



851 Chemung Street
Horseheads, New York 14845

July 27, 2021

Attn: Mr. John McCracken, Director of Code Enforcement
City of Elmira Inspection Services Department
101 West Second Street
Elmira, New York 14901

**Re: Elmira Byrne Dairy
Pennsylvania Avenue, City of Elmira
SWPPP Acceptance**

Mr. McCracken:

I have completed a review of the following submitted information for the above-referenced project regarding the stormwater management plan for that project.

- Site Development Drawings for Elmira Byrne Dairy, Prepared by Plumbly Engineering, Revision dated June 30, 2021 (on cover sheet), Received July 26, 2021 via e-mail, Stamped by a licensed professional engineer
- Stormwater Pollution Prevention Plan for Construction Activities for the Elmira Byrne Dairy, Prepared by Plumbly Engineering, Dated April 2021, Received April 23, 2021 via e-mail, Stamped by a licensed professional engineer
- Response letter to June 29, 2021 review comments, Prepared by Plumbly Engineering, Dated July 22, 2021

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. A minimum of four sets of the stamped final Site Development Drawings and Stormwater Management Report shall be provided to this office within 5 days of the date of this letter.
2. One set of final approved Stormwater Management Report (including one set of the approved Site Development 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.
3. This acceptance pertains only to stormwater drainage and management facilities. It is incumbent upon the Applicant to obtain all necessary regulatory approvals and permits.
4. 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 City of Elmira's Director of Code Enforcement (copied to the Chemung County Stormwater Coalition), stating that the grading and stormwater management system for the project were constructed in conformance with the approved plans and specifications.

5. Within 3 days of this letter, the Applicant shall arrange a meeting with the City of Elmira's Director of Code Enforcement, the Chemung County Stormwater Coalition, and the Applicant's design professionals, to discuss requirements associated with the SWPPP and SPDES permit.
6. 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 Decomaction, April 2008 and Table 5.3 of the NYS Stormwater Management Design Manual.
7. The proposed stormwater management system includes a subsurface perforated pipe infiltration system, a Crystal Stream stormwater treatment unit, dry wells (for roof drainage), an infiltration basin, and a storm sewer system (with hooded inlets). The stormwater collection and management systems were designed to accommodate a 100-year storm event such that runoff from the proposed development will not reach off-site areas. The design infiltration rate used for the sizing of the infiltration systems was 30 inches/hour.
8. 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 systems. 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 systems, the Owner (or their contractor) shall take immediate actions to correct the situation.
9. It is imperative that silt and sediment not be directed to the proposed infiltration systems, as 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.
10. 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.
11. A formal, signed enforceable maintenance agreement for the stormwater management system shall be provided by the Applicant/Owner, accepted by the City, 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 City's Stormwater Management and Erosion and Sediment Control Ordinance and accepted by the City and their attorney. The maintenance agreement shall include a detailed operation & maintenance plan that has specific provisions for the long-term maintenance of the stormwater management system, including (but not limited) to the following items.
 - i. Specific operation and maintenance tasks
 - ii. Monitoring requirements (including frequency)
 - iii. Frequency and triggers of maintenance activities

As part of this plan, a table outlining inspection tasks shall be provided that includes sections for the date of the date of inspection, the results of the inspection, and other findings and observations. The operation & maintenance plan has not been accepted as of the date of this letter. The Applicant is responsible for submitting the operation & maintenance plan within one-week of the date of this letter to the Director or Code Enforcement of the City of Elmira (and the Chemung County Stormwater Coalition) for their review and acceptance.

12. Two weeks prior to the start of the installation of the stormwater system and in regards to the selection of the geotextile fabric for the proposed subsurface perforated pipe infiltration system and the proposed dry wells, the Applicant's engineer shall provide documentation to the City and to this office that the selected geotextile fabric is suitable for the proposed application.
13. A PDF of the approved plans and SWPPP shall be directed from the applicant to the City of Elmira's Director of Code Enforcement and to this office for our digital records.
14. Digital copies of the required site inspection reports by a Qualified Inspector shall be provided to the City of Elmira and the Chemung County Stormwater Coalition within 1 day after the completion of the site inspection.

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,



Jimmie Joe Carl, P.E.

Cc: Andrew Avery, P.E., City of Elmira
Rick Vary, City of Elmira
Julian Clark, P.E., Plumbley Engineering