McGOEY, HAUSER and EDSALL
CONSULTING ENGINEERS D.P.C.

MARK J. EDSALL, P.E., P.P. (NY, NJ & PA)
MICHAEL W. WEEKS, P.E. (NY, NJ & PA)
MICHAEL J. LAMOREAUX, P.E. (NY, NJ, PA, VT, VA & CT)
PATRICK J. HINES
LYLE R. SHUTE, P.E. LEED-AP (NY, NJ, PA)

Main Office
33 Airport Center Drive
Suite 202
New Windsor, New York 12553

(845) 567-3100
fax: (845) 567-3232
e-mail: mheny@mhepc.com

Principal Emeritus:
RICHARD D. McGOEY, P.E. (NY & PA)
WILLIAM J. HAUSER, P.E. (NY, NJ & PA)

TOWN OF NEWBURGH
PLANNING BOARD
TECHNICAL REVIEW COMMENTS

PROJECT:	**THE POLO CLUB SENIOR HOUSING**
PROJECT NO.:	**2018-12**
PROJECT LOCATION:	**SECTION 39, BLOCK 1, LOT 1 & 2.12**
REVIEW DATE:	**11 SEPTEMBER 2020**
MEETING DATE:	**17 SEPTEMBER 2020**
PROJECT REPRESENTATIVE:	**ENGINEERING & SURVEYING PROPERTIES**

1. The Applicants representatives are requested to further evaluate the sanitary sewer treatment and discharge proposed. A further discussion on the discharge limits should be provided to clarify the intermittent stream standard design parameters. Information pertaining to average daily stream flow should be incorporated into the report. Information from NYSDEC stream stats can be utilized.

2. Alternative sewer design connecting to the Town of Newburgh's sanitary sewer collection system should be further evaluated. Schematic design plans including project routing should be provided. Any additional permitting or impacts depicted along the project routing should be identified.

3. In response to previous comments the Applicant has identified that access to the wetland mitigation construction area would be from adjoining properties. Information pertaining to this access and any impacts regarding this should be further identified. Information pertaining to how the project will be constructed if access from adjoining properties cannot be gained should be further clarified.

4. The SDEIS has been updated to include information from the NYS Office of Parks, Recreation and Historic Preservation including a 29 May 2020 No Impact letter, which has been incorporated into the SWPPP as an attachment.

5. A map should be provided in the SWPPP identifying the location of all permeability and deep test holes. A discussion should be incorporated into the plan identifying depths of test holes in relationship to final grading of the infiltration basins.

6. The SWPPP narrative identifies an 5 inch per hour infiltration rate. The model of the infiltration basin identifies 14.5 inches per hour. The text in the report identifies greater than 5 inches per

hour. The model and report should be checked with the soil testing which has been performed.

7. Plans and SWPPP should identify whether safety fencing will be provided for all Stormwater Management Facilities which contain standing water during any portion of the model storm events.

8. The flow characteristic data in the Potable Water report identifies testing performed 6 July 1996. It is requested the Applicants evaluate this testing in coordination with the Water Department to confirm that the flows and pressures utilized in their report are still valid based on bringing the Delaware Aqueduct Plant online since 1996.

9. The Sanitary Sewer Treatment Plant report identifies preliminary effluent limits from DEC dated 1 April 2020. Information pertaining to the DEC and the discharge rates should be identified.

10. The information identifies a chlorine residual, however the design report identifies the use of ultraviolet treatment for disinfection.

11. The Earth Tech report included in the Waste Water Treatment Plant design identifies BOD at 250ml per liter in the influent. Based on the use of water saving fixtures this office has seen BOD's in the range of 300-400 for influent.

Respectfully submitted,

McGoey, Hauser and Edsall
Consulting Engineers, D.P.C.

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Patrick J. Hines
Principal

PJH/kbw

The Polo Club Senior Housing

Link to additional information:

http://www.engineeringpropertiespc.com/documents