

**From:** [Wadiak, Kathleen](#)  
**To:** [Lindsey White](#); [Mauck, Ridgely](#)  
**Cc:** [Winters, Melissa](#); [FGC: NHFG review](#); [Erasquin, Richard](#); [Yuengling, Kurt](#); [Berger, Emma](#); [Friend, Ashley C](#)  
**Subject:** Final NHFG Conditions RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth  
**Date:** Friday, February 3, 2023 1:31:36 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[NHFG GZA Buffer Impact Emails NHB22-2059 NHB22-2060 NHB22-2061.pdf](#)

---

Lindsey and Ridge,

Below are NHFG's recommended permit conditions that were initially issued 11/18/22 amended to include the unavoidable vernal pool buffer impacts described by Lindsey White of GZA in emails from 1/20/23 to 2/3/23 (attached). The updated condition (in bold) is based on the attached correspondence and the plan sheets "B112 NHFG Plans 011923" that were submitted to NHFG 1/20/23. Please let me know if you have any questions or concerns.

NHFG has completed its review of the materials submitted by Lindsey White of GZA 8/10/22 for NHB22-2059, NHB22-2060, NHB22-2061. The proposed project is for the replacement of 273 utility poles on the B112 transmission line in Campton, Sandwich, and Tamworth.

Permit applications associated with this review:

- NHDES Statutory Permit by Notification
- NHDES Shoreland Permit by Notification
- NHDES Alteration of Terrain Permit

Notify NHFG if/when phases (vegetation removal, structure replacements, restoration, etc.) on this project begin and finish. Please use subject line "NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Work Start/End Notification"

Lindsey White of GZA requested clarification on some BMPs. If these questions are not answered in the below recommendations, contact NHFG for further explanation.

**Based on the NHB datacheck results letter and the information provided in the submission, we request the following recommended permit conditions. These conditions are recommended to be included in the final wetlands permit if approved. For consideration in the AoT permit review process, please incorporate recommendations along with associated materials as detailed, into the sheet plans as written below (updated highlighted text as applicable) and provide to NHDES and cc NHFG for final review.**

-  
[New Hampshire Fish and Game Permit Conditions](#)

- BMPs in the document titled "GZA B112 NHFG BMP Recommendations 11-1-22" submitted to NHFG 11/1/22 (attached) shall be adhered to at all times during this project.
- Blanding's turtle (state endangered), spotted turtle (state threatened), common nighthawk (state endangered), Northern black racer (state threatened), and wood turtle (state species of special concern) occur within the vicinity of the project area. All operators and personnel working on or entering the site shall be made aware of the potential presence of these

species and shall be provided flyers that help to identify these species, along with NHFG contact information. Rare species information (e.g. identification, observation and reporting of observations, when to contact NHFG immediately and NHFG contact information) shall be posted on site at all times and communicated during morning tailgate meetings prior to work commencement. See Plan Sheet **xxxxxx**. *Include attached flyers to plan sheet set.*

- Observations of Northern black racers at any time shall be reported immediately to the New Hampshire Fish and Game Department Nongame and Endangered Wildlife Environmental Review Program. Please contact Melissa Winters (603-479-1129) or Brendan Clifford (603-944-0885). Please include photograph with text if feasible.
- Turtles and snakes may be attracted to disturbed ground during nesting season. Turtle nesting season occurs approximately May 15<sup>th</sup> – June 30<sup>th</sup>. Nesting areas may include work pads and access roads that are not hard pack gravel and other sandy/gravel work areas. All turtle species nests and Northern black racer nests are protected by NH laws. Be aware of the potential to encounter nesting wildlife in these areas.
- If a nest is observed or suspected, operators shall contact Melissa Winters (603-479-1129) or Josh Megyesy (978-578-0802) at NHFG immediately for further consultation. The nest or suspected nest shall be marked (surrounding roped off or cone buffer) and avoided; this shall be communicated to all personnel onsite. Site activities shall not occur in the area surrounding the nest or suspected nest until further guidance is provided by NHFG.
- **Vernal pools and potential vernal pools shall be flagged prior to work, and impacts shall be avoided. No disturb vegetative buffers of 50' shall be maintained around vernal pools with the exception of the impacts shown on plan sheets "B112 NHFG Plans 011923" dated January, 2023 and submitted to NHFG January 20, 2023. See plan sheet **xxxxxx**.**
- All matting which will be placed in waterbodies deemed suitable for hibernating rare turtles will be placed prior to the start of the inactive season (October 16-March 31) so as to prevent accidental placement atop hibernating turtles. Immediately prior to matting placement in these wetlands, the area shall be swept by a qualified biologist or herpetologist to ensure any turtles relocate away from the area to be matted. Areas identified as suitable hibernation habitat shall be identified on plan sheets and provided to NHFG prior to beginning work.
- Sweeps of work areas and access routes shall be conducted immediately prior to start of work and equipment movement in order to minimize the potential of animals entering a work area between the sweep and activity. Sweeps shall be conducted by staff trained in rare species identification and habitat.
- Common nighthawks nest on areas of bare ground. If common nighthawks are found nesting on the ground or are observed to display nesting behavior (on ground, hissing, broken wing display) in the vicinity of the project area, flag and rope off a 50 ft perimeter around the nest and immediately contact Melissa Winters at 603-479-1129. Project activities shall cease until there is further instruction by NHFG. Migratory bird nests are protected under NH and federal laws.
- All work activities shall be restricted to the defined roads, construction areas, and staging areas, with no equipment or materials staged or stored outside of the defined areas as shown on plan sheets.
- Minimize work pad areas, including matting, to the greatest extent possible, especially in wetlands and other sensitive areas.
- Works pads shall be reduced post-construction to 30' x 60' and restored with a native vegetation seed mix.

- All manufactured erosion and sediment control products, with the exception of turf reinforcement mats, utilized for, but not limited to, slope protection, runoff diversion, slope interruption, perimeter control, inlet protection, check dams, and sediment traps shall not contain plastic, or multifilament or monofilament polypropylene netting or mesh with an opening size of greater than 1/8 inches;
- All observations of threatened or endangered species on the project site shall be reported immediately to the NHFG nongame and endangered wildlife environmental review program by phone at 603-271-2461 and by email at [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov), with the email subject line containing the NHB DataCheck tool results letter assigned number, the project name, and the term Wildlife Species Observation;
- Photographs of the observed species and nearby elements of habitat or areas of land disturbance shall be provided to NHFG in digital format at the above email address for verification, as feasible;
- In the event a threatened or endangered species is observed on the project site during the term of the permit, the species shall not be disturbed, handled, or harmed in any way prior to consultation with NHFG and implementation of corrective actions recommended by NHFG.
  - Site operators shall be allowed to relocate wildlife encountered if discovered within the active work zone and if in direct harm from project activities. Wildlife shall be relocated in close proximity to the capture location but outside of the work zone and in the direction the individual was heading. NHFG shall be contacted immediately if this action occurs.
- The NHFG, including its employees and authorized agents, shall have access to the property during the term of the permit.

#### Additional Recommendations:

- Smooth green snakes (state species of special concern) occur within the vicinity of the project site. Site operators should be informed of the potential presences of this species and shall be provided a flyer that helps to identify this species along with NHFG contact information. See Plan Sheet xxxxxx. *Include attached flyers to plan sheet set.*
- There are known records of rusty blackbird (state species of special concern) in the vicinity of structures 80-95. If birds are observed to display nesting behavior (for example: calling, swooping, agitated/territorial behavior), contact the Wildlife Division at 603-271-2461 or [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov). Provide NHB number and Project name. Migratory bird nests are protected under NH and federal laws.
- There are known records of Vesper sparrow (state species of special concern) in the vicinity of structures 182-188. If birds are observed to display nesting behavior (for example: calling, swooping, agitated/territorial behavior), contact the Wildlife Division at 603-271-2461 or [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov). Provide NHB number and Project name. Migratory bird nests are protected under NH and federal laws.
- Avoid clearing suitable spring staging and fall swarming habitat within a 5-mile radius (structures 1-64) of known or assumed northern long-eared bat hibernacula during the staging and swarming seasons (April 1 to May 15 and August 15 to November 14, respectively). Conduct tree removal activities for non-hazard trees outside of the northern long-eared bat pup season (June 1 to July 31) and/or the active season (April 1 to October 31). This will minimize impacts to pups at roosts not yet identified. Conserving trees around wetlands and riparian areas can provide both foraging and commuting habitats for bats.
- Retaining snags, cavity trees, and potential roost trees greater than 4" in diameter can provide roosting habitat for bats. Manage forests to ensure a continual supply of snags and other suitable maternity roost trees. Leaving these within a patch of trees will protect from windthrows.

NHFG has completed our review of materials submitted for consultation under FIS 1004. No further coordination with NHFG is requested, and the final recommendations have been transmitted to the applicable permitting agency. Questions or concerns on NHFG recommendations must follow FIS 1004.12. Note that NHFG recommendations may be withdrawn pursuant to FIS 1004.13.

Let me know if you have any questions.

Thank you,  
Kat

---

**From:** Lindsey White <Lindsey.White@gza.com>  
**Sent:** Friday, February 3, 2023 12:46 PM  
**To:** Wadiak, Kathleen <Kathleen.P.Wadiak@wildlife.nh.gov>; Mauck, Ridgely <Addison.R.Mauck@des.nh.gov>  
**Cc:** Winters, Melissa <Melissa.J.Winters@wildlife.nh.gov>; FGC: NHFG review <NHFGreview@wildlife.nh.gov>; Erausquin, Richard <Richard.Erausquin@des.nh.gov>; Yuengling, Kurt <Kurt.R.Yuengling@des.nh.gov>; Berger, Emma <Emma.Berger@des.nh.gov>; Friend, Ashley C <ashley.friend@eversource.com>  
**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

Hi Kat,

Apologies- just did a double look and can confirm the proposed buffer impacts and minimization impacts described in the 1/20/23 email are shown on the B112 NHFG Plans 011923.

Thank you,

**Lindsey E. White, CPSS**  
**Project Manager**

GZA | 5 Commerce Park North | Bedford, NH 03110  
o: 603.232.8753 | c: 603.851.9287 | [lindsey.white@gza.com](mailto:lindsey.white@gza.com) | [www.gza.com](http://www.gza.com) | [LinkedIn](#)

[GEO TECHNICAL](#) | [ENVIRONMENTAL](#) | [ECOLOGICAL](#) | [WATER](#) | [CONSTRUCTION MANAGEMENT](#)  
Known for excellence. Built on trust.

---

**From:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>  
**Sent:** Friday, February 3, 2023 12:41 PM  
**To:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>  
**Cc:** Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>; Yuengling,

Kurt <[Kurt.R.Yuengling@des.nh.gov](mailto:Kurt.R.Yuengling@des.nh.gov)>; Berger, Emma <[Emma.Berger@des.nh.gov](mailto:Emma.Berger@des.nh.gov)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>

**Subject:** [EXTERNAL] RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

**Ridge,**

Yes, I can modify that permit condition.

**Lindsey,**

Are all of the buffer impacts and minimization efforts described in your 1/20/23 email shown on the plan sheet "B112 NHFG Plans 011923." The file is too big for me to attach again, but it was included with the 1/20 email.

Thanks,  
Kat

---

**From:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>

**Sent:** Friday, February 3, 2023 12:02 PM

**To:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>; Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>

**Cc:** Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>; Yuengling, Kurt <[Kurt.R.Yuengling@des.nh.gov](mailto:Kurt.R.Yuengling@des.nh.gov)>; Berger, Emma <[Emma.Berger@des.nh.gov](mailto:Emma.Berger@des.nh.gov)>

**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

Hi Kat,

Based upon the discussion in the email thread below, will NHFG be modifying the NHFG Permit Conditions provided on 11/18/22?

Thanks,  
Ridge

---

**From:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>

**Sent:** Friday, February 3, 2023 11:07 AM

**To:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>

**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>; Yuengling, Kurt <[Kurt.R.Yuengling@des.nh.gov](mailto:Kurt.R.Yuengling@des.nh.gov)>; Berger, Emma <[Emma.Berger@des.nh.gov](mailto:Emma.Berger@des.nh.gov)>

**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

Hi Lindsey,

Thanks for the explanations for each wetland and the follow-ups.

In this case, NHFG will agree to the impacts and minimization efforts to the vernal pool buffers described in your email below (1/20/23). **Please note that all vernal pools and potential vernal pools shall still be flagged prior to work, and impacts shall be avoided.** NHFG requests early coordination on possible vernal pool buffer impacts on future projects.

Thank you for attaching the plan sheets showing suitable habitat for hibernating turtles and for your explanation of how these conclusions were drawn. Installed matting may be removed between October 16 and March 31.

I have discussed your question regarding northern long-eared bat with our bat biologist. These bats use a variety of habitats, and there are no specific definitions that I know of for spring staging and fall swarming habitats. Below is the definition of suitable summer habitat from the USFWS for reference. If you have questions based on specific habitat types in the areas of proposed cutting, please let me know.

“DEFINITION FOR POTENTIALLY SUITABLE NORTHERN LONG-EARED BAT SUMMER HABITAT Suitable summer habitat for the NLEB consists of a wide variety of forested/wooded habitats where they roost, forage, and travel and may also include some adjacent and interspersed non-forested habitats such as emergent wetlands and adjacent edges of agricultural fields, old fields and pastures. This includes forests and woodlots containing potential roosts (i.e., live trees and/or snags  $\geq 3$  inches dbh that have exfoliating bark, cracks, crevices, and/or cavities), as well as linear features such as fencerows, riparian forests, and other wooded corridors. These wooded areas may be dense or loose aggregates of trees with variable amounts of canopy closure. NLEBs are nocturnal foragers and use hawking (catching insects in flight) and gleaning (picking insects from surfaces) behaviors in conjunction with passive acoustic cues (Nagorsen and Brigham 1993, p. 88; Ratcliffe and Dawson 2003, p. 851). NLEB seem to prefer intact mixed-type forests with small gaps (i.e., forest trails, small roads, or forest-covered creeks) in forest with sparse or medium vegetation for foraging and commuting rather than fragmented habitat or areas that have been clear cut (USFWS 2015, p. 17992). Individual trees may be considered suitable habitat when they exhibit characteristics of suitable roost trees and are within 1,000 feet of other forested/wooded habitat. The NLEB has also been observed roosting in human-made structures, such as buildings, barns, bridges, and bat houses; therefore, these structures should also be considered potential summer habitat. NLEBs typically occupy their summer habitat from mid-May through mid-August each year and the species may arrive or leave some time before or after this period.

Examples of unsuitable habitat:

- Individual trees that are greater than 1,000 feet from forested/wooded areas;
- Trees found in highly-developed urban areas (e.g., street trees, downtown areas); and
- A pure stand of less than 3-inch dbh trees that are not mixed with larger trees.”

Let me know if you have any further questions or concerns.

Thanks,

Kat

---

**From:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>  
**Sent:** Thursday, February 2, 2023 3:54 PM  
**To:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>  
**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>  
**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

That is correct.

Thanks,

**Lindsey E. White, CPSS**  
**Project Manager**

GZA | 5 Commerce Park North | Bedford, NH 03110

o: 603.232.8753 | c: 603.851.9287 | [lindsey.white@gza.com](mailto:lindsey.white@gza.com) | [www.gza.com](http://www.gza.com) | [LinkedIn](#)

[GEOLOGICAL](#) | [ENVIRONMENTAL](#) | [ECOLOGICAL](#) | [WATER](#) | [CONSTRUCTION MANAGEMENT](#)

Known for excellence. Built on trust.

---

**From:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>  
**Sent:** Thursday, February 2, 2023 3:52 PM  
**To:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>  
**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>  
**Subject:** [EXTERNAL] RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

— — —  
So gravel would not be installed in the uplands within the other 50 ft buffer areas?

Thanks,  
Kat

---

**From:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>  
**Sent:** Thursday, February 2, 2023 3:25 PM

**To:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>  
**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>  
**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

Hi Kat,

Eversource would need to install gravel in the uplands within the 50-ft vernal pool buffer of these two wetlands, but that gravel would be removed and the temporarily disturbed upland area would be restored once work is complete. That's why these two wetland buffers were worded differently.

Thanks!

**Lindsey E. White, CPSS**

**Project Manager**

GZA | 5 Commerce Park North | Bedford, NH 03110

o: 603.232.8753 | c: 603.851.9287 | [lindsey.white@gza.com](mailto:lindsey.white@gza.com) | [www.gza.com](http://www.gza.com) | [LinkedIn](#)

[GEOTECHNICAL](#) | [ENVIRONMENTAL](#) | [ECOLOGICAL](#) | [WATER](#) | [CONSTRUCTION MANAGEMENT](#)

Known for excellence. Built on trust.

---

**From:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>  
**Sent:** Thursday, February 2, 2023 3:18 PM  
**To:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>  
**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>  
**Subject:** [EXTERNAL] RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

Hi Lindsey,

Thanks for the follow-up. I'm curious as to why restoration was called out specifically for wetland buffers around TW-11 and TW-26. Can you let me know what the process differences are between those wetlands and the others?

Kat

---

**From:** Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>



**Sent:** Friday, January 20, 2023 3:05 PM

**To:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>; Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>

**Cc:** Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Erausquin, Richard <[Richard.Erausquin@des.nh.gov](mailto:Richard.Erausquin@des.nh.gov)>

**Subject:** RE: NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

**EXTERNAL:** Do not open attachments or click on links unless you recognize and trust the sender.

---

I'm using Mimecast to share large files with you. Please see the attached instructions.

---

Hi Kat,

We are looking to follow up on a few of the BMP requests made by NHFG for the B112 Rebuild Project.

The first BMP we would like to discuss is "Vernal pools and potential vernal pools shall be flagged prior to the start of work, and impacts shall be avoided. No disturb vegetative buffers of 50-ft shall be maintained." We have added 50-ft buffers to our VPs and PVPs on the attached plan set.

**However, due to the size of the right-of-way (ROW) and the location of the VPs and PVPs and accompanying 50-ft buffers, complete avoidance of the buffers is not possible in the maintained ROW.** We list each of the VPs and PVPs below and what the Eversource team can do to minimize and mitigate buffer impacts:

- Wetland CW-5 by Structure 5 - Proposed location of pole replacement has been moved outside the 50-ft buffer, and the contractor will upland mat the portion of the work pad within the 50-ft buffer.
- Wetland SW-13 by Structure 68-69 - 50-ft buffer encompasses entirety of the maintained ROW. Eversource will utilize temporary timber matting through the wetland and upland portion of the 50-ft buffer.
- Wetland SW-107 by Structure 170-171 - access must remain on the south side of the ROW through the 50-ft buffer due to a temporary construction phase on the north side of the ROW. Access on the north side would result in an electrical safety hazard. Contractors will utilize temporary timber matting through 50-ft buffer.
- Wetland TW-11 by Structure 198-199 - 50-ft buffer compasses entirety of the maintained ROW. Due to the topography on the east side of the wetland upland matting is not safe to use. Eversource will complete restoration within the 50-ft buffer after completion of work.
- Wetland TW-13 - access must remain on the south side of the ROW in order to utilize the existing stone wall breach. The PVP is located in the woods outside the maintained ROW. Contractor will utilize temporary timber matting within the 50-ft buffer.
- Wetland TW-23 - Access located on the north side of the ROW as much out of the 50-ft buffer as possible. Contractor will utilize temporary timber matting in 50-ft buffer.
- Wetland TW-26 - small portion of Structure 211 work pad required within 50-ft buffer. Due to

the structure type and on an angle, the size of the work pad is necessary for safety. Eversource will complete restoration within the 50-ft buffer after work is completed. Restored work pad size will be a 30'x60' pad that will not be within the buffer.

The next BMP bullet requests placing matting within suitable habitat for hibernating turtles prior to the start of the inactive season. GZA has included callouts and symbology within the attached plan set which shows wetlands that are classified as hibernating habitat for rare species. Waterbodies were considered suitable for overwintering habitat for spotted/Blanding's turtles where wetlands had persistent standing water in the winter (e.g. with areas with 2 feet+ of standing water), and were considered suitable for overwintering habitat for wood turtles where lower perennial streams were present, taking into account the wetland classification, review of Google Earth Imagery, and field review. The overview was completed by myself and Tracy Tarr.

- We understand matting must be placed prior to October 16 to avoid installing matting over hibernating turtles, but **can the installed matting be removed between October 16 and March 31?** We assume this removal would not be an issue since there will not be any hibernating turtles underneath the mats as they are placed prior to October 16, and it would allow for restoration of these areas to occur sooner.

Lastly, under Additional Recommendations, one of the BMPs asks to avoid clearing suitable spring staging and fall swarming habitat within a 5-mile radius (Structures 1-64) of known or assumed northern long-eared bat hibernacula during the staging and swarming seasons. **Could you please provide additional details on the definition of spring staging and fall swarming habitat?**

Thank you in advance!

**Lindsey E. White, CPSS**  
**Project Manager**

GZA | 5 Commerce Park North | Bedford, NH 03110

o: 603.232.8753 | c: 603.851.9287 | [lindsey.white@gza.com](mailto:lindsey.white@gza.com) | [www.gza.com](http://www.gza.com) | [LinkedIn](#)

[GEO TECHNICAL](#) | [ENVIRONMENTAL](#) | [ECOLOGICAL](#) | [WATER](#) | [CONSTRUCTION MANAGEMENT](#)

Known for excellence. Built on trust.

---

**From:** Wadiak, Kathleen <[Kathleen.P.Wadiak@wildlife.nh.gov](mailto:Kathleen.P.Wadiak@wildlife.nh.gov)>

**Sent:** Friday, November 18, 2022 10:55 AM

**To:** Friend, Ashley C <[ashley.friend@eversource.com](mailto:ashley.friend@eversource.com)>

**Cc:** FGC: NHFG review <[NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov)>; Winters, Melissa <[Melissa.J.Winters@wildlife.nh.gov](mailto:Melissa.J.Winters@wildlife.nh.gov)>; Lindsey White <[Lindsey.White@gza.com](mailto:Lindsey.White@gza.com)>; Eerausquin, Richard <[Richard.Eerausquin@des.nh.gov](mailto:Richard.Eerausquin@des.nh.gov)>; Mauck, Ridgely <[Addison.R.Mauck@des.nh.gov](mailto:Addison.R.Mauck@des.nh.gov)>

**Subject:** [EXTERNAL] NHFG Review NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Structure Replacement Campton Sandwich Tamworth

Ashley,

NHFG has completed its review of the materials submitted by Lindsey White of GZA 8/10/22 for

NHB22-2059, NHB22-2060, NHB22-2061. The proposed project is for the replacement of 273 utility poles on the B112 transmission line in Campton, Sandwich, and Tamworth.

Permit applications associated with this review:

- NHDES Statutory Permit by Notification
- NHDES Shoreland Permit by Notification
- NHDES Alteration of Terrain Permit

Notify NHFG if/when phases (vegetation removal, structure replacements, restoration, etc.) on this project begin and finish. Please use subject line “NHB22-2059, NHB22-2060, NHB22-2061 Eversource B112 Work Start/End Notification”

Lindsey White of GZA requested clarification on some BMPs. If these questions are not answered in the below recommendations, contact NHFG for further explanation.

**Based on the NHB datacheck results letter and the information provided in the submission, we request the following recommended permit conditions. These conditions are recommended to be included in the final wetlands permit if approved. For consideration in the AoT permit review process, please incorporate recommendations along with associated materials as detailed, into the sheet plans as written below (updated highlighted text as applicable) and provide to NHDES and cc NHFG for final review.**

New Hampshire Fish and Game Permit Conditions

- BMPs in the document titled “GZA B112 NHFG BMP Recommendations 11-1-22” submitted to NHFG 11/1/22 (attached) shall be adhered to at all times during this project.
- Blanding’s turtle (state endangered), spotted turtle (state threatened), common nighthawk (state endangered), Northern black racer (state threatened), and wood turtle (state species of special concern) occur within the vicinity of the project area. All operators and personnel working on or entering the site shall be made aware of the potential presence of these species and shall be provided flyers that help to identify these species, along with NHFG contact information. Rare species information (e.g. identification, observation and reporting of observations, when to contact NHFG immediately and NHFG contact information) shall be posted on site at all times and communicated during morning tailgate meetings prior to work commencement. See Plan Sheet xxxxxx. *Include attached flyers to plan sheet set.*
- Observations of Northern black racers at any time shall be reported immediately to the New Hampshire Fish and Game Department Nongame and Endangered Wildlife Environmental Review Program. Please contact Melissa Winters (603-479-1129) or Brendan Clifford (603-944-0885). Please include photograph with text if feasible.
- Turtles and snakes may be attracted to disturbed ground during nesting season. Turtle nesting season occurs approximately May 15<sup>th</sup> – June 30<sup>th</sup>. Nesting areas may include work pads and access roads that are not hard pack gravel and other sandy/gravel work areas. All turtle species nests and Northern black racer nests are protected by NH laws. Be aware of the potential to encounter nesting wildlife in these areas.
- If a nest is observed or suspected, operators shall contact Melissa Winters (603-479-1129) or Josh Megyesy (978-578-0802) at NHFG immediately for further consultation. The nest or

suspected nest shall be marked (surrounding roped off or cone buffer) and avoided; this shall be communicated to all personnel onsite. Site activities shall not occur in the area surrounding the nest or suspected nest until further guidance is provided by NHFG.

- Vernal pools and potential vernal pools shall be flagged prior to work, and impacts shall be avoided. No disturb vegetative buffers of 50' shall be maintained.
- All matting which will be placed in waterbodies deemed suitable for hibernating rare turtles will be placed prior to the start of the inactive season (October 16-March 31) so as to prevent accidental placement atop hibernating turtles. Immediately prior to matting placement in these wetlands, the area shall be swept by a qualified biologist or herpetologist to ensure any turtles relocate away from the area to be matted. Areas identified as suitable hibernation habitat shall be identified on plan sheets and provided to NHFG prior to beginning work.
- Sweeps of work areas and access routes shall be conducted immediately prior to start of work and equipment movement in order to minimize the potential of animals entering a work area between the sweep and activity. Sweeps shall be conducted by staff trained in rare species identification and habitat.
- Common nighthawks nest on areas of bare ground. If common nighthawks are found nesting on the ground or are observed to display nesting behavior (on ground, hissing, broken wing display) in the vicinity of the project area, flag and rope off a 50 ft perimeter around the nest and immediately contact Melissa Winters at 603-479-1129. Project activities shall cease until there is further instruction by NHFG. Migratory bird nests are protected under NH and federal laws.
- All work activities shall be restricted to the defined roads, construction areas, and staging areas, with no equipment or materials staged or stored outside of the defined areas as shown on plan sheets.
- Minimize work pad areas, including matting, to the greatest extent possible, especially in wetlands and other sensitive areas.
- Works pads shall be reduced post-construction to 30' x 60' and restored with a native vegetation seed mix.
- All manufactured erosion and sediment control products, with the exception of turf reinforcement mats, utilized for, but not limited to, slope protection, runoff diversion, slope interruption, perimeter control, inlet protection, check dams, and sediment traps shall not contain plastic, or multifilament or monofilament polypropylene netting or mesh with an opening size of greater than 1/8 inches;
- All observations of threatened or endangered species on the project site shall be reported immediately to the NHFG nongame and endangered wildlife environmental review program by phone at 603-271-2461 and by email at [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov), with the email subject line containing the NHB DataCheck tool results letter assigned number, the project name, and the term Wildlife Species Observation;
- Photographs of the observed species and nearby elements of habitat or areas of land disturbance shall be provided to NHFG in digital format at the above email address for verification, as feasible;
- In the event a threatened or endangered species is observed on the project site during the term of the permit, the species shall not be disturbed, handled, or harmed in any way prior to consultation with NHFG and implementation of corrective actions recommended by NHFG.
  - Site operators shall be allowed to relocate wildlife encountered if discovered within the active work zone and if in direct harm from project activities. Wildlife shall be relocated in close proximity to the capture location but outside of the work zone and in the direction the individual was heading. NHFG shall be contacted immediately if this action occurs.
- The NHFG, including its employees and authorized agents, shall have access to the property during the term of the permit.

Additional Recommendations:

- Smooth green snakes (state species of special concern) occur within the vicinity of the project site. Site operators should be informed of the potential presences of this species and shall be provided a flyer that helps to identify this species along with NHFG contact information. See Plan Sheet **xxxxxx**. *Include attached flyers to plan sheet set.*
- There are known records of rusty blackbird (state species of special concern) in the vicinity of structures 80-95. If birds are observed to display nesting behavior (for example: calling, swooping, agitated/territorial behavior), contact the Wildlife Division at 603-271-2461 or [NHFGReview@wildlife.nh.gov](mailto:NHFGReview@wildlife.nh.gov). Provide NHB number and Project name. Migratory bird nests are protected under NH and federal laws.
- There are known records of Vesper sparrow (state species of special concern) in the vicinity of structures 182-188. If birds are observed to display nesting behavior (for example: calling, swooping, agitated/territorial behavior), contact the Wildlife Division at 603-271-2461 or [NHFGReview@wildlife.nh.gov](mailto:NHFGReview@wildlife.nh.gov). Provide NHB number and Project name. Migratory bird nests are protected under NH and federal laws.
- Avoid clearing suitable spring staging and fall swarming habitat within a 5-mile radius (structures 1-64) of known or assumed northern long-eared bat hibernacula during the staging and swarming seasons (April 1 to May 15 and August 15 to November 14, respectively). Conduct tree removal activities for non-hazard trees outside of the northern long-eared bat pup season (June 1 to July 31) and/or the active season (April 1 to October 31). This will minimize impacts to pups at roosts not yet identified. Conserving trees around wetlands and riparian areas can provide both foraging and commuting habitats for bats.
- Retaining snags, cavity trees, and potential roost trees greater than 4" in diameter can provide roosting habitat for bats. Manage forests to ensure a continual supply of snags and other suitable maternity roost trees. Leaving these within a patch of trees will protect from windthrows.

NHFG has completed our review of materials submitted for consultation under FIS 1004. No further coordination with NHFG is requested, and the final recommendations have been transmitted to the applicable permitting agency. Questions or concerns on NHFG recommendations must follow FIS 1004.12. Note that NHFG recommendations may be withdrawn pursuant to FIS 1004.13.

Let me know if you have any questions.

Thank you,  
Kat

Kat Wadiak  
Wildlife Biologist  
Nongame & Endangered Wildlife Program  
NH Fish and Game  
11 Hazen Drive  
Concord, NH 03301  
603-271-3017

As of February 3, 2022, New Hampshire Fish and Game requirements for environmental review consultation have changed. To review the new rules, please go to <https://www.wildlife.state.nh.us/wildlife/environmental-review.html>. All requests for consultation and submittals should be sent via email to [NHFGreview@wildlife.nh.gov](mailto:NHFGreview@wildlife.nh.gov) or can be sent by mail. **The NHB datacheck results letter number needs to be included in the email subject line.**

*The requirements for consultation (Fis 1004) shall not apply to the following: statutory permit by notification, permit by rule, permit by notification, routine roadway registration, docking structure registration, or conditional authorization by rule. Review requests for these projects can be sent directly to [kim.tuttle@wildlife.nh.gov](mailto:kim.tuttle@wildlife.nh.gov).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).*

---

*This electronic message is intended to be viewed only by the individual or entity to which it is addressed and may contain privileged and/or confidential information intended for the exclusive use of the addressee(s). If you are not the intended recipient, please be aware that any disclosure, printing, copying, distribution or use of this information is prohibited. If you have received this message in error, please notify the sender immediately and destroy this message and its attachments from your system.*

---

*For information about GZA GeoEnvironmental, Inc. and its services, please visit our website at [www.gza.com](http://www.gza.com).*