Know Your Line: Be Flood Aware

It HAS Happened Here
The Risk MAP National Outreach Strategy

Vincent Brown, FEMA
Fred Tombar, HUD
Lauren Leuck, USACE
Todd Davison and Victor Hom, NOAA
Courtney Partlow, ICF International/Accenture
The Problem

- Floods are the most common and costly natural disaster in the United States and all communities are vulnerable
- Over a 30-year mortgage, homes and businesses in high-risk areas have a 26% or greater chance of flooding
  - 2 ½ times greater than the chance of fire
- People and businesses often take few steps to protect themselves from floods

“It won’t happen here.”
Part of the Solution

- FEMA knows that the public does not want to hear about flooding from the Federal government*
  - Prefer to hear about it from local officials

- Developed a strategy for a high water mark campaign that relies on local ownership and implementation
  - Showcasing the outcome of a community’s most severe flood can offer a powerful testimony and daily reminder to local citizens

- FEMA approached other Federal agencies with similar concerns about flooding to jointly implement the strategy

- The High Water Mark Initiative, “Know Your Line: Be Flood Aware” was born
  - Nine Federal agencies working together
  - Goal is to motivate individuals to reduce risk

*Per findings of 2010 and 2011 Risk MAP Flood Awareness Surveys
# Participating Agencies

<table>
<thead>
<tr>
<th>Agency</th>
<th>Division/Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Emergency Management Agency</td>
<td>Federal Insurance and Mitigation Administration</td>
</tr>
<tr>
<td>National Oceanic and Atmospheric Administration</td>
<td>National Weather Service, Coastal Services Center</td>
</tr>
<tr>
<td>National Park Service</td>
<td>Center for Urban Ecology</td>
</tr>
<tr>
<td>Small Business Administration</td>
<td>Office of Disaster Assistance</td>
</tr>
<tr>
<td>U.S. Army Corps of Engineers</td>
<td>Institute for Water Resources, Silver Jackets</td>
</tr>
<tr>
<td>U.S. Department of Agriculture</td>
<td>Natural Resources Conservation Service</td>
</tr>
<tr>
<td>U.S. Department of Housing and Urban Development</td>
<td>Office of Sustainable Housing and Communities</td>
</tr>
<tr>
<td>U.S. Environmental Protection Agency</td>
<td>Office of Emergency Management, OSWER</td>
</tr>
<tr>
<td>U.S. Geological Survey</td>
<td>Office of Surface Water</td>
</tr>
</tbody>
</table>
“Know Your Line” Overview

- **Description**
  - Encourages communities to post markers on prominent buildings to identify how high flood waters have risen in the past, conduct a kick-off event, then reinforce with outreach over time

- **Objectives**
  - Raise flood risk awareness, drive action to reduce risk

- **Audience**
  - Homeowners and renters, youth, elderly, local businesses

- **Features**
  - Turnkey outreach strategy and customizable tools and materials to allow communities to quickly establish a tailored initiative
  - Established partnerships with numerous agencies and organizations to support widespread outreach
Benefits of Community Participation

- Underscores its commitment to the well-being of its citizens and local business community
- Galvanizes the community to take steps now to reduce the often devastating impact of floods
- Earn Community Rating System Rating (CRS) points to reduce the cost of flood insurance across the community
- Put Federal and state mitigation assistance funds to work
First Step: Pilot Communities

- Identified 6 potential pilot communities
  - Talking with them now to determine their interest in participating

- To choose pilots, we considered:
  - Regional and demographic diversification
  - Subject to a range of types of flooding
  - Different flooding histories
  - Availability of data
  - Availability of funding
  - Strong relationships with community members or demonstrated interest in this type of activity
  - Highly visible locations
Pilot Project Responsibilities

- **Federal agency point of contact will:**
  - Help the community tailor the strategy and materials to suit their needs
  - Provide recommendations and consultation on implementation activities
  - Provide recognition to pilot participants online and at conference and trade association meetings
  - Help the community determine where the signs will go

- **Pilot participants will:**
  - Establish a point-of-contact for “Know Your Line” activities
  - Tailor the strategy and materials to suit their specific needs
  - Launch the initiative and sustaining activities
  - Provide feedback, best practices, and insights to help us improve the campaign prior to national roll-out
  - Potentially act as a mentor to communities moving forward
Next Step: National Roll-Out

- The High Water Mark Working group will update, enhance, and add tools based on pilot feedback.
- We will then open participation up nationwide, hopefully in time for National Preparedness Month in September.
- Announcements will be made to local officials through many vehicles, potentially including:
  - Outreach through CRS Program
  - Articles in trade association newsletters (e.g., NACo, U.S. Conference of Mayors)
  - Outreach through Federal agency contacts located throughout the country
Tools for Communities*

- Customizable “Know Your Line” sign and printing instructions
- Access to data to determine where signs should be placed
- Launch event ideas
- Customizable community outreach plan
- Pre-existing relationships with supporting organizations that can be engaged at the local level
- Website to house local flood information and “Know Your Line” events
  - In development
- Press materials to support launch
  - Release
  - Advisory
- Campaign “help desk” for feedback or assistance

*More to come based on pilot community feedback
Timeline

<table>
<thead>
<tr>
<th>FY 2012</th>
<th>FY 2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q2</td>
<td>Q1</td>
</tr>
<tr>
<td>J</td>
<td>O-D</td>
</tr>
<tr>
<td>F</td>
<td>Q2</td>
</tr>
<tr>
<td>M</td>
<td>Q3</td>
</tr>
<tr>
<td>A</td>
<td>Q4</td>
</tr>
<tr>
<td>M</td>
<td>Q1</td>
</tr>
<tr>
<td>J</td>
<td>Q2</td>
</tr>
<tr>
<td>J</td>
<td>Q3</td>
</tr>
<tr>
<td>A</td>
<td>Q4</td>
</tr>
<tr>
<td>S</td>
<td>J-S</td>
</tr>
</tbody>
</table>

**Partnership Building**
- Establish Working Group
- Establish Charter
- Build relationships with interested orgs
- Highlight participation within each organization

**Pilot Projects**
- Select Pilot Communities
- Pilot Coordination
- Final Pilot Plan
- Mid-Point Report
- Final Pilot Report

**Materials Development**
- Look and Feel Development
- Pilot Materials Development
- Pilot Toolkit
- Refine Materials with Pilot Feedback
- National Toolkit
- Refine Materials with National Feedback
For More Information

Please contact Vince Brown at

vincent.brown@fema.dhs.gov or 202.646.2725
Questions?