

Olive Flood Advisory Committee Meeting Minutes

Tuesday, July 14, 2015

Town Hall, Bostock Road, Shokan, NY at 6 pm

The Flood Advisory Committee Meeting #2 on Local Flood Analysis (LFA) was held at the Town Hall on Bostock Road, Shokan, NY at 6:00 pm.

Committee Members in Attendance:

Sylvia Rozzelle, Olive Town Supervisor
Dom Covello, Town of Olive Building Inspector
Ed Kahil, Town of Olive Resident/NYC DEP (retired)
Nicholas Burgher, Town of Olive Resident/Surveyor
Jody Hoyt, Town of Olive Resident/Trout Unlimited
Heather Gierloff, Town of Olive Resident
Andrew Emrich, Town of Olive Resident/Ulster County DPW
James Hyde, Town of Olive Resident/Town of Olive Highway Dept.
Drew Boggess, Town of Olive Deputy Supervisor/Planning Board Chairman
Judy Coutinho, Town of Olive Resident

Others Present:

John Parete, Chairman Ulster County Legislature
Peter Friedel, Town Board Member
Scott Kelder, Town Board Member
Jim Sofranko, Town Board Member
Aaron Bennett, UC Dept. of Environment
Brent Gotsch, CCEUC
Danyelle Davis, NYC DEP
Phil Eskeli, NYC DEP
Adam Doan, UCSWCD
Timothy Cox, CWC
Jamie Joy, AWSMP

Supervisor Rozzelle called the meeting to order at 6:00 pm. George Fowler, Senior Project Manager presided over the meeting.

Mr. Fowler stated that this is the second of four public meetings to be held during the Local Flood Analysis. A Local flood Analysis or LFA for short is a proactive way of dealing with flooding. The LFA will use science and engineering analysis to come up with a recommendation to relieve flooding related hazards.

Where Does the LFA Happen?

There are two areas in the Town of Olive that the LFA is reviewing.

1. Esopus Study Area
2. Bushkill Study Area

Work Completed So Far:

The Public and the Flood Advisory Committee submitted hazard locations.

Identified Hazards

- Esopus Study Area- ten (10) hazards
- Bushkill Study Area-eleven (11) hazards
- Town of Olive- fifty three (53) hazards

Most Common Hazard Type

- **Esopus Study Area**
 - Seven of ten hazards are inundation hazards
 - Two of ten are debris jams
- **Bushkill Study Area**
 - Six of eleven are erosion hazards
 - Five of eleven are debris/storm water hazards

Terminology:

1. Flood Plain- an area of low lying ground adjacent to a river formed mainly of river sediments and subject to flooding.
2. Alluvial fan- A fan or conical shape deposit of sediments built up by streams.
3. Inundation hazards- When creek rises it spills over banks and impacts people with flooding.
4. Erosion Hazards- Stream velocity eats away at stream banks, bridge abutments etc.

Esopus Study Area-

Why does it flood? Why does it flood so frequently?

The LFA developed a map called the Terrace & Flood plain Terrain Map to track hazards within the Esopus and the terrain to determine why the Esopus floods. Upstream from the project area near Old Winne Road is a huge gravel bar, there are not a lot of large trees and it floods regularly. Anything close to river elevation like the Boiceville Market area will flood frequently. There is a wide open area upstream where the water flows through a tight valley area and the first opportunity for the water to enter the flood plain is where the Boiceville Market is. The LFA is starting to paint a picture of why we see flooding in this area.

Bushkill Study Area-

The Bushkill study area is a very different beast. The valley wall as you proceed down the Bushkill past the Maltby Hollow starts to expand. By the time it reaches the Bushkill Bridge the

expansion of the valley wall is a very normal characteristic of an alluvial fan. An alluvial fan is an area where sediments, bed load and other kinds of wood debris get dropped off. The creek tends to move back and forth through this coned area. This alluvial fan combined with erosion and obstruction hazards along the Bushkill work together to cause flooding. The Bushkill is not an inundation problem.

There was further discussion on the use of bulldozers and dredging of the Bushkill to alleviate the problems.

A copy of the Power Point presentation given by Senior Project Engineer George Fowler is attached to these minutes.

Dated: July 27, 2015

Dawn Giuditta, Olive Town Clerk