

**Town of Andes  
Public Hearing  
May 4<sup>th</sup>, 2018 at 6:00PM  
Andes Town Hall**

**Present:**

Supervisor Wayland 'Bud' Gladstone  
Councilman Ritchie Gabriel  
Councilman Thomas Hall-Absent & Excused  
Deputy Town Clerk Lauren Green

Councilman Shayne Moshier  
Councilman Dale Cole-Absent & Excused  
Town Clerk Kimberly Tosi

**Others:**

Graydon Dutcher-DCSWCD  
Jesslyn Cleary  
Maria Norris  
Mary Davis  
Kristen Janke Schneider-Delaware County Planning  
Wendell Buckman- Barton & Loguidice, D.P.C.

Jim Andrews  
Buffy Calvert  
Gerald Norris  
Judy Morse  
Tina Moshier-Assessor

**Call to Order:**

Supervisor Gladstone called the Public Hearing to Order at 6:02PM.

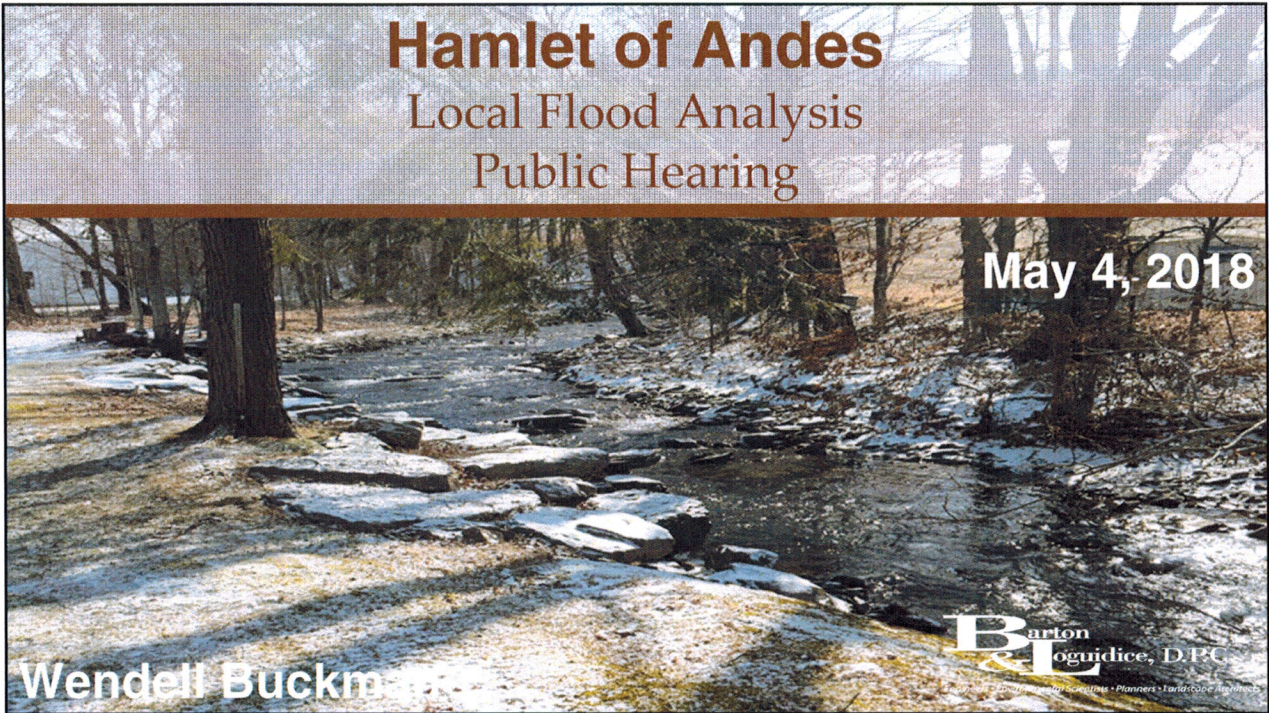
**Public Hearing:**

Wendell Buckman of Barton & Loguidice, D.P.C. gave a presentation on the findings of the Local Flood Analysis.

A resolution for passage of the Local Flood Analysis will go before the board at their regular monthly meeting on May 8<sup>th</sup>, 2018 at 7PM.

**Adjourn:**

Motion to adjourn made by Supervisor Gladstone, Seconded by Councilman Gabriel. All in favor, Councilman Hall and Cole-Absent & Excused. 6:45PM.



## Snapshot of Program Goals

- Understand where, when and why flooding happens in Andes
- Identify public and private infrastructure at risk
- Develop potential projects to reduce flood hazards
- Evaluate cost/benefit of options
- Draft a plan to prioritize and implement projects

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## **Project Oversight**

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- **Andes Flood Advisory Committee**
- **Delaware County Soil & Water Conservation District**
- **NYCDEP Stream Management Program**



## **Public Input**

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- **Public Meeting – June 2016**
- **Public Meeting – October 2016**
- **Public Meeting – September 2017**
- **Stream Walks**
  - March 2016
  - May 2016
  - July 2017







## The Work Plan

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- **Mitigation alternatives analysis**
  - Develop and evaluate flood mitigation alternatives
    - Cumulative benefit of combined measures
  - Identify ancillary benefits / obstacles to implementation
- **BCA (benefit/cost analysis) for potential projects**
  - Value of impacts averted / cost of proposed project =BCR




## The Work Plan

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- **Preparation of Local Flood Hazard Mitigation Plan**
  - Discussion of pre-study flood conditions
  - General overview of work process and findings
  - Model results and description of flood-related impacts
  - Evaluated and and final (recommended) mitigation alternatives
    - Summary of BCA for each recommended mitigation alternative at each area
  - Opportunities for project funding
  - Future projects for consideration as funds become available
  - **The Flood Mitigation Plan is a “living document”**



## Alternatives Evaluated

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- Managed Farm / Stormwater Practices Upstream of Hamlet
- Detention Pond Upstream of Hamlet – Tremper Kill
- Liddle Brook Dam Enhancement
- Influence of Bridge
- Debris Influence at Bridges
- Aggradation/Degradation
- Basement Flooding
- Floodplain Conveyance through Andes



## Floodplain Conveyance

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## **Recommendations**

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- **Early Warning Systems**
- **Storm Damage Database**
- **Anchor Fuel Tanks**
- **Elevate Houses within Floodplain**
- **Relocation of outbuildings**
- **Zoning Regulation Updates**
- **Education/Public Outreach**



## Action Items

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- Hold Regular Meetings of the Flood Commission
- Promote securing of fuel tanks
- Review Town Building Codes/Floodplain Management
- Identify/Prioritize sediment sources upstream
- Increase documentation of damage
- Hold education “How to” session on filling basements



## Questions / Discussion

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