



851 Chemung Street
Horseheads, New York 14845

April 21, 2015

Mr. Tim Gilbert, Code Enforcement Officer
Town of Big Flats Code Enforcement Department
476 Maple Street, P.O. Box 449
Big Flats, New York 14814

**Re: Elmira Fitness Center
Sing Sing Road, Big Flats, New York
Review of Stormwater Management Plan**

Mr. Gilbert:

I have completed a review of the following information for the above-referenced project regarding the Stormwater Pollution Prevention Plan and stormwater management system design for that project.

- Stormwater Pollution Prevention Plan for the Elmira Fitness Center, Stamped by a NYS Licensed Professional Engineer, Prepared by Fagan Engineers & Land Surveyors, P.C., Revision Dated March 2015, Received April 9, 2015
- FINAL PRINTS Site Plan Drawings for Proposed Elmira Fitness Center, Stamped by a NYS Licensed Professional Engineer, Prepared by Fagan Engineers & Land Surveyors, P.C., Revision Dated April 8, 2015, Received on April 9, 2015
- SWPPP Review Response, Prepared by Fagan Engineers in response to the Chemung County Stormwater Coalition's April 8, 2015 review letter, Dated April 8, 2015, Received on April 9, 2015
- Stormwater Infiltration and Test Pit Location Plan for additional soils testing, Prepared by Fagan Engineers, Provided via an April 10, 2014 e-mail

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

1. Additional infiltration testing and test pits are proposed to be completed for the proposed infiltration basin and forebays. It was agreed by the Town that the Applicant (as a Condition of Approval) could complete this additional testing after site plan approval. Additional infiltration testing and test pits shall be completed by the Applicant and submitted to the Town for their review and acceptance, prior to a building permit be issued.
2. Prior to issuing a building permit, the Applicant shall prepare a detailed design of the proposed stormwater conveyance system for the roof top runoff (including associated design calculations) and submit this information to the Town for their review and acceptance. This information shall be stamped by a NYS licensed professional engineer. Given that the design of the stormwater basins was based upon the 100-year peak flow from the proposed impervious areas being received by the basins, the associated conveyance system must be sized to convey the peak 100-year flow rates. As per Section 4.8 of the NYS Stormwater Management Design Manual, "*The 10-year storm is recommended as the minimum sizing criterion for closed conveyance systems. Note that some agencies or municipalities may use a different design storm for this purpose.*"

3. One set of final approved Stormwater Pollution Prevention Plan and one set of the approved Site Plan Drawings, with the executed approval stamp of the Chemung County Stormwater Coalition, must be on-site at all times during construction and site stabilization.
4. This acceptance pertains only to stormwater drainage and management facilities. It is incumbent upon the Applicant to obtain all necessary regulatory approvals, including the driveway permit from the Chemung County DPW. It is requested that copies of all necessary regulatory permits be provided to the Town of Big Flats Code Enforcement Officer for their records.
5. Upon completion of the proposed site construction (including the stormwater collection and management systems), a licensed professional engineer shall provide a certification letter to the Town of Big Flats Code Enforcement Officer (copied to the Chemung County Stormwater Coalition), stating that the project was constructed in conformance with the approved plans and specifications.
6. Silt, sediment, and/or dust shall not be allowed to leave the project site, including tracking onto public streets. 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, the Owner (or their contractor) shall take immediate actions to correct the situation.
7. Prior to the start of construction, it is requested that the Applicant arrange a meeting with the Town of Big Flats Code Enforcement Officer, the Chemung County Stormwater Coalition, and the Applicant's engineer, to discuss requirements associated with the SWPPP and SPDES permit.
8. It is requested that a PDF of the approved plans be directed to this office for our digital records.
9. A formal, signed enforceable maintenance agreement for the stormwater management system shall be provided by the Applicant/Owner, accepted by the Town, and executed by the Applicant, prior to the issuance of the building permit 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.
 - o That agreement must be fully consistent with the Town's Stormwater Management and Erosion and Sediment Control Ordinance and accepted by the Town's attorney.
 - o The maintenance agreement shall include a detailed operation & maintenance plan for the stormwater management system (including the following items). This plan shall include specific provisions for the long-term maintenance of the stormwater management system and shall be reviewed and accepted by the Town. The operation and maintenance plan shall outline action steps (with associated time frames) that would be implemented, if the infiltration basin does not drain within 48 hours.

If you have any questions or comments, please do not hesitate to contact us. Furthermore, we would be happy to discuss this project in greater detail.

Sincerely,



Jimmie Joe Carl, P.E.

Cc: Andy Avery, P.E., Chemung County DPW
Jessica Verrigni, Chemung County Stormwater