTRIAL WW OPERATORS

- January 20th
- ### **WATER SYSTEM OPERATORS**
- February 10th

Topics include:

- Pre-project Planning
- Chain of Custody completion
- Sample Collection Protocols and Technique
- Sample Temperature
- Container Labeling
- Analysis Hold Times
- Sample Turnaround Times
- Container Drop Off & Sample Pick-up Options
- Electronic Deliverables
- Field Sampling Equipment Rentals & GeoProbe® Capabilities
- Lab Tour

To learn more about the Nuts & Bolts training seminar or to sign up, please call 1-800-287-0252, 228-0525 or e-mail customerservice@eailabs.com.



LABORATORY REPORT

Eastern Analytical, Inc. ID#: 75671

Client: TRC Engineers, LLC (Augusta)

Client Designation: FPL Seabrook Dewatering Permit

Sample ID: BU-10

Lab Sample ID: 75671.01

Matrix: aqueous

Date Sampled: 12/29/08

Date Received: 12/29/08

Chloride 440

Units	Analysis		Method	Analyst
	Date	Time		
mg/L	12/29/08	15:29	4500CIE	KL



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Antimony < 0.001
Arsenic 0.0020
Cadmium < 0.0001
Cadmium < 0.0001
Chromium < 0.001
Copper < 0.001
Iron 4.9
Mercury < 0.0001
Nickel 0.001
Silver < 0.0001
Zinc 0.032
Chromium (VI) < 0.01

Analytical Matrix	Units	Date of Analysis	Method	Analyst
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqTot	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/30/08	200.8	DS
AqDis	mg/L	12/31/08	200.8	DS
AqTot	mg/L	12/30/08	7196A	DS



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Field pH 7.7

Units	Date of Analysis	Method	Analyst
SU	12/29/08	SM4500	JG