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March 8, 2023

Patrick Gallagher, Chairman  
Franklin Conservation Commission  
355 East Central Street  
Franklin, MA 02038

Re: Follow-up Information  
DEP File #159-1259  
74 South Street  
Franklin, Massachusetts 02038

Dear Chairman Gallagher and Commissioners:

On behalf of the Applicants, Matthew and Sarah Moore, McArthur Environmental Consulting, LLC is submitting follow-up information based on BETA's letter dated February 23, 2023 regarding work proposed at 74 South Street in Franklin, Massachusetts.

The site plan has been revised to show the date of the survey, method of survey and datum. The revised plan also now includes the name of the person responsible (the applicant/homeowner) for maintaining erosion controls at the site and their phone number. They will inspect on a weekly basis and after any significant rain events and shall keep a log of the inspections and maintenance. A report shall be submitted to the conservation office on a weekly basis during construction detailing the state of the erosion control and any remedial steps taken.

Regarding the erosion controls at the site, the original siltation fence has been removed per the Franklin Conservation Administrator's direction. The staked straw wattles are still in place and have not been undermined. The stockpiles of woody debris and construction debris from the previous homeowner have been removed. The ground is clear and there is no sediment leaving the work site. Once the Order of Conditions has been issued and just prior to construction beginning at the site, the straw wattles will be replaced with compost filter tubes. Please provide the exact specification, in writing, of the type of compost filter tube that the Commission would like installed. This new sedimentation barrier shall remain in place until the conservation seed mix has grown and the site is fully stabilized. Because the project site is fringed by upland woodlands, it is expected that successional growth will become established in the area over time.

Below is the Vernal Pool Statement, Construction Sequencing Schedule, and Functions and Characteristics Statement. These items are too large to fit on the already full plan.

## **Vernal Pool Statement**

As stated in the Notice of Intent narrative, no vernal pools (potential or certified) exist on or in the vicinity of the subject property. The nearest certified vernal pool is located .93 miles to the east.

## **Construction Sequencing Schedule**

The construction means and methods are the responsibility of the contractor however, the general construction sequencing and Best Management Practices (BMPs) are anticipated to include, but not be limited to, the following:

- Install sediment control measures;
- Cut 7 trees within the buffer zone that have been approved by the Commission to be removed (see top right of plan for locations). The stumps will then be removed as they lie within the footprint of the proposed barn and driveway and if left in place, will undermine the stability of the structure;
- Construct foundation of the new barn;
- Bring in clean fill material and immediately spread within the work zone (no stockpiling will occur);
- Construct the barn sidings and roof;
- Install drywell and connect gutters/pipes from barn roof to the drywell;
- Plant conservation seed mix to stabilize the site; and
- Remove sediment controls once site is stabilized.

## **Functions and Characteristics Statement**

The proposed project will not have an adverse effect on the on-site wetland's functions and characteristics as demonstrated below:

- Public Water Supplies – The project site is located over .37 miles away from the nearest Zone II wellhead protection area.
- Private Water Supplies – The project site is located approximately .28 miles from the nearest private well.
- Groundwater – No test pits have been dug in order to determine the depth to groundwater. The soils in this area are classified as Canton fine sandy loam, 8 to 15 percent slopes, extremely stony according to the Natural Resource Conservation Service. This is a well drained soil with depths to the water table in excess of 80 inches.
- Flood Control – No work is proposed within the 100-year flood plain.
- Erosion and Sedimentation – An erosion and sediment control barrier has been in place early on in the project and will remain in place through project completion. No sediment has migrated off the site since it has been installed.
- Storm Damage Prevention – Address whether the project will have an adverse effect on the way that the wetland or flood plain will be able to minimize water and wind related impacts during large-scale storm events.
- Water Quality - This item must be addressed for both the construction and post construction conditions at the property. This item will address the quality of the surface waters associated with the resource area being impacted by the project.
- Water Pollution Control - This item must be addressed for both the construction and post construction conditions at the property.
- Fisheries – Not Applicable.
- Shellfish – Not Applicable.

- Wildlife Habitat – The proposed barn is adjacent to an existing house and in-ground swimming pool. Behind the barn is a large wooded tract of land. It is not anticipated that the barn will have an adverse impact on wildlife habitat.
- Rare Species Habitat (including rare plant species) – The latest MassGIS - Massachusetts Natural Heritage Endangered Species data indicates that there are no Priority Habitats of Rare Species or Estimated Habitats of Rare Wildlife at or in the vicinity of the project site.
- Agriculture – The proposed project does not have an agricultural component to it.
- Aquaculture – Not Applicable.
- Recreation – The project area will not be used as an active or passive recreation area.

We look forward to presenting this information at the next regularly scheduled Conservation Commission hearing.

Sincerely,



Susan McArthur, Wetland Scientist  
McArthur Environmental Consulting, LLC

cc: Matthew and Sarah Moore, Applicants/Homeowners

Attachment: Revised Site Plan