

Members present: Ann Borgstrom, Bill Travis, Jim Wieboldt, David Damaske, Susan Stehling, Jeff Martin, Neil Stein, Lisa Roberts, Mary Lyng Board Secretary

Others: David Condon, Town of Victor Liaison, Jack Marren, Town of Victor Supervisor, Todd Campbell, Town of West Bloomfield Supervisor, Jim Kier, East Bloomfield Code Enforcement Officer

Bill Travis called the meeting to order at 7:00 p.m.

STATUS OF GOMEZ & SULLIVAN ENGINEERING STUDIES OF PARK DAMS

The following were handouts at the meeting: The September 17, 2018 letter from Gomez and Sullivan regarding the Proposal for Engineering Consulting Services, the Hazard Classification Requirements, the meeting history of September 17, 2018, and the DEC Guidelines for the Design of Dams

Jeff Martin and Bill Travis gave a presentation on the September 17th phone call with Gomez and Sullivan regarding the Dams Engineering Assessment (see below)

Meeting History – September 17, 2018, at Victor Town Office

Subject: Update Regarding Dams Engineering Assessment (EA)

A conference call EA update was performed by D. Gomez of G&S with B. Travis, F.Wille, Todd Campbell, Jack Marren, Jim Wieboldt, and J. Martin in attendance. Update notes are shown below.

- Complete the EA
 - Dambreak Analysis, Inundation mapping, Hazard Assessment *Previous update 8/30/18: (Cross sections needed to be updated to conform to a recently released set of more accurate data from the US Geological Survey. G&S has determined that a number of houses will fall into the inundation area under dam failure scenario. In addition, the hazard assessment will likely cause the dam classifications to move up due to the number of homes that could be flooded. G&S is still performing the modeling and preliminary mapping and assessment will be provided by mid-September.)* **This Update: G&S has had difficulty with the modeling due to the complex topography of the area involved, however, it still appears that the number of homes impacted will move the dams hazard classifications up. Preliminary mapping will be sent to us later this week.**
 - Data collection & Stability review *Previous update 8/30/18 (About 100 data documents were provided by NYS, however, the information required to perform the embankment stability analysis is not adequate. The engineers are still reviewing data; however, it is highly likely that they will need better information on the composition of soils which will then need to come from borings. The cost of the borings could be up to \$48,000 if 8 borings are required to do both dams. The engineers will complete the data review and will advise regarding the borings by mid-September.)* **This Update: G&S provided a proposal dtg. 9/17/2018 for the borings and the geotechnical analysis. The proposal would be an amendment to the current contract for an amount of \$83,700. The majority of discussion involved the proposed 9/17 amendment .**
 - Damian explained that the stability analysis was required by the DEC regulation and that the requirement had been in place for some time.
 - Damian explained that the original plan was to utilize specifications and construction documentation obtained from the DEC and Boughton, however, no specifications or information could be found

regarding the actual soils used for construction. The engineers need to have much better information on the soils used and they also need to know what the groundwater surface looks like.

- Damian explained that the G&S proposal was based around two quotes that were obtained from specialty contractors who could perform the work.
 - The drill rig would be track mounted , smaller than a pickup, and can manage the existing roads/trails.
 - 3 borings per dam would be required close to the middle of the dam. One boring upstream of the core wall. One boring on the dam crest downstream of the core wall. Another boring on the downstream slope, about 1/2 way up, and which would require a platform for the drill rig.
 - The work would be performed mid-November, would take two weeks, and would be supervised by a G&S engineer who is currently supervising a similar project.
 - A ¾ slope boring would be lined with plastic pipe and capped so that future water level data could be obtained. The remaining two borings would be filled with soils to be determined later.
 - The samples would be sent to a lab for testing which will take about 2 weeks.
 - G&S will utilize lab results to perform the stability analysis which will take about two weeks.
 - If the stability analysis demonstrated a need for remediation, Damian explained that a possible solution included the addition of soils and the regrading of the downstream embankment. Additionally, Damian explained that complex drain systems could be added but that the cost of this approach would likely be much higher than the regrade approach.
 - JM later learned from Damian that a specialty contractor is required: the contractor which would be selected is based in Buffalo and they have a local office in Henrietta. Also, G&S has utilized their services before and has had favorable experience.
- EAP Update *Previous update 8/30/18 (G&S still needs to complete inundation and dambreak models before starting this task. **This Update: No discussion , JM does not expect a change from previous update.***
 - EA Report *Previous update 8/30/18 (This date will slip by a yet to be determined amount of time. A more accurate update will be provided by mid-September once the information mentioned above is provided and a subsequent review with G&S is performed.) **This Update: Per Damian, the EA report will slip to around mid-January 2019 .***

RESOLUTION 18/9-5

On motion of Susan Stehling, seconded by Ann Borgstrom

RESOLVED that the Cost Estimate for Boughton Park for the soil borings and analysis for an amount not to exceed \$83,700.00 BE APPROVED

Adopted Ayes 7 Nays 0

On motion of Lisa Roberts, seconded by Jeff Martin

The meeting was adjourned at 7:20 p.m.

The next regular meeting will be Thursday, October 4, 2018 at 7:00 p.m. the Victor Town Hall Veterans' Memorial Meeting Room on the second floor.