

## **Seasonal Dock:**

Env-Wt 303.04(a) Construction or modification of a seasonal dock that meets the below criteria (Env-Wt 402):

1. Located in a lake or pond;
2. Provides no more than two slips, including previously existing slips;
3. Is standard configuration that is narrow, rectangular, and erected perpendicular to the shoreline;
4. Is designed and constructed to allow for a maximum of 2 feet of navigation space between a boat slip and any other structure or boat slip;
5. In lakes and ponds of 1,000 acres or more a seasonal dock with a deck width of 6 feet and deck length of 40 feet, measured from normal high water mark;
6. In lakes and ponds of less than 1,000 acres, for all docks a deck width of 6 feet and deck length of 30 feet, measured from normal high water mark;
7. The dimensions in 4 & 5 above may be exceeded when the department determines, based on information provided by the applicant, that:
  - a. Application of the standard dimensions would represent a safety hazard due to wind or other weather conditions;
  - b. The property has a unique physical hardship, such as, insufficient water depth, not shared generally by nearby properties, that requires larger dimensions;
  - c. The applicant has a permanent disability that requires larger dimensions in order to safely use the water; or
  - d. Exception from the standard maximum dimensions by use of clustering of structures in one location would result in less environmental impact to the shoreline and water body than would standard dimensions.
8. If the property has less than 75-feet of shoreline frontage, the dock is no larger than 4 feet x 24 feet.
9. Meets setback of submits waiver Env-Wt 402.04 Setbacks. As required by RSA 482-A:3, XIII(a), all docks shall be located at least 20 feet from any abutting property line or imaginary extension of the property line over surface water, unless the provisions of RSA 482-A:3, XIII(c) or (d) are met.
10. Designed to be installed at the beginning and removed at the end of the boating season;
11. Removed from the water for a minimum of 5 months of every calendar year;
12. Designed and placed in the water so as not to obstruct navigation;
13. Removed from the water for the purpose of applying paint, stain, or other preservatives; and
14. Installed only if in compliance with RSA 482-A:3, IV-a or otherwise permitted under RSA 482-A.

## **Maintenance, repair or replacement of a docking structure (freshwater and tidal):**

Env-Wt 303.04(v) Maintenance, repair, and replacement in-kind of existing docking structures, such as breakwaters, docks, boat houses, piers, wharves, walkways, boat ramps, tie-off pilings, ice clusters, dolphins, or other docking facilities, provided:

1. No work is proposed that would be prohibited under RSA 482-A:26;
2. No change in location, configuration, construction type, or dimensions is proposed; and
3. The applicant certifies in writing that:
  - a. The existing structures would be considered grandfathered in their current configuration pursuant to Env-Wt 101.44 and have not been abandoned pursuant to Env-Wt 101.01 or Env-Wt 303.05(a)(4); or
  - b. The existing structures have been constructed in accordance with a previously-issued wetlands permit and have not been abandoned pursuant to Env-Wt 101.01 or Env-Wt 303.05 (a)(4).

## **Anchoring Pad:**

Env-Wt 303.04(ab) Construction of an anchoring pad for a seasonal dock provided:

1. The pad shall be constructed landward of the high water line or full pond elevation;
2. The pad shall not exceed 7 feet in width or impact more than 10 linear feet along the bank, with the bank fully stabilized upon completion of construction;
3. Appropriate erosion, siltation, and turbidity control measures shall be installed and maintained to prevent any impacts to adjacent surface waters and those controls maintained until the site has stabilized; and
4. The pad shall not be constructed in or adjacent to prime wetlands, and does not meet the requirements in Env-Wt 303.02(k).

**Boatlift:**

Env-Wt 303.04(ac) Installation of a seasonal boatlift in an existing grandfathered or legally-existing, permitted boat slip, provided the boatlift is:

1. Installed such that no additional boat slip is created by installation of the lift;
2. Removed during the non-boating season;
3. Located at least 20 feet from an abutting property line or the imaginary extension of the property line over the water; and
4. Installed in a manner which requires no impact that would necessitate further permit action.

**Watercraft Lift:**

Env-Wt 303.04(ad) Installation of a seasonal personal watercraft lift, provided the personal watercraft lift is:

1. Installed immediately adjacent to a dock, and in a legally-existing boat slip, or, if there are no other personal watercraft lifts on the frontage, a maximum of 2 lifts installed immediately adjacent to one another and along the owner's shoreline;
2. Removed during the non-boating season; and
3. Located at least 20 feet from an abutting property line or the imaginary extension of the property line over the water.

**Beach Construction:**

Env-Wt 303.04(d) Construction of a beach provided:

1. The beach shall serve a privately-owned single family residence;
2. No fill or dredge shall occur below the high water line or full pond elevation;
3. The total amount of dredge or fill shall not exceed 900 square feet;
4. No work shall be conducted in a swamp, marsh, tidal buffer zone, bog, or in or adjacent to a prime wetland;
5. The work shall not alter more than 20 percent of the applicant's contiguous shoreline up to a maximum of 50 feet; and
6. No more than 10 cubic yards of sand shall be used.

**Beach Replenishment:**

Env-Wt 303.04(aa) Replenishment of sand on an existing beach, provided:

1. No sand shall be placed below the high water line or full pond elevation;
2. No work shall be conducted in or adjacent to prime wetland;
3. No more than 10 cubic yards of sand shall be used; and
4. The beach replenishment shall not exceed the limit of one replenishment in any 6 year period.

**Aquatic Weeds:**

Env-Wt 303.04(q) Projects to control aquatic weeds by cutting above the roots and harvesting, provided:

1. There is no mobilization of bottom sediments;
2. The project is not located in prime wetlands, marshes, or bogs; and
3. The project does not meet the requirements of Env-Wt 303.02(k).

Env-Wt 303.04(r) Projects to control exotic aquatic weeds *Cabomba carolina* (fanwort) and/or *Myriophyllum heterophyllum* (exotic milfoil) as authorized by RSA 487:17, provided:

1. Work is conducted under the supervision of the department unless included in Env-Wt 303.05;
2. The project is not located in prime wetlands, marshes, bogs, or tidal wetlands; and
3. The project does not meet the requirements of Env-Wt 303.02(k).



### **SECTION 3: REVIEW TIME:**

#### **SECTION 3 - INSTRUCTIONS:**

- Respond to the Section 3 questions below.
- If you answer “**Yes**” to any of the Section 3 questions, your project is Minimum Impact and will be reviewed within the Standard Review 75 – 105 day review time. Please complete the following:
  - a. Check Standard Review, Minimum Impact on page 1, number 1 of the application form;
  - b. Confirm all items listed in numbers 16, 17A. A-I and 17B. J – M on page 4 of the application form are addressed in your application submittal; and
  - c. Submit completed pages 2, 3 & 9 of this attachment with your application.
- If you answer “**No**” to all of the Section 3 questions, your project is Minimum Impact and will be reviewed in within the Expedited 30 day review time. Please complete the following:
  - a. Check Expedited Review, Minimum Impact on page 1, number 1 of the application form;
  - b. Please confirm all items listed in numbers 16, 17A. A-I and 17B. J - M on page 4 of the application form are addressed in your application submittal; and
  - c. Submit completed pages 2, 3 & 9 of this attachment with your application.

#### **SECTION 3 - QUESTIONS:**

Please check yes or no in response to the following questions. Does your project?

1.	Occur in a town/city that does NOT have a conservation commission or the conservation commission has NOT signed the application form as outlined on the application form (number 21, page 6)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2.	Involve after-the-fact impacts, meaning the application will be received after ANY work in jurisdictional areas (tidal wetlands, sand dunes, tidal buffer zone, freshwater wetlands, surface waters, streams and their banks and prime wetland buffer) has started (Env-Wt 501.04(f))?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3.	Involve fill for lot development, which includes fill in jurisdictional areas to create useable land for the construction of a structure, building, yard, parking lot, land to meet required setback or for construction of a storm water structure (Env-Wt 505.03(f))?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4.	Involve fill to achieve septic setback or dredging that would create violations of any set-backs specified in Env-Wq 1000 (Env-Wt 505.03(e))?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5.	Involve fill in an Atlantic white cedar swamp (Env-Wt 505.03(g))?	<input type="checkbox"/> Yes <input type="checkbox"/> No

## ATTACHMENT B



**US Army Corps  
of Engineers®**  
New England District

**U.S. Army Corps of Engineers  
Programmatic General Permit (PGP)  
Appendix B - Required Information and Corps Secondary Impacts Checklist**

In order for the Corps of Engineers to properly evaluate your application, applicants must submit the following information along with the DES Wetlands Bureau application or permit notification forms. Some projects may require more information. For a more comprehensive checklist, go to [www.nae.usace.army.mil/reg](http://www.nae.usace.army.mil/reg) "Forms" and then "Application and Plan Guideline Checklist." Check with the Corps at (978) 318-8832 for project-specific requirements. For your convenience, this Appendix B is also attached to the State of New Hampshire DES Wetlands Bureau application and Permit by Notification forms.

**Required information for all projects:**

- 8½"x11" plans: Locus map, plan views of the entire property and project limits with existing and proposed conditions. On each plan show the NGVD 1929 equivalent for the project's vertical datum with the vertical units. Do not use local datum.

**Required information for Federal inland (Section 404) wetland/waterway fill projects:**

- Complete the "Corps Secondary Impacts Checklist" provided on the following page;
- Each plan should show the ordinary high water (OHW) line in the absence of a contiguous wetland.
- National Wetlands Inventory Map(s) ([www.fws.gov/wetlands/](http://www.fws.gov/wetlands/)) showing the impacted wetland system(s);
- For Minor/Major Impact Projects, delineate special aquatic sites (SAS) and special wetlands, including vernal pools [see General Condition (GC) 26].

**Information typically required for stream crossing projects (perennial and intermittent unless otherwise specified):**

- Rosgen classification for perennial streams. See Applied River Morphology, Dave Rosgen, 1996;
- PE stamp on all perennial stream projects when required by the State;
- Crossing impact analysis of hydraulic capacity, hydrogeomorphic compatibility, watershed size above a crossing, upstream and downstream direct and secondary impacts from a proposed crossing;
- Stream bank full, and bank dimensions, channel dimensions, extent of the floodplain prone area;
- Crossing impact assessment to wildlife and fisheries and aquatic organisms (pre- and post design) including direct and secondary impacts;
- Replacements: an analysis of current crossing compatibility, stability of upstream and downstream channel and bank, recent scour events, systems analysis on hydrology, ecological stability and sediment loading.

**Required information for projects in tidal waters:**

- Each plan should show the mean high water (MHW), mean low water (MLW), mean lower low water (MLLW), high tide line (HTL) or other tidal datum;
- Delineate special aquatic sites (SAS) and special wetlands (see GC 26);
- Show or state the size of the waterbody;
- Limits of any Federal Navigation Project (FNP) within 100' of the project area and State Plane Coordinates for the limits of the proposed work closest to the FNP;
- Volume, type, and source of fill material to be discharged into waters and wetlands, including the area(s) (in square feet or acres) of fill in wetlands and the areas below the HTL.



**Required information for tidal water dredge projects:**

- Sediment testing, including physical (e.g., grain-size analysis), chemical and biological testing. For projects proposing open water disposal, applicants should contact the Corps as early as possible regarding sampling and testing protocols. Sediment sampling and testing without such contact would be at the applicant's risk;
- Any existing sediment grain size and bulk sediment chemistry data;
- Nature of material (e.g., silty sand);
- Any nearby projects;
- The area in square feet and volume of material to be dredged below HTL;
- Existing and proposed water depths;
- Type of dredging equipment to be used;
- Location of the disposal site (include locus sheet);
- Information on the location and nature of municipal or industrial discharges and occurrence of any contaminant spills in or near the project area;
- Shellfish survey;
- Identify and describe potential impacts to essential fish habitat (see GC 10);
- Delineation of submerged aquatic vegetation (e.g., eelgrass beds).

**U.S. Army Corps of Engineers  
New Hampshire Programmatic General Permit (PGP)  
Appendix B - Corps Secondary Impacts Checklist  
(for inland wetland/waterway fill projects in New Hampshire)**

1. Attach any explanations to this checklist. Lack of information could delay a Corps permit determination.
2. All references to "work" include all work associated with the project construction and operation. Work includes filling, clearing, flooding, draining, excavation, dozing, stumping, etc.
3. See PGP, GC 5 regarding single and complete projects.
4. Contact the Corps at (978) 318-8832 with any questions.

1. <b>Impaired Waters</b>	Yes	No
1.1 Will any work occur within 1 mile upstream in the watershed of an impaired water? See <a href="http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm">http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm</a> to determine if there is an impaired water in the vicinity of your work area.*		
2. <b>Wetlands</b>	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?		
2.2 Are there proposed impacts to SAS, shellfish beds, special wetlands and vernal pools (see PGP, GC 26 and Appendix A)? Applicants may obtain information from the NH Department of Resources and Economic Development Natural Heritage Bureau (NHB) website, <a href="http://www.nhnaturalheritage.org">www.nhnaturalheritage.org</a> , specifically the book <a href="#">Natural Community Systems of New Hampshire</a> .		
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?		
2.4 Would the project remove part or all of a riparian buffer? (Riparian buffers are lands adjacent to streams where vegetation is strongly influenced by the presence of water. They are often thin lines of vegetation containing native grasses, flowers, shrubs and/or trees that line the stream banks. They are also called vegetated buffer zones.)		
2.5 The overall project site is more than 40 acres.		
2.6 What is the size of the existing impervious surface area?		
2.7 What is the size of the proposed impervious surface area?		
2.8 What is the % of the impervious area (new and existing) to the overall project site?		
3. <b>Wildlife</b>	Yes	No
3.1 Has the NHB determined that there are known occurrences of rare species, exemplary natural communities, Federal and State threatened and endangered species and habitat, in the vicinity of the proposed project? (All projects require a NHB determination.)		
3.2 Would work occur in any area identified as either "Highest Ranked Habitat in N.H." or "Highest Ranked Habitat in Ecological Region"? (These areas are colored magenta and green, respectively, on NH Fish and Game's map, "2010 Highest Ranked Wildlife Habitat by Ecological Condition.") Map information can be found at: <ul style="list-style-type: none"> <li>• PDF: <a href="http://www.wildlife.state.nh.us/Wildlife/Wildlife_Plan/highest_ranking_habitat.htm">www.wildlife.state.nh.us/Wildlife/Wildlife_Plan/highest_ranking_habitat.htm</a>.</li> <li>• Data Mapper: <a href="http://www.granit.unh.edu">www.granit.unh.edu</a>.</li> <li>• GIS: <a href="http://www.granit.unh.edu/data/downloadfreedata/category/databycategory.html">www.granit.unh.edu/data/downloadfreedata/category/databycategory.html</a>.</li> </ul>		
3.3 Would the project impact more than 20 acres of an undeveloped land block (upland, wetland/waterway) on the entire project site and/or on an adjoining property(s)?		
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		
3.5 Are stream crossings designed in accordance with the PGP, GC 21?		



4. <u>Flooding/Floodplain Values</u>	Yes	No
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?		
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?		
5. <u>Historic/Archaeological Resources</u>		
If a minor or major impact project, has a copy of the Request for Project Review (RPR) Form ( <a href="http://www.nh.gov/nhdhr/review">www.nh.gov/nhdhr/review</a> ) been sent to the NH Division of Historical Resources as required on Page 5 of the PGP?		

\*Although this checklist utilizes state information, its submittal to the Corps is a Federal requirement.

Antrim Wind Energy LLC  
155 Fleet Street  
Portsmouth, NH 03801  
603-570-4842



001022  
54-202/114

DATE 8/3/2012

PAY TO THE ORDER OF Treasurer State of New Hampshire \$ \*\*191.00

One Hundred Ninety-One and 00/100\*\*\*\*\* DOLLARS

State of New Hampshire Treasury  
25 Capitol Street, Room 121  
Concord, NH 03301

Memo

Antrim Wind SEC Docket 2012-1

⑈001022⑈ ⑈011402024⑈ ⑈010125354⑈

Antrim Wind Energy LLC

Treasurer State of New Hampshire

Additional Wetland Permit Fee

8/3/2012

001022

191.00

Centrix Checking      Antrim Wind SEC Docket 2012-1      191.00

Antrim Wind Energy LLC

Treasurer State of New Hampshire

Additional Wetland Permit Fee

8/3/2012

001022

191.00

Centrix Checking      Antrim Wind SEC Docket 2012-1      191.00





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**NEW HAMPSHIRE NATURAL HERITAGE BUREAU**

DRED - DIVISION OF FORESTS & LANDS

PO Box 1856 -- 172 PEMBROKE ROAD, CONCORD, NH 03302-1856  
(603) 271-2214

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**To:** Site Evaluation Committee

**From:** Melissa Coppola, Environmental Information Specialist

**Date:** August 2, 2012

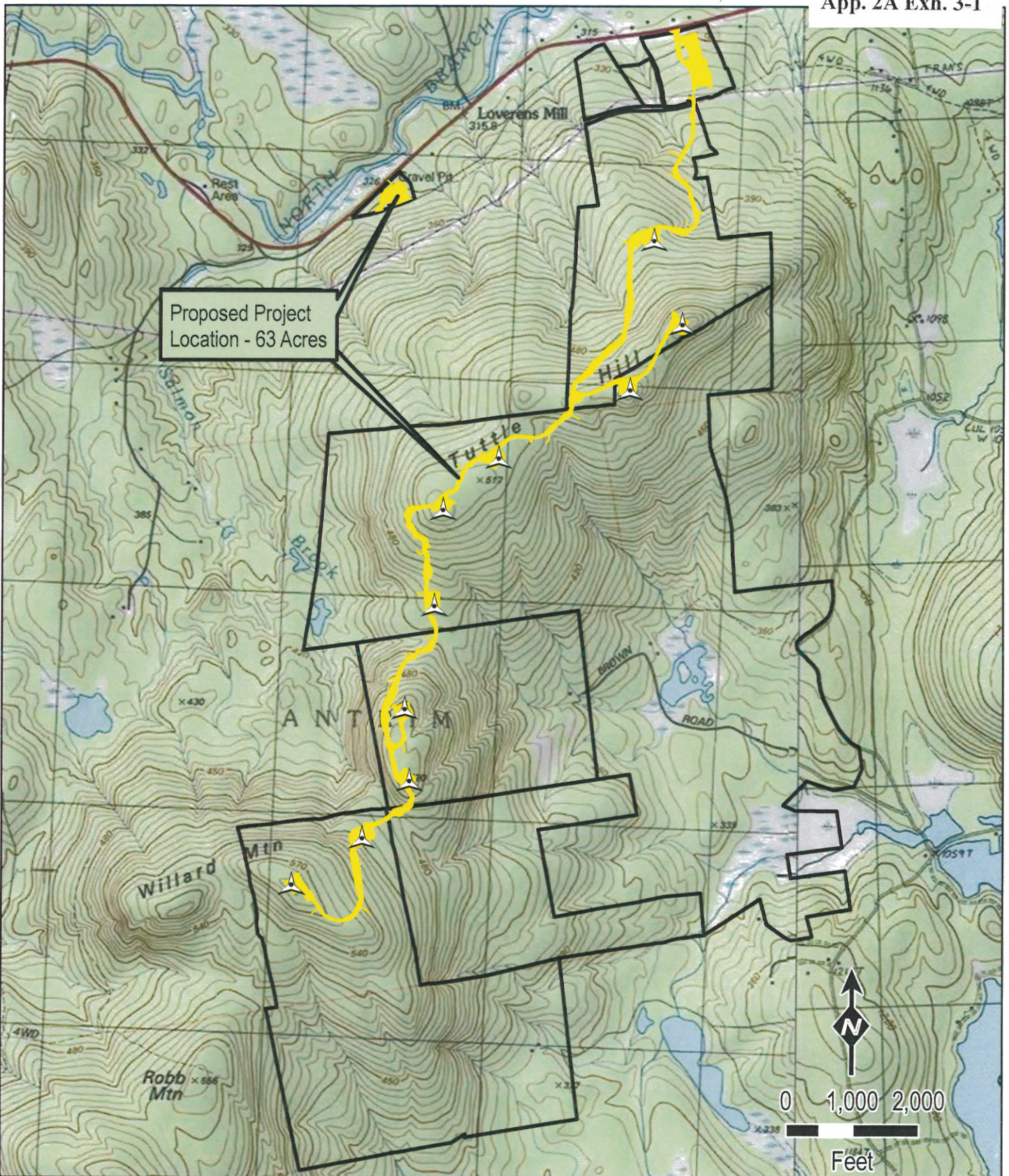
**Subject:** Final Report: Site Evaluation Committee #2012-01  
Application for Antrim Wind Energy, LLC

The Natural Heritage Bureau (NHB), under the auspices of the NH Native Plant Protection Act of 1987 (RSA 217-A), has reviewed the application materials for Antrim Wind Energy, LLC.

NHB had requested a final site visit during the growing as a last review step. This site review was conducted on 13 July 2012. The purpose of the visit was to search for a state-listed plant species within a few targeted natural community types with greater potential for rare species. No rare plant species were observed during the surveys.

Based on the observations made during the site visit and the application materials provided, NHB has determined that it is unlikely that the proposed wind facility will impact rare plants species or exemplary natural communities.





T:\PROJECTS\AUGUSTA\ANTRIM\Project Location Map.mxd




### Legend

-  Proposed WTG
-  Proposed Project Location- 63 Acres
-  Project Parcels

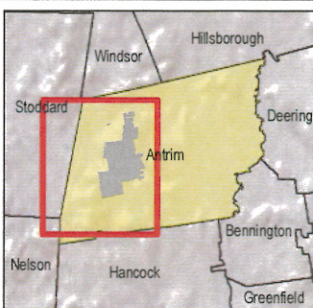
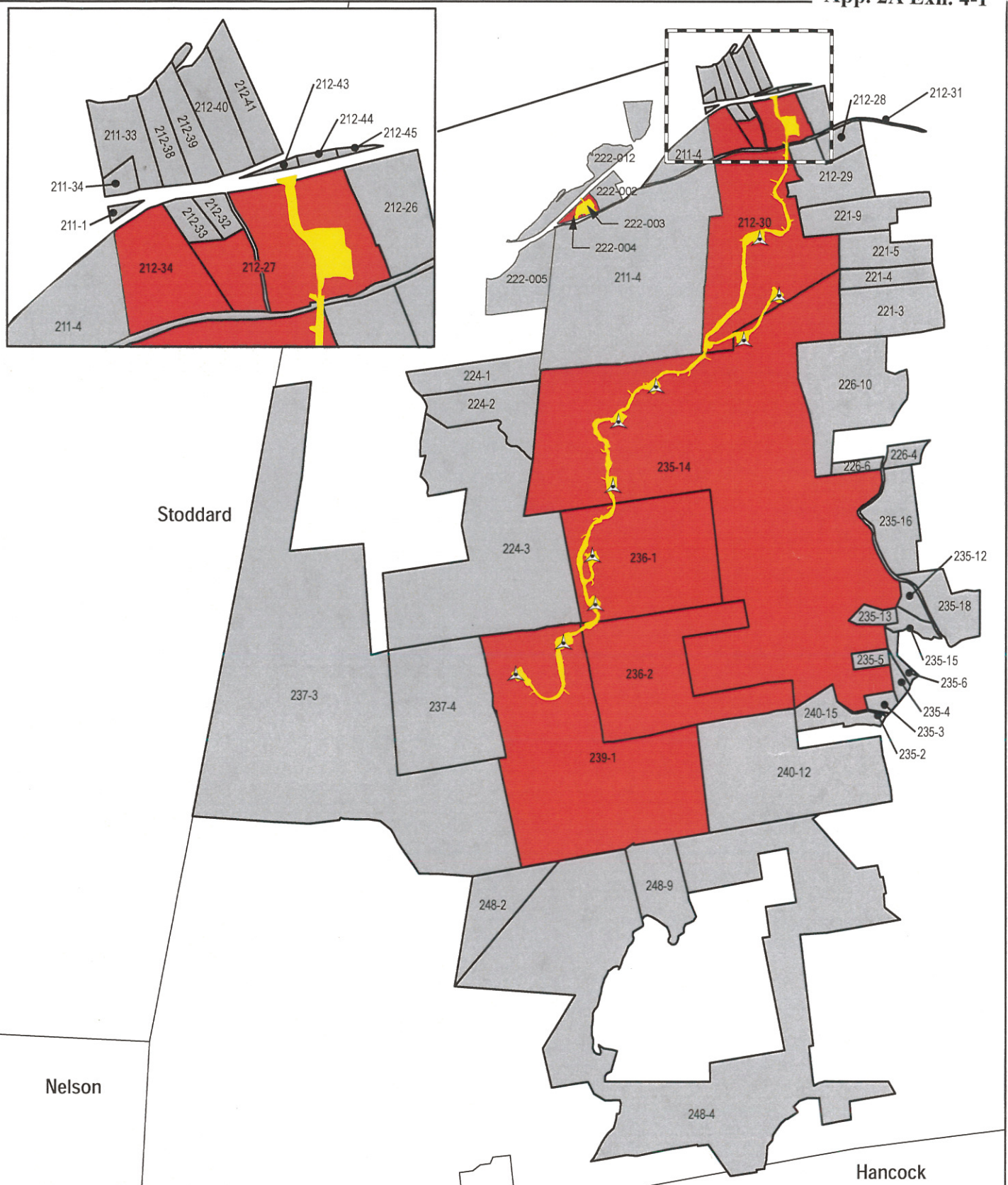


**ANTRIM WIND  
ENERGY PROJECT**  
354 KEENE ROAD, ANTRIM, NH  
Revised Project  
Location Map





Produced by: 

8/2/2012






### Legend

-  Proposed WTG
-  Proposed Project Area - 57 Acres
-  Project Parcels
-  Abutter



**ANTRIM WIND  
ENERGY PROJECT**  
354 KEENE ROAD, ANTRIM, NH  
Revised Project Abutter Map

Produced by:  CTRC

8/2/2012

Map_Lot	Name	Address
211-004	ELLENS PASTELS & ART HOUSE LLC	25 North Holt Hill Rd. Antrim NH 03440
222-002	TUTTLE MOUNTAIN LEASING LLC	1580 Bennington Rd. Francestown NH 03043
222-005	MEADOWSEND TIMBERLANDS LIM PAR	PO Box 966 New London NH 03257
222-012	Yakovakis, Matthew and Audrey	39 Juniper Drive, Amherst, NH 03031



ABUTTER NOTIFICATION  
OF  
WETLANDS PERMIT APPLICATION

*VIA CERTIFIED MAIL*

August 3, 2012

Matthew & Audrey Yakovakis  
39 Juniper Drive  
Amherst, NH 03031

RE: Wetlands Permit Application Amendment  
Antrim Wind Energy LLC  
155 Fleet Street  
Portsmouth, NH 03801-4050  
Tax Map-Lot #: 211-004, 222-002, 222-005, 222-012

Dear Sir or Madam:

This letter is to inform you that a permit application amendment will be filed with the NH Department of Environmental Services for a wetlands permit associated with the above referenced project. Under state law RSA 482-A:3 I (d)(1), I am required to notify you about the application, which proposes work abutting your property.

Once it is filed, the permit application amendment, including plans that show the proposed project will be available for viewing at the City or Town Clerk's Office in the town where the proposed project is located.

Sincerely,

John B. Kenworthy  
*Executive Officer*  
**Antrim Wind Energy LLC**  
155 Fleet Street  
Portsmouth, NH 03801-4050  
Phone: 603-570-4842

ABUTTER NOTIFICATION  
OF  
WETLANDS PERMIT APPLICATION

*VIA CERTIFIED MAIL*

August 3, 2012

Ellens Pastels & Art House LLC  
25 North Holt Hill Road  
Antrim, NH 03440

RE: Wetlands Permit Application Amendment  
Antrim Wind Energy LLC  
155 Fleet Street  
Portsmouth, NH 03801-4050  
Tax Map-Lot #: 211-004, 222-002, 222-005, 222-012

Dear Sir or Madam:

This letter is to inform you that a permit application amendment will be filed with the NH Department of Environmental Services for a wetlands permit associated with the above referenced project. Under state law RSA 482-A:3 I (d)(1), I am required to notify you about the application, which proposes work abutting your property.

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Sincerely,

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Phone: 603-570-4842