September 8, 2020

Craig Rennie NH DES Wetlands Bureau 29 Hazen Drive, PO Box 95 Concord, NH 03302-0095

Re: Wetlands Permit Application – Request for More Information

Hudson Logistics Center

NHDES File Number: 2020-00956

43 Steele Rd, Hudson, Tax Map #234, Lot #5

Dear Mr. Rennie:

We are pleased to provide the following information and enclosed documents in response to your Request for More Information, issued June 9, 2020 in connection with the above referenced permit application. Our responses have been itemized below as they appear in your letter.

1. As discussed in the pre-application meetings on January 15, 2020 and March 3, 2020, restoring and replanting areas within the 250 foot Shoreland Water Quality Protection Act (SWQPA) zone will provide an important buffer and long-term protection to the Merrimack River. The only planting plan provided (sheet LP100) was a large overview plan with dark shading (no shading legend), and provided no detail as to how these areas within the SWQPA zone will be replanted. The application summary states that 484,930 square feet of shoreland buffer will be restored by installing a native meadow seed mix, but it is not clear if other plantings are proposed in this area. Providing additional detailed planting plans for these shoreland areas would be helpful to NHDES to review these replanting efforts. In addition, the plans show 2 large infiltration basins located within the SWQPA zone. NHDES recommends that these basins be shifted or reoriented to upland areas outside of the SWQPA zone to better protect the long-term water quality of the Merrimack River as described in Env-Wt 307.03.

The enclosed revised plans include an enhanced restoration planting proposal for the 250-foot SWQPA zone (Shoreland Zone). Proposed planting now includes native trees and shrubs in addition to the meadow mix initially proposed. Care has also been taken to locate certain trees to provide additional screening of the buildings as viewed from the river the river as requested by the Lower Merrimack Local River Advisory Committee (LAC). Additionally, the two stormwater basins referenced in your request have been

relocated outside the Shoreland Zone. This revision also addresses the LAC concern about the same basins.

2. Review of grading plans indicate there are several fill slope areas that could further avoid and minimize wetland impacts by installing retaining walls or knee walls, similar to the walls proposed near wetland impact areas 1, 3, G, H and J. For example, retaining walls near wetland impact areas 2 and 5 could further reduce the overall wetland impact by several thousand square feet. Please address if further wetland avoidance and minimization could be achieved in these areas, as required by Rule Env-Wt 313.03.

Several adjustments have been made to the design which together have resulted in an impact reduction of 13,423 SF. The layout of the proposed development has been moved slightly north of the originally proposed location on the site, eliminating Impact Area 5 entirely and significantly reducing impacts at the traffic circle. Slopes were steepened along the access road as well. A new section of retaining wall was added to avoid a small impact to the Priority Resource Area just south of Steele Road that would have resulted from the revised design. Elsewhere, particularly at the traffic circle which will be a public road, retaining walls were identified during peer review as problematic considering the truck traffic and potential ongoing maintenance issues. It is therefore impractical to use additional retaining walls along the access road, especially considering the small amount impact that would be avoided and more significant avoidance achieved through other design adjustments.

3. The application checklist indicated that there will be no wetland impacts for stormwater features, however, wetland impact area 4 is proposing 21,970 square feet of impact to an existing man-made pond for a future stormwater basin. In accordance with Env-Wt 525.04(b), commercial development projects shall be designed so that the project does not use wetlands or surface waters to serve as stormwater or water quality treatment. Please address whether the stormwater basin could be relocated to adjacent upland areas in order to meet this requirement.

The pond is located directly adjacent to the building pad and access road which will be constructed approximately 10-feet above existing grades. Under the revised design, a little less than half of the proposed 21,970 SF of impact in this area is directly due to this grading. Approximately 2-3 feet of fill will be placed in the remainder of the pond to construct the bottom of the proposed Dry Extended Detention Basin in conjunction with the two large infiltration basins to either side. Therefore, the existing pond is being impacted to construct several elements of the development, including grading for stormwater BMP's but will not "...serve as stormwater or water quality treatment..."

4. Slope grading on sheet CG125 appears to show toe of slope filling into the existing wetland boundary, but these impacts where not labeled on the plans or

in the report. Please revise the grading in this area to avoid wetland impacts per Env-Wt 313.03.

The grading in this area has been adjusted so that there is no wetland impact at this location.

5. The proposed wetland impact area G does not have a planned culvert to maintain the hydrologic connection between adjacent wetlands as required by Env-Wt 313.03(b)(3). Wetland impact area G is also located within an identified FEMA flood zone X (shaded) that is considered to have a "moderate flooding risk", whereby maintaining the hydrologic connection may be critically important during extreme flood events. Please revise the plans accordingly.

This impact area consists of nearly flat area of maintained golf course turf with no flow between the wetland to either side of the proposed road. The proposed crossing is located at a slight high point with lower grades connecting the wetland with the ditch feature to the east (Impact Area F) which provides east-west connectivity. A culvert is not necessary in this area and would furthermore pose an additional maintenance item in a public roadway.

6. Please address the comments and concerns raised by the Lower Merrimack River Local Advisory Committee (LAC), which were submitted electronically to NHDES on June 4, 2020 (copy enclosed).

As described in response #1, the LAC concern regarding the two basins and their request for plantings to provide screening between the buildings and the river have been addressed and are depicted on the revised plans.

Porous pavement is clearly not suitable for the surfaces that will be subject to heavy truck traffic, which the LAC appears to acknowledge by requesting that it is used in employee parking areas. Porous pavement has not been proposed for use in the employee parking areas for the following reasons. The employee parking areas on this project will be subject comparatively heavier use than a retail or business use due to the 24 hour operation of the facility and near continually occupied parking areas. The maintenance requirements to ensure continued treatment capacity and structural integrity of porous pavement under these conditions is a concern for the both the owner of the development and the primary tenant. Additionally, the proposed stormwater management system has been designed in accordance with AOT standards and includes significant infiltration by way of large infiltration ponds.

The LAC was updated on these changes at their July meeting which was held for review of the Alteration of Terrain application. The stormwater concerns expressed in their June 9, 2020 comments will be addressed along with other additional comments as part of the AOT review. Lastly, the LAC was informed that the construction of a boat ramp, public or otherwise, will not

be considered suitable compensatory mitigation for any amount of the wetland impact incurred on project and that this was stated in item #9 of the RMI letter.

7. The NH Natural Heritage Bureau (NHB) review of the project dated April 2, 2020 found several state threatened or endangered plant and animal species in the project vicinity and made survey recommendations for each species. Provide NHDES with additional survey information, correspondence, and recommendations from NHB and the NH Fish and Game Department (NHFG) to ensure these species are not negatively affected by the project.

The attached correspondence from NHB indicates that they are satisfied there will be no impact to the rare plants identified in the report. We have responded to several of NHFG initial comments regarding the use of natural fiber erosion control products and the inclusion of Eastern Box Turtle awareness information on the project plans. A survey for wild lupine, the obligate host species for Persius Dusky Wing, a state endangered invertebrate species, also came up negative. We continue to work with NHFG for a final signoff on these issues and to satisfy the recently enacted AOT rules regarding wildlife. A report by a wildlife biologist has been submitted to Melissa Doperalski for review and we look forward to her comments. Since the AOT application lagged behind the wetland permitting process, and since the wildlife coordination is essentially linked, our hope is that review of the wetland application may be allowed to proceed pending final input from NHFG on the complete AOT application.

8. The NH Division of Historical Resources (DHR) review of the project on May 4, 2020 requested that an Individual Inventory Form be prepared to evaluate the property for listing in the National Register of Historic Places, and that a Phase 1B survey be completed. As noted in Rule Env-Wt 307.02, in order to be in compliance with federal regulations and the Army Corps of Engineers (ACE) Appendix B checklist, please continue to consult directly with DHR regarding these issues.

The Phase 1B archeological investigation has been completed and submitted to DHR. The attached correspondence from David Truby indicates that "The DHR concurs with the methodology and results of the survey and with the recommendation of no additional study." The architectural work requested by DHR is underway and is expected to be submitted for their review in September.

9. As noted in the application, the primary compensatory mitigation for the proposal is a contribution to the Aquatic Resource Mitigation (ARM) fund in the amount of \$701,142.17. The application states you will be working with the Town of Hudson on local mitigation options involving restoration and potential preservation of unused golf course areas, which includes discussion of a future boat launch and walking trails along the river. Please provide documentation of the correspondence held with the Conservation Commission relative to these compensatory measures. As noted, the boat launch and walking trails would not provide credit towards offsetting any wetland impacts from the project and may require design considerations to minimize impacts

to the Merrimack River. Please keep NHDES informed on this component of the project.

The proposed form of compensatory mitigation for all impact associated with the project remains a contribution to the ARM fund commensurate with the project impacts, which have been reduced from the original proposal. Local mitigation options at this time include: 1) the preservation of approximately 80+/- acres of land in the eastern portion of the site encompassing the entry of Limit Brook and its associated wetlands, 2) the naturalization of areas within the proposed preservation land currently maintained as golf course using native plantings and seed mixes, and 3) the naturalization of the entirely of the 250-foot SWQPA zone to the Merrimack River by removing paved surfaces and restoration landscaping with native species. A plan showing these proposed mitigation areas and the proposed restoration landscaping plans, both submitted to the Hudson Conservation Commission are enclosed. Further discussions with the Conservation Commission on the details on the of the mitigation have been delayed for several meeting cycles while information is developed to address their questions, principally stormwater/water quality issues and the revised impacts depicted in this response. We anticipate that mitigation details will be discussed in more detail this September.

We believe these responses and the enclosed documents provide a complete response to your comments. If you have any questions, please don't hesitate to contact me.

Sincerely,

Brendan Quigley

Gove Environmental Services, Inc.

Buch China

cc: Hudson Municipal Clerk/Conservation Commission

ec: Lower Merrimack River LAC

Ridge Mauck, NHDES

Amy Lamb, NHB

Melissa Doperalski, NHFG

David Trubey, DHR Lindsey Lefebvre, ACE

Beth Alafat, EPA Hudson Conservation Commission

Attachments: Revised plans

NHB Correspondence DHR Correspondence

Proposed Preservation Areas Figure

Brendan Quigley

From: Lamb, Amy <Amy.Lamb@dncr.nh.gov>
Sent: Thursday, July 30, 2020 10:10 AM

To: Brendan Quigley
Cc: Stanwood, Sabrina

Subject: RE: NHB review: NHB20-0672

Hi Brendan.

Thank you for the clarification regarding the third location that I noted that appeared to contain disturbed, sandy habitat. Since this area is within the maintained golf course, NHB does not have concerns about this location. Provided that all other arrowhead rattlebox (*Crotalaria sagittalis*) search areas included in your survey memo were thoroughly searched, and no arrowhead rattlebox was found, then NHB has no further comments regarding this species.

Best, Amy

Amy Lamb Ecological Information Specialist (603) 892-5162 – work cell amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

DNCR - Forests & Lands

172 Pembroke Rd

Concord, NH 03301

NHB DataCheck Tool

From: Brendan Quigley <bquigley@gesinc.biz> Sent: Thursday, July 30, 2020 10:04 AM

To: Lamb, Amy <Amy.Lamb@dncr.nh.gov>

Cc: Stanwood, Sabrina <Sabrina.Stanwood@dncr.nh.gov>

Subject: RE: NHB review: NHB20-0672

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I forgot that I wanted to add, regarding the 2007 data check, I thought there was correspondence from NHB about the river birch but It was apparently only stated in the application that it was not onsite. The process appears to have been a bit different back then. In any event, I did look for this tree and know it well from Pelham and there defiantly isn't any along the river.

Brendan Quigley Wetland Scientist/GIS Specialist

GOVE ENVIRONMENTAL SERVICES, INC.

8 Continental Dr, Bldg 2, Unit H, Exeter, NH 03833-7507

Ph (603) 778-0644 / Cell (603) 686-0086 / *Fax* (603) 778-0654 *bquigley@gesinc.biz*

From: Brendan Quigley

Sent: Thursday, July 30, 2020 9:58 AM **To:** Lamb, Amy < Amy.Lamb@dncr.nh.gov>

Cc: Stanwood, Sabrina < <u>Sabrina.Stanwood@dncr.nh.gov</u>>

Subject: RE: NHB review: NHB20-0672

Sorry I did miss that spot. That is maintained turf but the grass must have been in bad shape early season. I've attached a photo from 2005 showing it more clearly and in its typical state. Its surrounded by wetland. Unfortunately I don't have any on the ground photos of that area. It's also outside the impact area and will be preserved.

Brendan Quigley
Wetland Scientist/GIS Specialist

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8 Continental Dr, Bldg 2, Unit H, Exeter, NH 03833-7507 Ph (603) 778-0644 / Cell (603) 686-0086 / Fax (603) 778-0654 bquigley@gesinc.biz

From: Lamb, Amy [mailto:Amy.Lamb@dncr.nh.gov]

Sent: Wednesday, July 29, 2020 8:55 PM **To:** Brendan Quigley < bquigley@gesinc.biz>

Cc: Stanwood, Sabrina <Sabrina.Stanwood@dncr.nh.gov>

Subject: RE: NHB review: NHB20-0672

Hi Brendan,

Thank you for sending the 2007 DataCheck.

Thank you as well for sending the materials to address two of the areas I had asked about on the aerial photo of the site. Based on the information you provided, I do not have concerns about these two areas providing potential habitat for the following state-listed plant species: arrowhead rattlebox (*Crotalaria sagittalis*) or wild lupine (*Lupinus perennis*).

There is a third site that I am not sure you saw; see the top of the map (eastern edge of the site). Can you please address the potential for these two species to occur in that location?

Thank you,

Amy

Amy Lamb
Ecological Information Specialist
(603) 892-5162 – work cell
amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

DNCR - Forests & Lands

172 Pembroke Rd

Concord, NH 03301

NHB DataCheck Tool

From: Brendan Quigley < bquigley@gesinc.biz>

Sent: Tuesday, July 28, 2020 6:39 PM **To:** Lamb, Amy < <u>Amy.Lamb@dncr.nh.gov</u>>

Cc: Stanwood, Sabrina <Sabrina.Stanwood@dncr.nh.gov>

Subject: RE: NHB review: NHB20-0672

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Amy,

I made some comments directly in the map you sent and attached some photos. The southern area, which is along limit brook is densely vegetated wet meadow or scrub shrub wetland. The banks of the stream are muddy and anything beyond the channel is densely vegetated. The tan areas that appear in the photo (which is pre-growing season) are the previous seasons tall meadow that was probably mowed in late fall. Beyond the tree line it's more natural but similar in terms of vegetation and also officially wetland. Also, none of these areas are being impacted.

The area in the north east corner behind Sams Club is basically old field succession. The aerial photo that I made my figures with was from 2008 or so and I used it because it was the clearest. This area is now dense autumn olive, rosebush, bramble, and similar. Unfortunately I do not have any great photos of this area but have attached a view from Google Street view looking into this area directly behind the Sam's club to give you an idea of what it looks like. I did not identify this area as suitable for that reason plus the impact area is limited to a narrow access drive. Please let me know if NHB would like additional information as soon as possible and of course feel free to give me a call with any questions.

Thank You,

Brendan Quigley Wetland Scientist/GIS Specialist

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8 Continental Dr, Bldg 2, Unit H, Exeter, NH 03833-7507 Ph (603) 778-0644 / Cell (603) 686-0086 / Fax (603) 778-0654 bquigley@gesinc.biz

From: Lamb, Amy < Amy.Lamb@dncr.nh.gov>

Sent: Friday, July 24, 2020 4:39 PM

To: Brendan Quigley

squigley@gesinc.biz>

Cc: Stanwood, Sabrina < Sabrina.Stanwood@dncr.nh.gov >

Subject: RE: NHB review: NHB20-0672

Hello Brendan.

Thank you for surveying the site (NHB20-0672) for arrowhead rattlebox (*Crotalaria sagittalis*), and providing descriptions and photos of the survey areas. There are a couple of additional locations that I am curious about; I have marked up the attached Arrowhead Rattlebox Search Areas document, and was hoping you could comment on the habitat suitability in those areas. In aerial photos, these appear to potentially provide suitable open, sandy habitat as well, and I would like your feedback about those three locations.

Thank you as well for your previous email on 7/2/20 with the photos of the Merrimack River frontage and photos of the fairway/forest edges. I concur that most of the site does not appear to provide suitable habitat for wild lupine (*Lupinus perennis*). However, I'll await your response about the three additional areas above, which could possibly provide habitat for this species as well.

Based on your negative survey results and high confidence that river birch (*Betula nigra*) is not present onsite, NHB does not have further comments about this species. I was not aware that the site was previously surveyed for river birch in 2007; it would be good to have that information in our files if you could find it. I was not able to find any information during an initial review of our files.

Thank you, Amy

Amy Lamb Ecological Information Specialist (603) 892-5162 – work cell amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

DNCR - Forests & Lands

172 Pembroke Rd

Concord, NH 03301

NHB DataCheck Tool

From: Brendan Quigley bquigley@gesinc.biz
Sent: Wednesday, July 15, 2020 4:16 PM
To: Lamb, Amy Amy.Lamb@dncr.nh.gov
Subject: RE: NHB review: NHB20-0672

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Amy,

I have completed the survey for Arrowhead Rattlebox (*Crotalaria sagittalis*) at this site. The attached map and photographs depict the areas where potential habitat was identified and the survey was focused. The comments below for Lupine survey apply here as well. The landscape is manicured with very minimal open or sparsely vegetated sandy area that would be suitable for *Crotalaria sagittalis*. The areas between fairways generally consist of trees with either lawn or trampled earth extending through them. Though some of these area shave bare sandy soil they are also routinely driven over by maintenance equipment and trampled by golfers. Areas between the fairways which consist of more natural forest are maintained right up to the edge. interior forested areas themselves were not considered viable habitat, nor were areas of dense shrub growth.

Four areas, labeled A through D on the attached sketch plan, were identified on the site where suitable habitat existed. The most extensive area (A) consists of the embankments and areas along the access road to the maintenance buildings. The roadway embankments and adjacent areas have a sand and gravel pit character which appeared to be suitable for *Crotalaria sagittalis*. This area was carefully surveyed. Common species include Deer tongue grass, goldenrods, St Johns wort, blackberry, broom sedge, and milkweed. Invasive Spotted Knapweed is also present in this area. No *Crotalaria sagittalis* was identified

Areas B and C are areas between the fairways where some bare sandy soils existed but are otherwise marginal. B consists of a slope area that is well vegetated generally but which may have suffered from the dry early summer. The bare area is more a thin cover of browned out grass. Area C consist of the sandy areas along a long section of dirt cart path that serves as a primary route through the course. The bare sandy areas along this section path are likely kept this way by the level of traffic so this area is also likely not suitable. No *Crotalaria sagittalis* was identified in either of these search areas.

The final search area consists of several largely barren sandy areas just outside the maintained turf near the highway. These areas were likely cleared during construction of the golf course but not subsequently turned into part of the manicured landscape and appeared to be ideal habitat. These areas were carefully surveyed. Vegetation is very sparse in these area, mostly consisting of a small panic grass thought to be *Dichanthelium acuminatum*, broom sedge, and blackberry. No *Crotalaria sagittalis* was observed in these areas either.

Pleaese let me know if you have any questions or would like to discuss this or any of the other species surveyes completed at this site. We will be submitting our resposes to the Wetlands Buerau in the next coule of weeks and will need NHB's repose on these species.

Thank You,

Brendan Quigley
Wetland Scientist/GIS Specialist

GOVE ENVIRONMENTAL SERVICES, INC.

8 Continental Dr, Bldg 2, Unit H, Exeter, NH 03833-7507 Ph (603) 778-0644 / Cell (603) 686-0086 / Fax (603) 778-0654 bquigley@gesinc.biz

From: Brendan Quigley

Sent: Thursday, July 2, 2020 11:00 AM

To: Lamb, Amy < Amy.Lamb@dncr.nh.gov >
Subject: RE: NHB review: NHB20-0672

Amy,

I don't have many current photos showing the forested edge along the bank. The attached photos were taken during the 2007 Mothers Day flood and show the character of the golf course/forest edge along the river. Nothing has really changed since then. Keep in mind that the water level in these photos represents greater than a 100 year flood event if(I remember correctly) the water is normally well below the top of a long steep bank, see 2020 photo. As far as your question about being surveyed for River Birch in 2007, that was done for the last project. I'm sure I can did up the correspondence if you think its important

Brendan Quigley Wetland Scientist/GIS Specialist

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From: Lamb, Amy [mailto:Amy.Lamb@dncr.nh.gov]

Sent: Wednesday, June 24, 2020 2:10 PM

To: Brendan Quigley < bquigley@gesinc.biz>
Subject: RE: NHB review: NHB20-0672

Hi Brendan,

Thank you for sending the survey results and photos of the surveyed areas; I have a couple of follow-up questions for you.

Based on the photos provided, most of the site appears heavily managed, thickly vegetated, or covered with dense pine litter. I would not anticipate lupine to occur in these areas. Do you have any photos of the riverbank area that was surveyed? Specifically, I'm interested in the interface between the forested top-of-bank and golf course area. You also mentioned that this area was surveyed for river birch in 2007 – can you explain?

Per our discussion last week, I will await your information about proposed arrowhead rattlebox search efforts, will review with NHB's state botanist, and provide feedback.

Thank you, Amy

Amy Lamb Ecological Information Specialist (603) 892-5162 – work cell amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

DNCR - Forests & Lands

172 Pembroke Rd

Concord, NH 03301

NHB DataCheck Tool

From: Brendan Quigley < bquigley@gesinc.biz >

Sent: Friday, June 12, 2020 10:36 AM
To: Lamb, Amy < Amy.Lamb@dncr.nh.gov>

Cc: Tuttle, Kim < Kim.Tuttle@wildlife.nh.gov>; Doperalski, Melissa < Melissa.Doperalski@wildlife.nh.gov>

Subject: RE: NHB review: NHB20-0672

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Amy,

Ive completed surveys for Wild Lupine and River Birch at the Green Meadow Golf Course site. Neither were identified. Surveys were conducted on 6/4 and 6/11. I've included several photos which are referenced in the descriptions below

River Birch

The bank of the Merrimack River was walked two times most often looking down with a good view all the wat to the water. The mostly steep bank consists of relatively undisturbed mature forest. Dominant species are Red Oak and White Pine with some exceptionally large examples. A divers mix of other tree species is present including Basswood, Silver Maple, Red Maple, White Ash, Black Cherry, Locust, Birch, and even Sycamore. Confidence is high that River Birch

(Betula nigra) does not occur along the back on this site, as the species is conspicuous and I have located many of them along Beaver Brook in Pelham for a DIOT project. This species was also looked for in 2007 and not found

Wild Lupine

The majority of the site is meticulously maintained. All other areas within or directly adjacent to the proposed limit of work were surveyed. Most of the areas where trees are present inside the golf course were found to also be maintained lawn or maintained bare ground (see photo). Many unmaintained areas are completely overgrown with invasive species such as oriental bittersweet. More natural forested edges and infrequently maintained slopes within the course that currently resemble meadow (see photos) were given the most attention. No Lupine was identified. Plants can be expected to be flowering and even if flowers were, absent the leaves of this plant are easily recognizable. Confidence that this plant is absent is therefore very good. Ive copied Melissa due to the Dusky Wing association.

Ill be coordinating the search for Arrowhead Rattlebox in the coming weeks when flowering can be expected. Please let me know if you have any questions.

Brendan Quigley
Wetland Scientist/GIS Specialist

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From: Lamb, Amy [mailto:Amy.Lamb@dncr.nh.gov]

Sent: Friday, May 8, 2020 4:30 PM

To: Brendan Quigley <bquigley@gesinc.biz>; Doperalski, Melissa <Melissa.Doperalski@wildlife.nh.gov>

Cc: Tuttle, Kim < Kim.Tuttle@wildlife.nh.gov Subject: RE: NHB review: NHB20-0672

Brendan,

Thanks for the update. Last week I went to a lupine site in Concord, just to see how things were going, and plants were just coming up. Leaves were about the size of a quarter – just to give you an idea of where we're at phenology-wise.

Best, Amy

Amy Lamb Ecological Information Specialist (603) 892-5162 – work cell amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

DNCR - Forests & Lands

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Concord, NH 03301

NHB DataCheck Tool

From: Brendan Quigley < bquigley@gesinc.biz>

Sent: Thursday, May 07, 2020 9:39 AM

To: Doperalski, Melissa < Melissa.Doperalski@wildlife.nh.gov>

Cc: Tuttle, Kim < Kim.Tuttle@wildlife.nh.gov; Lamb, Amy < Amy.Lamb@dncr.nh.gov>

Subject: RE: NHB review: NHB20-0672

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Melissa,

See below. Looking to get an idea of what standard practices should be employed for Eastern Box Turtle and how we should handle Perseus Dusky Wing. Ive attached the impact plan and an overview figure that are included in the Dredge and Fill being submitted today. The full plan set is large but can be made available as a download link or if you have any specific request please let me know.

Amy, The plant surveys will be taking place according to you suggestions, Ill keep you updated

Brendan Quigley Wetland Scientist/GIS Specialist

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From: Brendan Quigley

Sent: Tuesday, April 21, 2020 2:55 PM

To: Doperalski, Melissa < Melissa. Doperalski@wildlife.nh.gov>

Cc: Tuttle, Kim <Kim.Tuttle@wildlife.nh.gov>; 'Lamb, Amy' <Amy.Lamb@dncr.nh.gov>

Subject: RE: NHB review: NHB20-0672

Hi Melissa,

This is an opening email about the large project on the golf course in Hudson. Im mostly asking about about Perseus Dusky Wing as I have not dealt with this like this before and I've included Amy because of the Wile Lupine association. Just looking to get an idea of what will be required here, like if we will need an entomologist or if this will be a search for Wild Lupine. Ive attached the latest overall plan for reference. I don't yet have detailed plans that show drainage or restoration along the river. I know you II want those for a full; review and III get them to you those as soon as I have something but was hoping you could confirm what standard practices will apply for Eastern Box (i.e. natural fiber rolled erosion control, ID and contact info on plans, exclusionary fencing, no-sumps in drained structures, sloped curbing, ect. I think it will be really helpful to have them include all this sort of stuff from the beginning rather than trying to get them to make changes. Let me know if you have any questions.

Thank You

Brendan Quigley Wetland Scientist/GIS Specialist

GOVE ENVIRONMENTAL SERVICES, INC.

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Ph (603) 778-0644 / Cell (603) 686-0086 / *Fax* (603) 778-0654 *bquigley@gesinc.biz*

From: Lamb, Amy [mailto:Amy.Lamb@dncr.nh.gov]

Sent: Thursday, April 2, 2020 4:52 PM

To: Info Mail < InfoMail@GOVEEnvironmental.onmicrosoft.com >

Cc: Mauck, Ridgely Addison.Mauck@des.nh.gov; Doperalski, Melissa Melissa.Doperalski@wildlife.nh.gov; Tuttle,

Kim < Kim Kim.Tuttle@wildlife.nh.gov>; Rennie, Craig Craig.Rennie@des.nh.gov>

Subject: RE: NHB review: NHB20-0672

Attached, please find the review we have completed. If your review memo includes potential impacts to plants or natural communities, please contact me for further information. If your project had potential impacts to wildlife, please contact NH Fish and Game at the phone number listed on the review.

Best, Amy

Amy Lamb Ecological Information Specialist

NH Natural Heritage Bureau DNCR - Forests & Lands 172 Pembroke Rd Concord, NH 03301 603-271-2834

Amy Lamb Ecological Information Specialist (603) 271-2834 amy.lamb@dncr.nh.gov

NH Natural Heritage Bureau

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172 Pembroke Rd

Concord, NH 03301

Brendan Quigley

From: Trubey, David <David.Trubey@dncr.nh.gov>

Sent: Thursday, July 23, 2020 2:45 PM

To: Brendan Quigley

Cc: Labash, Marika; Miller, Nadine Subject: RE: RPR Hudson Logistics Center

Hello Brendan,

On behalf of the DHR, I reviewed the Phase IB Short Report prepared by Victoria Bunker, Inc. for the project referenced above.

The DHR concurs with the methodology and results of the survey and with the recommendation of no additional study.

We look forward to reviewing the Individual Inventory Form for the property upon completion.

In the meantime, please feel free to contact me if you have any questions regarding the DHR review process.

Sincerely,

David

From: Brendan Quigley

bquigley@gesinc.biz>

Sent: Tuesday, July 21, 2020 2:43 PM

To: Labash, Marika < Marika. Labash@dncr.nh.gov>; Trubey, David < David. Trubey@dncr.nh.gov>

Subject: RE: RPR Hudson Logistics Center

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

Marika,

I have attached the results of the Phase 1-B completed by Victoria Bunker at this site. Ill mail a hard copy as well. I had hoped to have the architectural inventory completed now too but that has been delayed until mid August. I am forwarding this separately to continue our coordination as I'm required to demonstrate for the wetland permitting process. If any conclusions can be reached regarding the archeological sensitivity, some sort of correspondence would be much appreciated. Please let me know if you have any questions.

Thank You,

Brendan Quigley
Wetland Scientist/GIS Specialist

GOVE ENVIRONMENTAL SERVICES, INC.

8 Continental Dr, Bldg 2, Unit H, Exeter, NH 03833-7507 Ph (603) 778-0644 / Cell (603) 686-0086 / Fax (603) 778-0654 bquigley@gesinc.biz From: Labash, Marika [mailto:Marika.Labash@dncr.nh.gov]

Sent: Monday, May 4, 2020 9:57 AM

To: Brendan Quigley < bquigley@gesinc.biz **Subject:** RPR Hudson Logistics Center

Hello Brendan,

Please see attached for the DHR response to the Request for Project Review for the above-referenced project. At this time, the DHR is requesting additional information. Please let me know if you have any questions.

Thank you,

MH DIVISION OF HISTORICAL RESQUECES
IB PILLEBURY SI CONCORD M-I GMOI
605 271 5958

