

# Meeting Notes

## ATTENDEES

**BOB BENNETT**  
Village of Johnson City

**KIM CUNNINGHAM**  
Village of Johnson City

**CINDY KENNERUP**  
Village of Johnson City

**BETH LUCAS**  
Broome County  
Planning Division

**DAN FULLER**  
New York State  
Department of  
Environmental  
Conservation

**NADINE LITTLE**  
New York State  
Department of  
Environmental  
Conservation

**KEVIN DELANEY**  
New York State  
Department of  
Environmental  
Conservation

**BRAD WENSKOSKI**  
New York State  
Department of  
Environmental  
Conservation

**SHUDIPTO RAHMAN**  
FEMA

**SRIKANTH KOKA**  
STARR II

## VILLAGE OF JOHNSON CITY LEVEE ANALYSIS AND MAPPING PROCEDURES MEETING 2

May 15, 2018

Location:  
243 Main Street  
Johnson City, NY 13790

Action Item	Owner
1. Draft the levee analysis and mapping plan. FEMA will then coordinate the LLPT 3 meeting to discuss the plan in greater detail with the community.	FEMA
2. Share fact sheets and additional information around insurance.	FEMA

## AGENDA

- Review Village of Johnson City's Levee Flood Hazard
  - Local Levee System
  - Review Results of New Data Analysis
- Discuss Next Steps in the Process

## NOTES

Following the general meeting on May 14, 2018, FEMA conducted a break out session with the Village of Johnson City to provide more community-specific information and outline next steps in this process. FEMA reiterated that the goal of this project is to provide additional information intended for emergency preparedness and community planning.

## Technical Overview

- FEMA modeled the Structural-Based Inundation Procedure, which identifies the landside inundation area during hypothetical breach scenarios. The resulting inundation map is a composite of the 1-percent-annual-chance inundation areas for hypothetical breaches at an upstream, downstream, and midpoint along the levee systems.
- Due to the topography of the area, the inundation area associated with the Structural-Based Inundation Procedure is not significantly different from the Natural Valley inundation.



# Meeting Notes

SETH LAWLER  
STARR II

CURTIS SMITH  
STARR II

TOM SMITH  
FEMA Outreach  
Consultant

PAIGE MANDY  
FEMA Outreach  
Consultant

- For the Village of Johnson City's levees to be accredited, the levee crest needs to have at least three feet of additional freeboard above the base flood elevation.

## Crest Profiles

- During the meeting, FEMA went through the crest profiles for the Village of Johnson City.
- The majority of the Village of Johnson City's levees do not meet the minimum freeboard requirement (except for levee #23).
- The caveat to this requirement is that if the system is deemed to be sound from an engineering perspective and meets 2 feet of freeboard, then it can pass to meet the accreditation requirement.

FEMA and the communities discussed that the levees are inter-connected across communities and that the flood risk should be looked at as a levee system. Coordination between communities is key to figuring out this process and obtaining state and federal funding resources.

FEMA and the communities discussed next steps in the levee mapping and analysis process. The levee analysis and mapping plan will be delivered following this meeting. The document will summarize what we know about the levee systems, the initial analysis and the communications and engagement had with the communities throughout the process. FEMA anticipates the plan will take a month to put together and from there, the communities will be re-engaged to discuss the plan.

## BREAKOUT DISCUSSION

- **QUESTION:** Zone D is only a FEMA designation. You don't have any input on how much the lending institutions would charge?
  - **ANSWER:** There's a federal mandate for Zone A and Zone AEs, that if you have a federally backed mortgage in either of these zones, you are required by federal law to carry flood insurance. Zone D is not required by federal law, but lending institutions can dictate their own rules and could require homeowners to purchase flood insurance.
- **QUESTION:** If a resident asks about the insurance issue, who do we send them to?
  - **ANSWER:** You can send them to the New York State Department of Environmental Conservation (NYSDEC) or the FEMA Insurance Advocate, which can be found on FEMA.gov or through the NFIP Support Call Center at (800) 621-3362.



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- **QUESTION:** If a levee falls below the 1-percent-annual-chance flood, does it make sense to do the freeboard?
  - **ANSWER:** No, you would need to raise your levees to make them sound structures.
- **QUESTION:** The analysis won't improve your food risk, correct?
  - **ANSWER:** Correct.
- **QUESTION:** For us to spend money to get our system accredited, we would have to improve all six levees (including those in Town of Union) to gain protection?
  - **ANSWER:** Yes, you would have to coordinate with the Town of Union to achieve this.
- **COMMENT:** Levee 29 has never been maintained as a levee, but FEMA deems it as one.
- **QUESTION:** When new mapping occurs, would this modeling be updated?
  - **ANSWER:** Yes, the modeling would be updated. The purpose of this mapping is to give the community options and a sense of what the new mapping will look like down the line.
- **QUESTION:** We didn't build these levees, and we have not maintained them. Our understanding is that they were built through a federal program and NYSDEC has been maintaining them, but now the municipalities are being asked to improve them?
  - **ANSWER:** NYSDEC has agreed to maintain the levees as the U.S. Army Corps of Engineers (USACE) has built them, but anything to improve them to meet the requirements (which came later) by FEMA, is the community's responsibility.
  - FEMA is not saying communities need to accredit these levees, but instead is providing elevation data and mapping the flood plain to allow communities to make more informed decisions.
- **QUESTION:** In Zone D, what are the building requirements?
  - **ANSWER:** There are no building requirements in Zone D. The 2010 preliminary maps for Broome County can be used for building decisions, but this is optional and the best available data (although not effective).

# Meeting Notes

- **QUESTION:** Has the County discussed getting the impacted communities and their elected officials together to discuss next steps?
  - **ANSWER:** Broome County does not know what it will cost to move forward with accreditation. Broome is planning to organize something to discuss this after these meetings are over.
- **QUESTION:** Our current FIRMs deem that this area is protected, and now this new data says it is not. What will this cost per year? This data seems to be important to share with the community as this will be an economic issue.
  - **ANSWER:** This data is not effective, so insurance requirements will not change at this time.
  - When new mapping occurs, it is likely that this area will be mapped into the flood zone. The Newly Mapped in Clause allows people who bought their homes before new maps went effective to start at a low rate (~\$400/year) and then it will gradually grow until it reaches the rate. FEMA to share the insurance fact sheet.
- **QUESTION:** Does FEMA have any depth grids to share with the community?
  - **ANSWER:** Yes, we have the depth grids for both Natural Valley and Structural-Based Inundation analyses, which will be shared in the draft report.
- **QUESTION:** Where can we access this map?
  - **ANSWER:** The link will be shared with the community.

**Commented [AG1]:** PAIGE INCLUDE IN NOTES TO SHU WHEN HE SENDS OUT

# Meeting Notes

Department of Homeland Security  
Federal Emergency Management Agency  
Region II – Mitigation Division



FEMA

## JOHNSON CITY LLPT 2 MEETING SIGN-IN SHEET

Meeting Date/Time: Tuesday, May 15, 2018  
9:00 AM – 10:00 AM

#	Name – PLEASE PRINT	Title	Organization/Town	E-Mail
1	BOB BENNETT	Dir. of Public Services	Vof J.C.	jedops@villageofjc.com
2	Kimi Cunningham	Admin Asst to Mayor	Village of JC	kimc@villageofjc.com
3	Beth Lucas	Senior Planner	Broome County Planning	blucas@co.broome.ny.us
4	Cindy Kennerly	Clerk-Treasurer	Village of JC	cindy.ke.villageofjc.com
5	Seth Lawler	Project Engineer	STAR II	<del>seth.lawler@star2.com</del> slawler@denbury.com
6	DAN FULLER	Professional Engineer	NYS DEC	daniel.fuller@dec.ny.gov
7	SRIRAM KOKA	Project Manager	STAR II	skoka@denbury.com
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FEMA

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