

COUNTY OF ERIE
DEPARTMENT OF ENVIRONMENT & PLANNING
DIVISION OF SEWERAGE MANAGEMNT
*** * MEMORANDUM * ***

TO: Kevin Zynda, P.E., Sanitary Engineer
FROM: Matt A. Salah, P.E., Senior Coord. Sewer Construction Projects
DATE: June 9, 2016
RE: Eastern Hills Pumping Station
Fireside Apartments
8230 Wehrle Drive

On December 16, 2015 Fireside Apartments received a conditional approval from the Division of Sewerage Management (DSM). The Downstream Capacity Analysis (DSCA) for this project was approved by the New York State Department of Environment and Conservation (DEC) on August 28, 2015. This DSCA did not consider the capacity of the existing pumping stations along the route. The stations are Bryant and Stratton followed by Eastern Hills Pumping Station. Based on the sewer district's comments provided on October 27, 2015, the Bryant and Stratton pumping station has available capacity to accept the additional flows from this project. However, it was stated in their comments that the Eastern Hills Pumping Station may be reaching its capacity. Adding another 97 GPM in peak flows from this development would be discouraged unless the station is upgraded.

Therefore, the sanitary sewer plans that were approved on December 16, 2015 consisted of the Fireside Apartments assisting with upgrades of the Eastern Hills Pumping Station. The upgrades consisted of replacing the pumps, control panel and seating elbows along with one spare pump.

Once the new pumps were sized it was discovered that the existing power is not sufficient. Upgrade of the electrical source was not anticipated.

Based on the pump hours from March 2, 2016 to May 27, 2016 there is excess available capacity to accept up to one third of the proposed peak flows of Fireside Apartments. On June 7, 2016 I met with sewer district staff and the developer to discuss options and possible planning of the project.

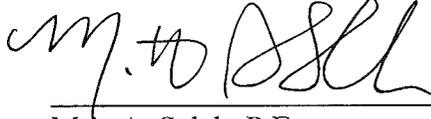
Mr. David Huck of Regent Development understands the situation. He is in agreement to construct only the first three buildings of this development prior to upgrade of the pumping station. He is also in agreement to purchase and provide the following:

- 3- 680 GPM; 15 HP pumps
- Guide Rails
- Control Panels
- Seating Elbows

Item
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In addition, the developer will pay towards the standard I/I removal work. It is my recommendations that the DSM let a contract to upgrade the electrical service and install the pumps furnished by the developer. This may be accomplished in a timely fashion if we authorize one of the consultants under the current term agreement to proceed with the design, and prepare construction documents for bid.

Respectfully Submitted,



Matt A. Salah, P.E.

Senior Coord. Sewer Construction Projects

Moved: _____

Seconded By: _____

Approved: _____

Date: _____

MAS:kz

Cc: J.Fiegl/5.2.5.Ext