



851 Chemung Street
Horseheads, New York 14845

May 28, 2019

Mr. Jamie Burgess, Stormwater Management Officer
Village of Horseheads
202 South Main Street
Horseheads, New York 14845

Re: KFC – SWPPP Acceptance
2138 Grand Central Avenue, Village of Horseheads

Mr. Burgess:

I have completed a review of the above-referenced project regarding the proposed stormwater management system for that project.

- Stormwater Pollution Prevention Plan (SWPPP) for KFC at 2138 Grand Central Avenue - Horseheads, NY, Stamped by a NYS Licensed Professional Engineer, Prepared by Davidson Architecture & Engineering, LLC, Dated 2019, Received May 24, 2019
- Site Plan Drawings for a New Development for KFC at 2138 Grand Central Avenue (Sheets C1.1, C1.2, C1.3, C1.4, C2.1, C2.2, C3.1, C3.2, C4.1, C4.2, and C4.3), Project Number: 18056, Village of Horseheads, Chemung County, NY, Stamped by a NYS Licensed Professional Engineer, Prepared by Davidson Architecture & Engineering, LLC, Revision dated May 20, 2019, Received May 24, 2019

Upon review of the above submitted information, I believe that the SWPPP and stormwater management system are acceptable. This acceptance is conditioned upon the following items.

1. One set of final approved Stormwater Pollution Prevention Plan (including one set of the approved Site Engineering Drawings), with the executed approval stamp of the Chemung County Stormwater Coalition, must be on-site at all times during construction until complete site stabilization.
2. This acceptance pertains only to stormwater drainage and management facilities. It is incumbent upon the Applicant to obtain all necessary regulatory approvals and permits, including driveway access permits.
3. Upon completion of the proposed site construction (including the stormwater collection and management systems), a licensed design professional (on behalf of the developer) shall provide a certification letter to the Village of Horseheads' Stormwater Management Officer (copied to the Chemung County Stormwater Coalition), stating that the project was constructed in conformance with the approved plans and specifications. Deviations from the approved plans should be noted. Also, these changes should be noted in the plans and a copy of these plans provided to the Village.
4. Prior to the start of construction, it is requested that the Applicant arrange a meeting with the Village of Horseheads' Stormwater Management Officer, the Chemung County Stormwater Coalition, and the Applicant's design professionals, to review the requirements associated with the SWPPP and SPDES permit.

5. To maintain the existing Hydrologic Soil Group rating for disturbed areas proposed to be vegetated, Soil restoration shall be completed in conformance with NYSDEC's document entitled Deep-Ripping and Decompaction, April 2008 and Table 5.3 of the NYS Stormwater Management Design Manual.
6. Silt, sediment, and/or dust shall not be allowed to leave the project site, including tracking onto public streets. Furthermore, silt and sediment shall not be directed to the proposed stormwater infiltration system. Erosion and sediment controls, outlined in the accepted Erosion & Sediment Control Plan, shall be implemented and maintained to ensure this purpose. If silt, sediment, and/or dust are found to be leaving the site or being directed to the stormwater infiltration basin, the Owner (or their contractor) shall take immediate actions to correct the situation.
7. It is imperative that silt and sediment not be directed to the stormwater infiltration basin, as the performance of the infiltration capacity of this basin could be negatively impacted. Furthermore, compaction and/or smearing of the soils within the infiltration system shall be avoided, as these can result in a reduction of the infiltration capacity.
8. Appropriate erosion and sediment control measures shall be implemented at any off-site spoils area, where cut from the project site shall be placed and stockpiled. These measures shall be consistent with the New York State Standards and Specifications for Erosion and Sediment Control. The Erosion & Sediment Control Plan shall be amended, if off-site soil stockpile areas are proposed to be utilized for this project.
9. A copy of the completed Notice of Intent (NOI) shall be provided to the Village by the Applicant, prior to the Applicant requesting the Village executing the MS4 Acceptance.
10. A formal, signed enforceable maintenance agreement for the stormwater management system shall be provided by the Applicant/Owner, accepted by the Village, and executed by the Applicant, prior to the issuance of the Certificate of Occupancy for this project. This agreement shall be binding on all subsequent landowners and recorded in the office of the County Clerk as a deed restriction on the property. That agreement must be fully consistent with the Village's Stormwater Management and Erosion and Sediment Control Ordinance and accepted by the Village and their attorney. Also, the Applicant shall convey to the Village easements and/or rights-of-way to assure access for periodic inspections by the Village or their representatives.

The maintenance agreement shall include a detailed operation & maintenance plan that has specific provisions for the long-term maintenance of the stormwater management system, to ensure the long-term performance of the stormwater management systems. This agreement, as well as the Operation & Maintenance Plan, shall be subject to the review and approval of the Village of Horseheads, their attorney, and Chemung County Stormwater Coalition.

In regards to the proposed stormwater collection and infiltration systems, a detailed O & M Plan should be developed that includes (but not be limited to) the following items.

- i. Specific operation and maintenance tasks
- ii. Monitoring requirements (including frequency)
- iii. Frequency and thresholds of maintenance activities

Like other stormwater infiltration systems, the stormwater infiltration basin has an effective life span, after which the repair and/or reconstruction of this basin would be needed. A number of factors impact the effective life of an infiltration system, including the nature of the existing soils, the nature and amount of solid particulates discharged to the system, and the degree of maintenance. Maintenance of the proposed stormwater management systems will be critical to the long-term performance and effective life of the stormwater basin. The associated drain time of this basin should be routinely monitored.

11. A PDF of the approved plans and SWPPP shall be directed from the applicant to the Village of Horseheads' Stormwater Management Officer and to this office for our digital records.

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

Sincerely,

A handwritten signature in dark ink that reads "Jimmie Joe Carl". The signature is written in a cursive style with a large initial "J" and "C".

Jimmie Joe Carl, P.E.

Cc: Nate Nagle, Village Manager – Village of Horseheads
Bob Young, Village of Horseheads
Mark Watts, Chemung County Soil & Water Conservation District
Jessica Verrigni, Chemung County Stormwater Coalition