

Members present: David Damaske Ann Borgstrom, Bill Travis, Glenn Cooke, Jeff Martin, Lisa Roberts, Jim Weiboldt

Others: David Condon-Town of Victor Liaison, Frank Fessner – Town of East Bloomfield, Jay Mitchell – Town of East Bloomfield, Rokhsanna Sadeghi

President David Damaske called the meeting to order at 7:05 p.m.

RESOLUTION No. 19/1-1
APPROVAL OF MINUTES

On motion of Jeff Martin, seconded by Glenn Cooke

RESOLVED that the minutes from December 6, 2018 BE APPROVED

Adopted Ayes 7 Nays 0

RESOLUTION No. 19/1-2
TREASURER'S REPORT

The November December Balance Sheet, P&L and vouchers to be paid were submitted.

There was discussion of the budget for 2018, 2019 and 2020 in light of the engineering analyses being prepared on the condition of the dams in the park. The need for the Towns to know about the anticipated costs of work needed on the dams was stressed. Reports from the engineers are expected in February-March. State reviews of the engineering analyses and planned work are needed. It is anticipated that rough cost estimates can be generated before budget requests for 2010 are due in August. There is also the possibility of Farmington becoming a sponsor which would reduce the burden of costs on the three original sponsoring towns. There is no "crystal ball" for projected costs and, at this point, it cannot be determined if the dams are stable. Town representatives felt that briefings on the costs of dam work are both important and necessary. It was suggested that visits by Town representatives to the park along with briefings on work needed would be most useful for all. The work on the dams could possibly be staged over several years to lessen the financial impacts on the towns. Perhaps financial assistance can be requested from the State of New York.

On motion of Glenn Cooke, seconded by Jeff Martin

RESOLVED that the December 31, 2018 Balance Sheet, P&L, and the vouchers to be paid BE APPROVED

Adopted Ayes 7 Nays 0

2019 ORGANIZATIONAL BUSINESS AND APPOINTMENTS

DESIGNATE BANK

Canandaigua National is the bank of record

DESIGNATE NEWSPAPER FOR LEGAL NOTICES

The newspaper of record will be the Canandaigua Daily Messenger

APPOINT ATTORNEY

Reid Holter, Esq. in Victor is the attorney of record

APPOINT MAINTENANCE AND SECURITY PERSONNEL

Appoint Kevin Henehan as Park Maintenance and Matt McDonald as Park Security

APPOINT BOUGHTON PARK SECRETARY

Appoint Mary Lyng as the Boughton Park Secretary

On motion of Glenn Cooke, seconded by Bill Travis

RESOLVED that the above 2019 Organizational designations and appointments BE APPROVED

Adopted Ayes 7 Nays 0

STATUS OF GOMEZ & SULLIVAN ENGINEERING STUDIES & BORINGS OF PARK DAMS

Jeff Martin provided the Board with an update on the engineering work underway including borings of the dams. He also distributed a written report that provides the history of the dams and outlines the status of our ongoing assessments. This report is attached to these minutes. Mr. Martin will distribute this report to the three Town sponsors.

Mr. Martin noted that the real issue confronting the Board and the Towns concerns the dam stability analyses. These analyses will drive whatever work will be required on the dams.

There was discussion of the need for a new trail that will bypass the dams to both deal with construction at the dams and to provide an alternative route for the future. Lisa Roberts will be working with Chauncey Young of Victor Hiking trails and others on this matter. It was recognized that if a new trail is needed to bypass the dams during any construction period and after, we should get into this early.

REVIEW OF QUOTES FOR TREE FELLING ON EAST POND TRAIL

Glenn Cooke explained that quotes have been received for the felling of trees on the East Pond Trail that are a hazard to hikers. These quotes came from Davy Tree Expert Company of Rochester and Extreme Tree and Landscape of Bloomfield. Extreme Tree provided the lowest quote which is \$925.00.

A motion to award the tree work to Extreme Tree was made by Jeff Martin, seconded by Ann Borgstrom. Motion approved unanimously.

ADDADDITIONAL BUSINESS ITEMS

- Request for approval of another Unlimited Breadsticks Race on Seneca Trail

Greg Castro of Rochester Running Co. has requested approval for a that would use trails in Boughton park before continuing north on the Seneca Trail. A similar race was run last September. Several members expressed concern about the parking situation during last year's race that severely inconvenienced regular users of the Park. The Board decided to ask the race's sponsor to come up with a plan to avoid last year's problems and present this plan to the Board.

- President's request

President Damaske asked Board members to think about what projects should be undertaken at the park such as trail improvements and new sanitary facilities. He also asked members to consider ways of generating revenues to pay for such projects including contributions and perhaps grants.

- Problem with Beavers

There was discussion of a current problem with beavers felling trees in some areas. David Damaske will talk with a trapper who the Park has used in the past to deal with the problem.

- Adjournment

A motion to adjourn was made by Glenn Cooke, seconded by Jeff Martin. Motion approved unanimously. The meeting was adjourned at 8:16 p.m.

Submitted by Glenn Cooke

The next meeting will be Thursday, February 7, 2019 at 7:00 p.m. at the Victor Town Hall Veteran's Memorial Meeting Room on the 2nd floor.

Boughton Park Dams - Information Meeting Outline

History

Both dams were built nearly 90 years ago to create water reservoirs for the Village of Fairport.

West Dam was built in 1925 using a concrete curtain wall construction with earthen embankments and a concrete spillway.

East Dam was built in 1932 using a concrete curtain wall construction with earthen embankments and a concrete spillway.

Time passes. The Village grows, needs more water, and the stop logs are added in the year 1960 to both dams raising the reservoir water levels by 18 inches.

About 28 more years pass. The Village of Fairport needs to add additional sources of water and then signs on to the Monroe County Water Authority. The Village subsequently puts the reservoir property up for sale.

The Towns of East Bloomfield, Victor and West Bloomfield vote to purchase the property in 1991 for \$1,500,000. Boughton Park is born.

The NYS DEC issues new regulations in August 2009 for dams and requires the following:

- Inspection and Maintenance Plans
- Emergency Action Plans
- Inundation Maps
- Engineering Assessments

Boughton Park's **initial Compliance Work included:**

- The **addition of bottom drains and a two valve system** for both dams to give them the ability to lower the pond level over a set period of time.
- **Repair of the spillways and the regrading** of both dams to remove trees, woody vegetation, and old stumps.
- **Embankment reseeding** with specified grass.
- **Preparation of:** Inspection and Maintenance Plans, Emergency Action Plans, and Inundation Maps.

Next the DEC regulations called for an *Engineering Assessment* of both dams.

- This is a very detailed stability assessment of a dam's structure and its ability to withstand extreme rain events and its downstream impact in case of a dam failure.
- In addition, dam break analysis, hazard classifications, emergency action plans, inundation maps, inspection and maintenance plans, and spillway capacities are verified.
- Boughton Park spent several months seeking and then reviewing 9 proposals from engineering firms those specialize in dam engineering. Out of the 9 proposals Gomez and Sullivan was selected to do the required assessment.

What we have learned so far:

- The crest of the west dam has settled over time and is 2 feet below specification in some places while the east dam is down 6 inches.
- The combination of low crest levels and additional water held back by the stop logs reduces the dams overall ability to handle 150% of a 100 year rain event. Currently both dams cannot meet this requirement.
- Likely Spillway/Containment Capacity Remediation:
 - Raise the crest level back to original design and initial construction height.
 - Remove the stop logs.
- No record could be found in Fairport or Albany that records the types of soils or the compaction method used to form the earthen embankments. Without this data the engineers cannot make an assessment of the dams overall stability.
- Remediation:
 - Bore into embankments for soil samples and to ascertain water levels.
 - Perform final stability analysis, and then if further remediation is needed:
 - One possibility is to add additional soils to extend the embankment further downstream to reinforce the existing earthen works.
 - Another possibility is to add more drains in the embankments.