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851 Chemung Street  
Horseheads, New York 14845

May 4, 2022

Attn: Mr. Nate Nagle, Village Manager  
Mr. Bob Young, Code Enforcement Officer  
Village of Horseheads  
202 South Main Street  
Horseheads, New York 14845

**Re: Proposed HOST-Southern Tier Logistics New Building  
Village of Horseheads, New York  
Review of Stormwater Pollution Prevention Plan**

Mr. Nagle and Mr. Young:

As per the Village's request, I have completed a review of the following submitted information regarding stormwater management and erosion & sediment control for the above-referenced project.

- Stormwater Pollution Prevention Plan for HOST-Southern Tier Logistics New Building, Prepared by LaBella Associates, Dated April 2022
- Site Plans for Southern Tier Logistics Building for Clouse Construction Corp, Prepared by LaBella Associates, Dated April 2022

My review comments and questions for the above-referenced project, based upon the submitted information, are as follows.

**GENERAL**

1. On Page 1 of the submitted SWPPP, it is noted that this SWPPP is not final and is not intended to be a final engineering document. Furthermore, it is noted on the submitted plans that the Contractor shall submit the proposed Erosion & Sediment Control Plan (including the Sequence of Construction) to the Engineer for review prior to the start of work.

When will a final SWPPP proposed to be completed? Will the proposed Erosion & Sediment Control Plan that would be prepared by the Contractor be incorporated into the final SWPPP?

2. On Page 6 of the SWPPP, it is suggested that, depending upon the Contractor's construction sequence, more than 5 acres may be disturbed. This would be a significant increase in disturbed area beyond the estimated 2.8 acres.

3. The locations of contractor (or subcontractor) storage/staging areas are requested to be included on the plans. Section 5.4.7 of the SWPPP indicates that construction materials shall be stored in a dedicated storage area that is located such to avoid negative impacts of construction materials on stormwater quality.

#### **EROSION & SEDIMENT CONTROL PLAN**

1. In regards to the various proposed E & S control measures (including storm drain inlet protection, compost filter socks, silt fence, concrete wash-outs, stock piles, sediment traps, dewatering bags, temporary seeding, topsoil, fertilizing, seeding, permanent seeding, and dust control), it is requested that specifications and details be provided for these in the SWPPP and/or plans. These specifications and details shall be consistent with the New York State Standards and Specifications for Erosion and Sediment Control.
2. In regards to the proposed use of compost filter socks, the following items are noted.
  - a. Sizing information for the proposed filter socks is requested to be included in the SWPPP and/or plans.
  - b. On the submitted plans and SWPPP, compost filter sock is proposed to be placed around stormwater inlets in pavement areas and around stockpiles on impervious surfaces. How will the compost sock be secured? Will the compost sock around stormwater inlets present obstacles for vehicles?
3. In regards to the Erosion and Sediment Control notes on the plans, the following items are noted that appear to be different than what is included in the SWPPP.
  - a. In Note #7 of the plans, it is indicated that silt fence is proposed to be utilized for earthen stock piles. The SWPPP indicates that compost filter sock shall be used.
  - b. As per Note #12 of the plans, it is noted that stormwater inlets shall have stone inlet protection around them with geotextile over the grate. The detail on the plans indicates that compost filter sock shall be placed around stormwater inlets. Furthermore, the placement of geotextile over inlet grates may not be an accepted practice.
4. In regards to the proposed concrete wash-outs, it is requested that the locations of these be shown on the plans.
5. The locations of proposed stockpiles are requested to be shown on the plans. As per Section 5.1.2 of the SWPPP, it is noted that temporary soil stockpiles shall be placed existing impervious surfaces away from stormwater drainage and water courses.

#### **STORMWATER MANAGEMENT**

1. The existing storm sewers and associated information should be indicated on the plans. Where will stormwater from the site be discharged to the wetland?
2. As per Section 9.2.1.B of the New York State Stormwater Management Design Manual, to achieve the Water Quality treatment objective for redevelopment projects, one option is to reduce the impervious cover by a minimum of 25% of the total disturbed, impervious area. Is this accomplished with the proposed design? If not, information regarding how the Water Quality requirement for redevelopment is proposed to be accomplished is requested to be included in the SWPPP. Is the proposed additional grassed strip intended to received roof runoff and be utilized as green infrastructure?

3. In regards to the restoration of the existing impervious area for a grassed area, effective implementation requires restoration of soil properties for proposed created pervious areas.
4. As per Section 4.11 of the New York State Stormwater Management Design Manual, outdoor loading/unloading facilities are deemed stormwater hotspots. Will the proposed facility receive materials that could potentially introduce pollutants that could come into contact with stormwater and reach off-site waterways? If so, what measures are proposed to address this consideration?
5. How will stormwater runoff from the roof of the proposed building be collected and conveyed?

**MISCELLANEOUS**

1. This review pertains to stormwater management and erosion & sediment control. The Applicant is responsible to obtaining all necessary approvals.

If you have any questions or comments regarding this letter, please do not hesitate to contact me. Furthermore, I would be happy to meet with the Village and the Engineer for this project to discuss this project in greater detail.

Sincerely,

A handwritten signature in black ink that reads "Jimmie Joe Carl". The signature is written in a cursive, flowing style.

Jimmie Joe Carl, P.E.