

Inland Wetlands Agent's Report

March 9, 2021

0200921A Shane Pollock-Applicant/BLB, LLC-Owner, Louise Berry Drive, Map 19, Lot 19, RA Zone; Construction of 51 Single Family Condominium Units with activity in the upland review area.

Date submitted: 2/4/21.

Date of receipt: 2/9/21.

Deadline to hold a Public Hearing: 4/15/21.

In the absence of a public hearing, deadline for action to be taken: 4/15/21.

My recommendations for conditions:

Revise the plan to remove straw wattles from the plan. Remove the straw wattle detail. Any place straw wattles are shown, replace with compost filter socks.

Revise the plan to show perimeter sediment controls in the upland review area as double-staked hay bales backed with hog-wire backed silt fence.

Revise the plan to show jute netting on side slopes between the wetlands and Units 1-3 and Units 4-8.

The only work allowed prior to installing the perimeter sediment controls shall be clearing vegetation. No grubbing shall be allowed until the perimeter sediment controls have been installed as per the plan. Call for an inspection of the perimeter sediment controls. The perimeter sediment controls must be approved in writing by the IWW Agent or a Commission member prior to commencing any other work.

The temporary sediment basin and swale must be at least temporarily stabilized prior to discharging any stormwater into them.

Revise the detention basin operations and maintenance plan, Detail Sheet 4, Note 3, item 1, to delete "Perform any mowing operations required" to read "Detention basin side slopes and bottom shall be mowed annually by 6/30 and 10/1 for the life of the basin, in perpetuity."

Revise the detention basin operations and maintenance plan, Detail Sheet 4, Note 3, to add: “The Condominium Association shall be responsible for maintenance of the stormwater basin and its outlets in perpetuity.”

Revise the detention basin operations and maintenance plan, Detail Sheet 4, Note 3, to add: “The construction of the temporary sediment basin and swale shall begin between April 14 and September 1 to allow for vegetation to become at least temporarily established in the basin prior to discharging stormwater into the temporary sediment basin and swale. Construction of the temporary sediment basin and swale shall not commence between September 2 and April 13 in accordance with the provisions of Section 11.1 of the Brooklyn IWWC Regulations.”

Section 11.1 of the Brooklyn IWWC Regulations (my underlining):

“The Commission, or its duly authorized agent acting pursuant to Section 12 of these regulations, may, in accordance with Section 10 of these regulations, grant the application as filed or grant it upon other terms, conditions, limitations or modifications of the regulated activity designed to carry out the purposes and policies of the Act, or deny the application. Such terms may include any reasonable measures which would mitigate the impacts of the regulated activity and which would (a) prevent or minimize pollution or other environmental damage, (b) maintain or enhance existing environmental quality, or (c) in the following order of priority: restore, enhance and create productive wetland or watercourse resources. Such terms may include restrictions as to the time of year in which a regulated activity may be conducted, provided the Agency, or its agent, determines that such restrictions are necessary to carry out the policy of sections 22a-36 to 22a-45 inclusive, of the Connecticut General Statutes.”

Syl Pauley supports my suggested conditions.

Old Business

011221B Pierce Baptist Home Inc., 44 Canterbury Road, Map 24, Lot 148, VC Zone; Extend sanitary sewer pipe to existing manhole. No work in wetlands or watercourses. Construction in brook buffer will be completed in one day. Temporary disturbance, no grade changes proposed.

I inspected and took photos with Rich Oliverson. I sent the plan to the Brooklyn Water Pollutions Control Authority (BWPCA) reviewing engineer for his comments. The plan and the application were revised accordingly. The Duly Authorized Agent Approval was issued on 2/11/2021.

117 Tatnic Road – Terry Veazie. On 2/8, KWP emailed me recommendations from David Smith, P.E. for the site, along with a rough sketch prepared by Mr. Smith, and a stone check dam detail. Those items are in your packets and were uploaded to the agenda attachments. I forwarded them to Joe Szarkowicz, Mr. Veazie's neighbor downstream.

Mr. Szarkowicz sent the following response:

“Hello Margaret,

Thanks for the update.

My concern with the directions would be that the first step in the "as soon as practical" is to remove the existing haybales and silt fence downgradient - this would leave little to no sedimentation controls in place until the stone check dam is constructed. It is stated once work starts it need to continue steadily until complete. No time frame is given, back in the day one of my crews would have this done in a day, not a big deal, but with a "do it yourselfer" with no experience, I am concerned.

With the rate construction progresses over there I have serious reservations that the pond would be left with little to no protection for a considerable amount of time.

Also, In the P.E.'s own words "this needs to be done carefully" "take some care in planning and executing" - will KWP be there directing Mr. Veazie ? from the impression I get from the E-mail I think they are not ? Carefully is not something we have seen to date. The written directions are fine - if given to someone that understands them.

Just my take on it.

Regards, Joe Szarkowicz”

36 Paradise Drive - Edward L. Branciforte violation

At the Citation Hearing, Mr. Branciforte failed to appear. The Citation Hearing Officer upheld the citation and the cost to the Town for the 4 times the CT State Marshal served Mr. Branciforte at his residence.

The next step will be issuing an Enforcement Order. Due to the weather and the fact that Mr. Branciforte is out of state, this will be forthcoming at a later date.

Margaret Washburn

From: Bruce Woodis <bwoodis@kwpinc.com>
Sent: Monday, February 08, 2021 1:31 PM
To: Margaret Washburn
Cc: bdwoodis@hotmail.com; Terry Veazie
Subject: Veazie - Driveway Crossing Guidance
Attachments: stone dam.pdf; Veazie - Sketch.pdf

Jan. 15, 2021

From: David A. Smith PE

To: Terrance Veazie, Brooklyn Wetlands Commission

These are my recommendations for the Veazie project – these notes go along with the sketch

Immediately –

- Remove the haybale barrier, silt fence and chain link material up gradient of the 15" RCP. The silt fence and/or haybales should not be removed along the driveway embankment but rather the end should tie back into the stone retaining system several feet from the culvert.
- Remove the haybale plug from the discharge end of the pipe

As soon as practical –

- Remove the haybale barrier, silt fence and chain link material down gradient of the 15" RCP
- Install the stone check dam as per the approved plan. This should be downstream of the new stone wall section. Recall that **intermediate** rip-rap is material 18" or less, 30-50% is between 18 and 10", 30-50% is between 10 and 6", 20-30% is between 6 and 4", 10-20% is between 4 and 2", and 0-10% is less than 2"; Modified rip-rap is less than 10", 20-50% is between 10 and 6", 30-60% is between 6 and 4", 30-40% is between 4 and 2", 10-20% is between 2 and 1", and 0-10% is less than 1". I believe that he can use some of the large native stone available on site to mix with the Intermediate size. This would increase the mass of the filter without really diminishing the capacity to pass water through. This needs to be done carefully, but once started it should continue steadily until the work is complete. The intent of the filter was to provide limited pooling during a storm event and as such the final crest should be similar in elevation to that of the driveway embankment. It should be level and extend laterally as far as necessary to meet the existing grade without hollows or channeling. The stone should be keyed into the existing stable soil several inches and should be placed in such a way that the angular faces engage neighboring stones, but not packed in such a way that water flow will be restricted or that the pore space will be blocked.

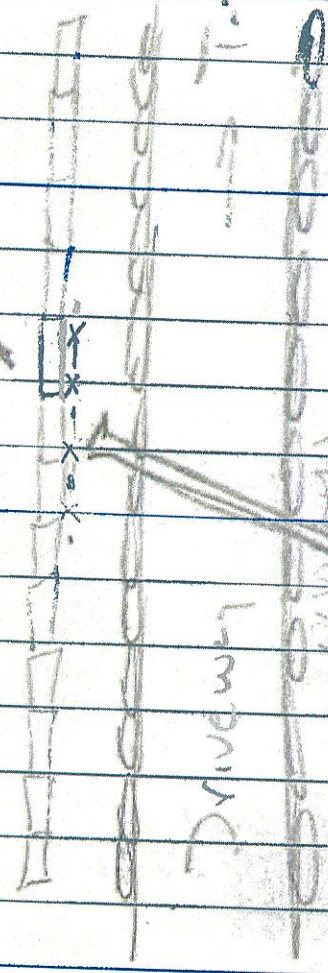
April/May

- Clean up debris, logs, and complete general 'house keeping' to remove obstacles that would restrict flow or direct water to from the natural flowpath.
- Remove the haybale mat that has been placed in the pool area.
- Hand rake and seed any disturbed areas, mulch as needed
- Stabilize driveway shoulders, rake, seed and mulch to reduce suspended solids from storm runoff.

I think this will be successful, but it will take some care in planning and executing the work, particularly with the winter still having 6 to 8 weeks to really impact construction activities.

Remove Hay Bale
5 ft Fence, Chain Link
From Channel

Flow



→ T-angled

House

Remove Mat
at Hay bales

Remove Stone Wall
Remain the bales, 5 ft Fence, Chain Link Fence

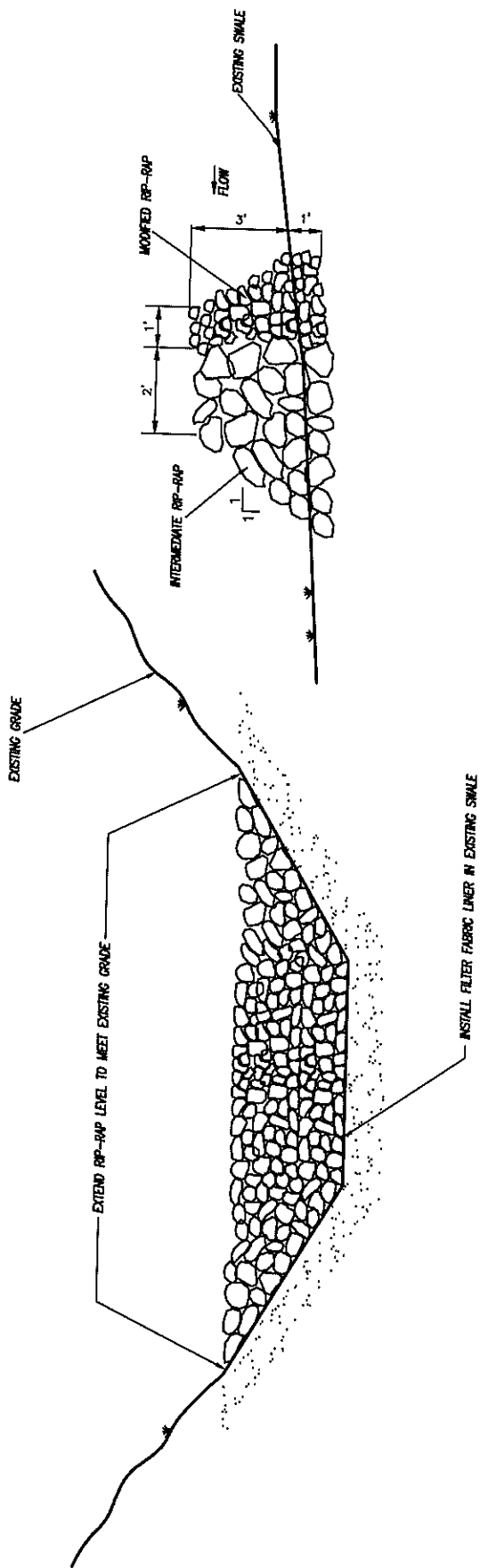
INSTALL PER PLAN

install filter berm on per plan

Sketch
Vegetative Crossing

1/13

1/15/21



ELEVATION

SECTION

RIP-RAP EROSION CHECK DAM

NOT TO SCALE