



Schuylkill County, Pennsylvania – 2013 Hazard Mitigation Plan Update  
Appendix A

# **APPENDIX A**

## **MEETING AGENDAS, NOTES, SIGN-IN SHEETS**

# SCHUYLKILL COUNTY PLANNING AND ZONING OFFICE

## GEOGRAPHIC INFORMATION SYSTEMS

### BOARD OF COMMISSIONERS

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### Severine Yeneshosky

*Administrative Secretary*  
Phone: 570.628.1415  
Email: syeneshosky@co.schuylkill.pa.us

March 19, 2012

Dear Prospective Steering Committee Members,

The Schuylkill County Planning and Zoning Office and Schuylkill County Emergency Management Agency are seeking your input and assistance in updating the County's Hazard Mitigation Plan. The current HMP was adopted in 2007 to increase the disaster resistance of Schuylkill County, so that residents, businesses, and communities will be less susceptible to future natural and technological events. We feel it is imperative that we form a Steering Committee to lead the effort and advocate for the Plan. In the wake of the devastating floods Schuylkill County experienced, it is critical that the HMP be updated as effectively and efficiently as possible. A diverse group of individuals comprising the steering committee will insure all areas of the county, both physical and organizational, will be addressed.

As a member of the HMP Steering Committee, the expectation is that you will attend meetings and actively participate in the process. Though we have not yet determined the number of meetings that will be necessary to complete the project, we will make every effort to utilize our time in the most productive manner. Your expertise relating to technical issues, as well as, local situations will drive this process and allow the committee to assist in delivering a plan that addresses current and minimizes future issues. The initial task of the steering committee will be to participate in the selection of a consultant to assist in the implementation of the HMP. The review of the proposals will be in the hands of the steering committee that will recommend three (3) candidates for further consideration. It is our hope to select a qualified consultant after oral presentations and discussion. The selected consultant and the steering committee will continue to work together to evaluate mitigation projects submitted by the municipalities.

Please consider participating in the Steering Committee with the assurance that we appreciate and value your time and efforts.

Very Truly Yours,

Jackie Pellish

# SCHUYLKILL COUNTY HAZARD MITIGATION PLAN UPDATE

## Kick-Off Meeting

April 25, 2012

- Introductions
- Remarks from Board of Commissioners
- Background on 2007 Schuylkill County Hazard Mitigation Plan
- 2012 Update Process
  - Work Schedule.
  - Consultant RFP.
  - Proposals we received.
  - Oral Presentations on **May 2**.
- Discussion

**Twitter:** Follow @SchCoPlanning

Kick-Off Meeting  
April 25, 2012

# **SCHUYLKILL COUNTY HAZARD MITIGATION PLAN UPDATE**

# *Schuylkill County Hazard Mitigation Plan 2007*

- **Federal Disaster Mitigation Act of 2000**
  - FEMA established criteria for the development of multi-jurisdiction Hazard Mitigation Plans
  - To be eligible to receive mitigation funding, local jurisdictions were required to adopt a Hazard Mitigation Plan

**Mission:**

*"Reduce the impact of natural and technological disasters upon Schuylkill County and its municipalities"*

# Schuylkill County Hazard Mitigation Plan

- *Sections*
  - 1: Introduction
  - 2: Plan Development
  - 3: County Profile
  - 4: Hazard Identification and Risk Assessment
  - 5: Capability Assessment
  - 6: Mitigation Strategy and Implementation
  - 7: Plan Maintenance

# Hazard Identification

- *What hazards could affect Schuylkill County*
- *Profile hazard events and determine what area and community assets are the most vulnerable to damage from these hazards*
- *Estimate losses and prioritize the potential risks to the County.*

Probability	Description
High	Events that occur more frequently than once in 10 years
Moderate	Once in 10 years to once in 100 years
Low	Once in 100 years- once in 1000 years
Very Low	Less than once in 1000 years

# Hazard Identification

- Between the years of 1966 and 2007:
  - 26 Gubernatorial Proclamations; 13 received a Presidential Declaration of Major Disaster
    - 6- Drought
    - 7- Flooding
    - 3- Hurricane/Tropical Storm
    - 3- Blizzards
    - 7- Severe Winter Weather

\*source- federal, state, local records and information from Schuylkill County EMA

# Hazard Identification

- Schuylkill County may be affected by:
  - Floods, Drought, Tornadoes, Winter Storms, Wildfires, Land/Mine Subsidence, Hurricanes and Windstorms, Hazard Materials Incidents, Transportation Related Incidents, Dam Failures

# Capability Assessment

- What is currently being done to reduce losses
- Identify the framework that *is in place or should be in place* for the implementation of new mitigation actions
  - Policy and Program Capabilities
  - Organizational Capabilities
  - Informational Capabilities
  - Technical and Technological Capabilities
  - Fiscal Capabilities

# Mitigation Strategies and Implementation

- According to the PEMA Hazard Mitigation Guide, there are 6 general approaches to reducing hazard risks:
  - **Preventive Measures**
  - **Property Protection Measures**
  - **Emergency Service Measures**
  - **Structural Projects**
  - **Natural Resource Protection**
  - **Public Information Programs**

# 2012 Hazard Mitigation Plan Update



Pine Grove,  
September 2011

**-\$2.1 million** in flood  
damage to public  
property

**-More than 230**  
residents registered for  
aid

**-Countywide, 787**  
residents registered for  
aid.

**-FEMA awarded**  
**\$1,896,907.47** to  
individuals for housing  
assistance and  
**\$171,304.21** for other  
uninsured flood  
damage



# FEMA Long Term Recovery

- Disaster Assistance Tropical Storm Lee
- As of April 7, 2012:
  - **Total Assistance:** \$4,216,855
  - **Housing:** \$2,060,893
  - **U.S. Small Business Administration Loans:** \$1,762,000
  - **Public Assistance:** \$179,000
  - **Other Needs:** \$214,499
  - **Registrants:** 805

# 2012 Plan Update

- **The County** intends to update *the Risk Assessment and Vulnerability Analysis*
- **The Consultant** will focus on the preparation of the *Mitigation Strategy and Actions* to address the hazards identified in the Risk Assessment and Vulnerability Analysis

# Steering Committee

- Identify Hazards.
- Develop Goals and Objectives.
- Work alongside the selected Consultant to promote the planning process and **encourage municipal participation.**
- Provide ideas, information, data, contacts, leads, existing plans and reports.
- Publicize the plan and promote the mitigation strategies which are a result of this plan.

# Consultant

- RFPs sent to 12 Consulting Firms on **March 21, 2012.**
- Deadline to receive proposals was **April 13, 2012.**
- 2 Proposals Received
  - **Michael Baker Jr., Inc. and Delta Development Group**
  - **URCD, Borton-Lawson Engineering and Vision Planning & Consulting, LLC**

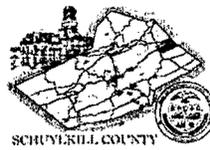
# Looking Ahead

- Presentations **May 2**
  - Time?
- Meeting between Consultant and Steering Committee
- Goal establishment



<b>Schuylkill County Planning and Zoning Sign – In Sheet</b>			Page	1	of	3
Location:	911 Center	Topic:	<b>Hazard Mitigation Steering Committee</b>			
Date:	May 2, 2012	Time:				

Name	Title	Email Address	Phone Number	Initials
Batdorf, Amy	Environmental Manager	<a href="mailto:abatdorf@scmawater.com">abatdorf@scmawater.com</a>	570-622-8240	
Best, Diane	Supr. Of Curriculum and School Improvement	<a href="mailto:bestd@w79.org">bestd@w79.org</a>	570-544-9131 ext. 1255	DRB
Blickley, John	Operation & Training Officer	<a href="mailto:jblickley@co.schuylkill.pa.us">jblickley@co.schuylkill.pa.us</a>	570-628-1038 622-3739	gmt
Bowen, Wayne	Township Supervisor	<a href="mailto:wbowenz@verizon.net">wbowenz@verizon.net</a>	570-292.2916	
Carl, Robert	Schuylkill Chamber of Commerce	<a href="mailto:rcarl@schuylkillchamber.com">rcarl@schuylkillchamber.com</a>	570-622-1942	
Evans, Daniel	Chairman Schuylkill County LEPC	<a href="mailto:deac1@ptd.net">deac1@ptd.net</a>	570-645-7701	
Graver, Scott		<a href="mailto:sgraver@schuylkill.pa.us">sgraver@schuylkill.pa.us</a>	570-385-2841	
Hinkel, Elizabeth	Conservation District Manager	<a href="mailto:ehinkle@co.schuylkill.pa.us">ehinkle@co.schuylkill.pa.us</a>	570-622-3742 ext. 117	EAI
Jones, Kay	Ex. Director VISION	<a href="mailto:kjones@schuylkillvision.com">kjones@schuylkillvision.com</a>	570-622-6097	
Labert, Mary				



<b>Schuylkill County Planning and Zoning Sign – In Sheet</b>		Page	<b>2</b>	of	<b>3</b>
Location:	<b>911 Center</b>	Topic:	<b>Hazard Mitigation Steering Committee</b>		
Date:	<b>May 2, 2012</b>	Time:			

<b>Name</b>	<b>Title</b>	<b>Email Address</b>	<b>Phone Number</b>	<b>Initials</b>
Lehman, Wayne	County Natural Resource Specialist	<a href="mailto:wlehman@co.schuylkill.pa.us">wlehman@co.schuylkill.pa.us</a>	570-622-3742 ext. 120	<i>W.L.</i>
Lonergan, Mike				
Madigan, Elinor				
Mahall, Lisa		<a href="mailto:lmahall@co.schuylkill.pa.us">lmahall@co.schuylkill.pa.us</a>	570-622-1213	
Malinchok, John	Planning	<a href="mailto:malincj@nationwide.com">malincj@nationwide.com</a>	570-590-2669	<i>JM</i>
Matz, John				
Northcraft, Chad	Fire Forester DCNR	<a href="mailto:cnorthcraf@pa.gov">cnorthcraf@pa.gov</a>	570-449-4129	<i>CCW</i>
Pellish, Jackie	Assistant Planner	<a href="mailto:jpellish@co.schuylkill.pa.us">jpellish@co.schuylkill.pa.us</a>	570-628-1421	<i>JP</i>
Prudenti, Anthony	Planning		570-386-8201	<i>AP</i>
Riotto, Kathy	Planning	<a href="mailto:cmfr@frontiernet.net">cmfr@frontiernet.net</a>		



## Steering Committee Meeting Notes

### Consultant Presentations (Baker/Delta and Vision/URDC)

May 2, 2012

- Baker's proposal of a Hazard Mitigation Plan **website** for Schuylkill County was overall the most popular and well-received idea by either team.
- Both firms were adamant about following up with municipalities to maximize participation through phone calls, e-mails, questionnaires, online surveys, etc.
- Baker illustrated the number of HMP Updates they have completed or have in progress while emphasizing their extensive work with PEMA. Baker was contracted to provide comprehensive hazard mitigation services to PEMA, including the Standard Operating Guide.
- Both teams have comparable experience with hazard mitigation.
- The striking difference between Baker and Vision in their projected cost of assisting municipalities in development of mitigation actions was cause for question: \$7,630.40 and \$20,000 respectfully. After contacting Vision, this is how the \$20,000 is broken down:
  - 2 Municipal Strategy Workshops (meeting prep, coordination with municipalities, facilitation of workshop, compiling comments and maps) - **\$7,500**
  - Development of integrated mitigation actions - **\$2,500**
  - Development of additional actions for new and existing buildings, etc. - **\$1,500**
  - Implementation Plan - **\$6,500**
  - Continued Compliance with NFIP - **\$2,000**
- Vision passed around detailed municipal participation tables from Wyoming County which were compilations of municipal questionnaires. The amount of data collected through these questionnaires was impressive. Wyoming County had a 100% municipal participation rate. Also passed around were a Flood Mitigation Plan from Dorchester County, MD and a Hazard Mitigation Plan from Armstrong County, MD.
- There is a difference in the staff person responsible for the Capability Assessment with each team: Kyle Overly (Delta) has an Emergency Management background, whereas Charlie Schmehl (URDC) has a Planning background. This should not affect the overall outcome, rather the approach would be slightly different.
- Charlie Schmehl is very familiar with Schuylkill County, specifically dealing with the municipalities having completed the County's Zoning Ordinance update in 2010.

- In Baker's proposal, they suggested that the municipalities bring their engineer along to the Mitigation Workshops. After being questioned by the Steering Committee, they agreed that a public works official or road master would be sufficient to address feasibility and prepare a general cost estimate. The cost estimates are meant to be a "rough guess." The focus is on the project areas.
- Vision seemed to favor the municipal engineers spend at least one hour with the consultant. It is unclear at this time if Charlie Schmehl's previous experience in Schuylkill County could possibly deter the engineering costs in a matter of good faith.
- Vision did a better job at communicating and illustrating how they would incorporate the HMP into daily planning activities and other County plans.
- Baker had a better quality in terms of their capability assessment and mitigation strategy.
- Both teams are fully capable of devoting the necessary time to complete the update and are confident in their available staff; a 6-8 month time frame for completion was preferable for both teams.
- It was generally agreed upon by those who attended the presentations that the ideal situation would be to have a hybrid of both teams work on the HMP Update. However, we are not sure what our legal capacity is to do that, or if the teams would agree to it.

### **Reference Checks**

- After speaking with Dave Carlson, Delaware State Hazard Mitigation Officer about Vision's work on the City of Wilmington and 3 County HMP Updates he was overall very pleased. Their initial costs did not change. One thing to mention is the lack of participation in these areas due to the lack of recent hazards at the time of the updates.
- Gene Dziak, State Hazard Mitigation Officer, Wyoming County EMA referred to Vision as being "aggressive" with getting the municipalities to participate, which is a quality he believes, is leading them to a very strong Hazard Mitigation Plan.
- Judy Borger, Planning Director from Carbon County strongly recommended Baker after they completed their County's HMP from start to finish. The process went very smooth and the consultants were available at any time.

If you have any additional comments you would like to add, please submit them back to me.

Thank you,

Jackie Pellish

## August 8, 2012 Meeting Notes

Present: Jackie Pellish, Susan Smith, John Matz, John Blickley, Deepa Srinivasan, Charlie Schmehl, Steve Boone.

During the meeting the following items were discussed:

- Steering Committee selection. A list of the Steering Committee members will be sent to Deepa. Her team would like to meet with the Steering Committee twice, in late October or early November and in December.
- Timeline for work to be done. A good deal of time was spent discussing the Hazard Identification and Risk Assessment portion on the HMP. Steve Boone will primarily be working on this section. We discussed current hazards (as mentioned in the 2007 Plan) and any new threats. Mine subsidence was brought up and the team may wish to meet with DEP in the near future. Crop damage was also mentioned as being added under "Drought" or isolating Agriculture Damage/Loss in the Hazard Identification Section of the HMP.
- Risks are the same; it is a matter of identifying between 2006 and today. The 2010 Standard Operations Guide is what we will follow for the Risk Assessment.
- The Planning Process for the HMP Update will rely heavily on the 2007 Plan and will look at what was done, what needs to be done and why some things were not done.
- The one aspect of the plan that does need to start from scratch is Participation. Charlie Schmehl will be the lead on reaching out to the municipalities.
- An e-mail will be sent out to the municipalities introducing the consultant and the team, and will then be followed up by an e-mail from Deepa discussing the commitment needed from each of them.
- A Municipal Workshop will be held at the end of September. There will be two sessions (2 hours long) so that different schedules will be accommodated. The workshop is the crux of the plan. The workshop is meant for the municipal officials to identify specific hazards in their jurisdiction, which they will do by marking up large maps, and the risks associated with each.
- A Capability Questionnaire/Survey will be available via SurveyMonkey for the municipalities to fill out prior to the mitigation workshop.

Dear Municipal Officials,

To follow up on my initial email regarding the update to the Schuylkill County Hazard Mitigation Plan. The first HMP was adopted in 2007 as a cooperative partnership between the Schuylkill County departments of Emergency Management, Real Estate/Engineering and the Planning Commission and is required to be updated by FEMA every 5 years. The goal of hazard mitigation planning is to increase the disaster resistance of a community, so that residents, businesses, and communities will be less susceptible to future exposures during natural and technological events. The mission of our County's HMP is "Reduce the impact of natural and technological disasters upon Schuylkill County and its municipalities."

A key component to reducing future losses is to have a clear understanding of what the current hazards are, and what steps or strategies may be employed to lessen them. This is why it is crucial that we have every municipality in Schuylkill County actively participating. After the devastating floods last year, we need our updated HMP to be effective and efficient. To assist in the plan update, we have entered into a contract with a team lead by Vision Planning and Consulting LLC, who are highly experienced in hazard mitigation planning. The Hazard Mitigation Plan should not be confused with the Emergency Operations Plan, which is updated by the EMA office and adopted by all municipalities bi-annually. The Hazard Mitigation Plan will be adopted by municipal resolution as a separate plan.

What we expect from the municipalities:

- Have a municipal representative attend the **Hazard Mitigation Workshop on September 26**. It is recommended that it be an official who understands and is knowledgeable on the hazards affecting their municipality, primarily flooding, so as to be able to label specific areas on a map. This representative can be an elected official, local emergency management coordinator, or contracted engineer.
- **Complete a Capabilities Survey** prior to the September 26 date that can be found on the County's website <http://www.co.schuylkill.pa.us> labeled "...". The answers provided in this survey will guide the consultant during the workshop and in the preparation of the updated HMP. If you cannot attend, please complete the Capabilities Survey.

Again, it should be stressed that all municipalities must participate in the mitigation planning efforts, in order to be eligible for pre- or post-disaster mitigation funding.

The workshop will be held from **3 p.m.- 5 p.m. and 6 p.m.-8 p.m.** at the Schuylkill Haven Recreation Center, 340 Haven Street, Schuylkill Haven PA 17972. RSVP to [jpellish@co.schuylkill.pa.us](mailto:jpellish@co.schuylkill.pa.us) by **Friday, September 14, with the representative from your municipality, and the afternoon or evening session.**

# SCHUYLKILL COUNTY PLANNING AND ZONING OFFICE

## GEOGRAPHIC INFORMATION SYSTEMS

### BOARD OF COMMISSIONERS

FRANK J. STAUDENMEIER, Commissioner Chair  
GEORGE F. HALCOVAGE JR., Commissioner  
GARY J. HESS, Commissioner

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### Severine Yeneshosky

*Administrative Secretary*  
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E-mail: syeneshosky@co.schuylkill.pa.us

TO: Schuylkill County Municipalities

FROM: Jacqueline Pellish, Assistant Planner

DATE: 8/22/2012

SUBJECT: **Hazard Mitigation Update**

Schuylkill County is updating its 2007 Hazard Mitigation Plan with the assistance of a consultant team comprising Vision Planning and Consulting, Borton-Lawson Engineering, and Urban Research and Development Corporation.

The current Hazard Mitigation Plan was developed in compliance with the Disaster Mitigation Act of 2000 (DMA 2000). DMA 2000 requires all municipalities to develop and adopt the Hazard Mitigation Plan in order to be eligible for post-disaster mitigation grant funding via the Hazard Mitigation Grant Program (HMGP). Municipalities must have an approved plan in place to be eligible for future Pre-Disaster Mitigation (PDM) grant program funding.

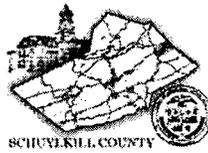
All municipalities in Schuylkill County are invited to participate in this planning effort. If your municipality chooses to participate in the Hazard Mitigation Plan, DMA 2000 requires that the municipality perform the following tasks:

- Provide input to the risk and vulnerability assessments
- Complete the mitigation questionnaire
- Attend municipal workshop
- Review draft plan
- Formally adopt the final plan

Over the next several weeks, you will be contacted by the county planning commission staff and asked to complete a survey with information that is critical in developing a plan that will serve all residents within the county. A municipal workshop will be held on **Wednesday, September 26 from 3 p.m. - 5 p.m. and 6 p.m. - 8 p.m. in the gymnasium of the Schuylkill Haven Recreation Center.** We strongly recommend that each municipality have an official present at either workshop.

**Your participation is key to the success of the planning process. It is essential that municipalities with land use authority understand that if they do not participate in the mitigation planning efforts, they must develop their own mitigation plan for their municipality in order to be eligible for pre- or post-disaster mitigation funding.**

If you have any questions regarding any of the above information, please contact me.



Schuylkill County Planning and Zoning Sign – In Sheet		Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop
Date:	September 26, 2012	Time:	3pm

Name of Township / Borough	Representative / Title	Email Address	Phone Number
EAST NORWICH TWP MIKE DEVLIN	<sup>Martin</sup> EMA <sup>SWAN</sup>	M5744@PTD.NET	570-537-0626
SCH HAVEN BOROUGH PAUL MARTIN	MAYOR	DEVLIN15@VERIZON.NET	570 385 1918
WEST MANHEWY TWP Brad Carl	SUPERVISOR		
Hegins Twp	Supervisor	kdietch1766@comcast.net	570-916-8589
Craig Coleman Hegins Twp	Road Foreman	Hegins Twp@comcast.net	570-682-9133
PAUL L SNYDER GORDON BOROUGH	MANAGER	N/A	570 875 4909
JOHN KELLMAN JR CLASS TWP	EMC	JK577@VERIZON.NET	570-527-4954
Rock Pvc... Roland Price	BOB SORRE	ROVICK@PTD.NET	527-6612
RICHARD ZOLA	FOSTER TWP SUPERVISOR CHAIR		
Jeremy Fable	Road Foreman	<del>Wpt</del> wpt109dcrw@hotmail.com	570-386-2453



SCHUYLKILL COUNTY

Schuylkill County Planning and Zoning Sign – In Sheet		Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop
Date:	September 26, 2012	Time:	3pm

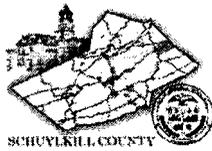
Name of Township / Borough	Representative / Title	Email Address	Phone Number
BATA	Bill Andes	BIIIA@LEHITHEENGINEER.COM	570 628-2300
BLYTHE	Bill Andes	BIIIA@LEHITHEENGINEER.COM	570 628-2300
Pont Carbon	Jendra Palokas Secretary/Treas	ptreas@wtvaccess.com	570 622 2255
N. Union Twp	Klaire Thompson Sec/Treas/Supervisor	nutwpsup@gmail.com	570 384 3611
West Brunswick TWP	supervisor	westbrunswickTWP@verizon.net	570 366.0321
Rush, Ryan, DELNO, EAST UNION, TRENTON & NEW PHILA. BORO	Project Manager WILLIAM McMULLEN	bill.mcmullen@theARCOgroup.com	570-366-9534
BARRY TWP & HUBLEY TWP	ENGINEER Dave Miller	dmiller@benesch.com	570-624-4299
Sch. Haven	Scott Grauer Administrator		385-2841
CITY OF ROTTSVILLE	Jack Hoffman EMA COORDINATOR	JHOFFMAN@3RCAST.NET	570-628-2972





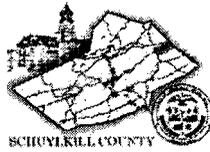
Schuylkill County Planning and Zoning Sign - In Sheet		Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop
Date:	September 26, 2012	Time:	3pm

Name of Township / Borough	Representative / Title	Email Address	Phone Number
Gilberton Boro	Dan mally Council President	DAVID1954@YAHOO.COM	570-874-0504
Reilly TWP	PUBLIC WORKS	reillyTWP@YAHOO.COM	570 751-2045
Berndt TWP	" "	BTSUP@COMCAST.NET	570-544-4283
Pine Grove Twp	Diane Tobin Supervisor	tobin.pgt@gmail.com	570-345-4202
West Penn Twp	Dennis Fritzing EMC	df3702@ptd.net	570-527-7011
DEER LAKE BORO	TYLENNENWEBER ENGINEER	tyl@lehighengineer.com	570-628-2300
ALTO ALTO BORO	TYLENNENWEBER ENGINEER	tyl@lehighengineer.com	570-628-2300
MIDDLEPORT <sup>Bill Kanders</sup>	TYLENNENWEBER ENGINEER	tyl@lehighengineer.com	570-628-2300
Jeff Herring <sup>Markum</sup>	Road Master		570-754-7375
CLAIR BORO	Brewer Engineer	bbaldwin@benesch.com	570-624-4280



Schuylkill County Planning and Zoning Sign - In Sheet		Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop
Date:	September 26, 2012	Time:	3pm

Name of Township / Borough	Representative / Title	Email Address	Phone Number
TREMONT	Pryce Parker Eme	WPP3@EPIX.NET	570-695-3749
TREMONT BORO	COUNCIL PRES Bob Donmayer	BobbyD1@FRONTIER.NET.NET	570-695-3213
Port Carbon	Council Andy Pitlorkas	Mindy P at yahoo.com	570-672-6602
Ac BURN	COUNCIL Richard A K.		570-754-7461
McAdoo	Deans Kinneci Secretary	DMINNECI@PTD.NET	570-929-1182
McAdoo	Mary Labet Council	mlabet@verizon.net	570-929-3658
WEST BRUNSWICK TWP	Jim chairman Board of Turner supervisor	WESTBRUNSWICKTWP@ VERIZON.NET	570-366-0321
Port Carbon	Jim Towill Borough Engineer	jtowill@benesch.com	570-624-4282
Walter Twp	Chad Felty Roadmaster	Felty.waltertwp@yahoo.com	570-640-6007
Orwigsburg	Mike Lonergan Mgn.	orwigsburg@comcast.net	570-366-3103



Schuylkill County Planning and Zoning Sign – In Sheet			Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop	
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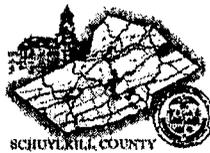
Name of Township / Borough	Representative / Title	Email Address	Phone Number
Cass Twp	Jotac Walaites SUPERVISOR	JWALAITES@VERIZON.NET	484-332-3317
Upper Mahantongo Twp.	Rebecca Kline Klingenstein Long Term Flood Recovery (Sec.)	rkline@linemountain.com	(570) 682-8292
FRACKVILLE BOROUGH	FRACKVILLE EMA STEPHEN BARRETT	frackvilleema@hotmail.com	570-872-3358
Kline Twp	Kline Twp Ema Gampuna	Kline DPW @ PTD.NET	570-926-5495
Kline Twp	Carmen CARA SUPERVISOR	Kline DPW @ PTD.NET	570-928-2195
much. Boro	BOB WOMER PRES.		570-628-5415
Tower City	Dan Daub Mayor	Mayor Dan Daub@Yahoo.com	570-640-7569
Porter Township	Joff Daub	_____	717-647-4019



Schuylkill County Planning and Zoning Sign - In Sheet		Page	of
Location:	Schuylkill Haven Recreation Center	Topic:	Hazard Mitigation Workshop
Date:	September 26, 2012	Time:	6:00

Name of Township / Borough	Representative / Title	Email Address	Phone Number
Schuylkill Haven Boro	Zoning - Code Adm. W.	M.paulin @ Schuylkillhaven.org	570-385-2841
RYAN TWP	JOE Kufroviak EMA	blackiek@frontier.com	570-527-3661
UNION TWP	Dorell A. LADEMAN EMA	DLADEMAN @ SHen HGTS.net	570-590-6448
UNION TWP	MARK Blochowicz EMA	MARKB @ Shen HGts.net	570 985 8842
Cass Twp	Daniel Cook	DCOOK @ Benesch.com	570-622-4055
Foster Twp	Daniel Cook	DCOOK @ Benesch.com	570-622-4055
Mingtown Borough	Borough Fireman Scott Schuchman Fire	SSwaterman18@aolmail.com	(570) 889-3095
Risingtown Borough	John Warilewski	Jfuzzy65 at yahoo.com	(570) 889-3855
North Manheim Twp	Steve Moyer / Engineer	S.moyer @ sdei.net	(610) 916-8500
Cressona Boro	Council Lwb Boro Barr	MJEANBI @ verizon.net	570-385-2933 Boro Hall





<b>Schuylkill County Planning and Zoning Sign - In Sheet</b>		Page	of
Location:	<b>Schuylkill Haven Recreation Center</b>	Topic:	<b>Hazard Mitigation Workshop</b>
Date:	<b>September 26, 2012</b>	Time:	

Name of Township / Borough	Representative / Title	Email Address	Phone Number
NEW BRIDGE OLD EAST BRUNSWICK TWP	EMC John Heim	heimsfam@verizon.net	570-573-1619
Stremont Twp. Geo. Kauffman	EMC		570-915-6242
TRUMBULL COALDALE BOROUGH	ST. FOREMAN	COALDALE@PTD.NET	570-645-6310
WAYNE TWP.	EMC Paul Mayer	P2mayerent@verizon.net	570-739-4476
GIRARDVILLE BOROUGH	EMC Brian Kimmel Heath Bissler	aspen0406@yahoo.com	570-276-1098
GIRARDVILLE BOROUGH	DEPUTY EMC	HLR1@PTD.NET	570-276-1282
Pine Grove Borough	Council/EMC	tony.gurski@gmail.com	570-640-2798
Pine Grove Borough	Council	scott@scottzimmerman.com	570-640-7551
Eldred	EMC Matthew Belding	mbelding@pa.gov	570-644-0886

# 2013 All-Hazards Mitigation Plan Update Schuylkill County, PA

Municipal Workshop  
26 September 2012

Presented by:  
*Deepa Srinivasan, Vision Planning and Consulting, LLC*

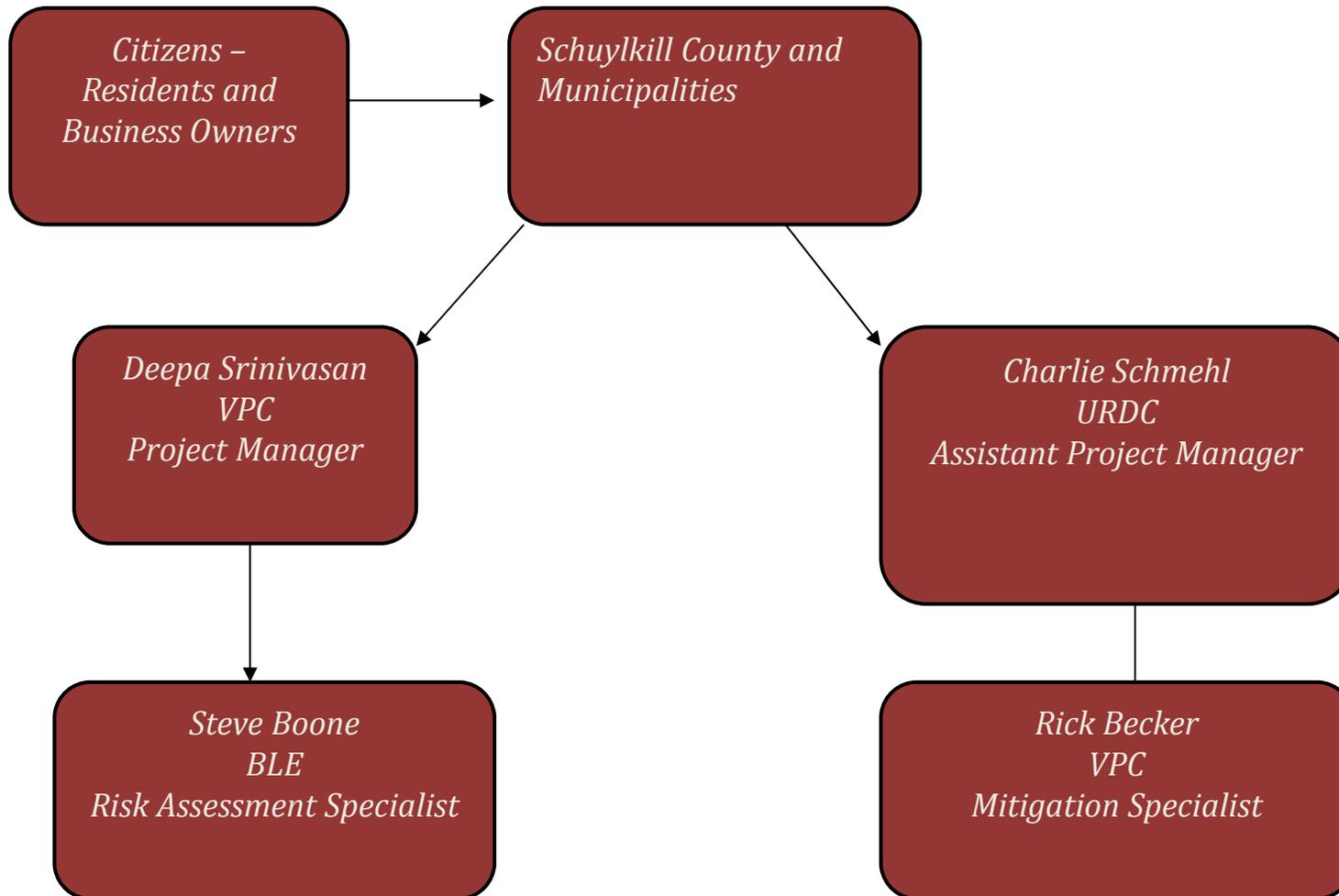
# Project Purpose

*To update the all-hazards mitigation plan to improve Schuylkill County's resistance to natural hazards by identifying actions to reduce the impact of various hazards to municipal residents and structures.*

# Key Players

- Schuylkill County Staff
- Hazard Mitigation Plan Steering Committee
- Municipalities
- Consultants
  - Deepa Srinivasan, President, Vision Planning & Consulting
  - Charlie Schmehl, URDC
  - Steve Boone, Borton Lawson Inc.
- Public
- Pennsylvania Emergency Management Agency (PEMA)
- Federal Emergency Management Agency (FEMA)

# Project Organization



# Steps in the Planning Process

1. Organize steering committee and process (meetings)
2. Assess hazards, risks, vulnerability
3. Assess local capabilities (questionnaire)
  - Existing Plans, Programs, Policies
  - Personnel and Equipment Resources
  - Local Codes and Zoning Ordinances
  - Current and Proposed Construction Projects

# Steps in the Planning Process (cont'd)

4. Develop goals and objectives and mitigation actions
  - Prevention
  - Property Protection
  - Public education and Awareness
  - Natural Resource Protection
  - Emergency Services
  - Structural Projects
5. Write mitigation plan and prioritize projects (using Evaluation Criteria)
  - Social
  - Technical
  - Administrative
  - Political
  - Legal
  - Economic
  - Environmental

# Steps in the Planning Process (cont'd)

6. Develop implementation plan
  - Priorities for Mitigation Actions
    - Short-, Medium-, or Long-Range
    - Potential Funding Sources
    - Responsible Entities
    - Target Completion Dates
  - Five-Year Plan Maintenance Cycle

# Meetings

- 2 Steering Committee Meetings

Meeting 1:

- Planning process, schedule, deliverables, capability assessment
- Hazard identification, risk assessment

Meeting 2:

- Goals and objectives, mitigation actions, prioritization
- Implementation strategy

- Municipal Meeting

- Planning process, hazard identification, risk assessment, capability assessment
- Mitigation actions, implementation strategy

# Meetings

- Two Public Meetings
  - Planning process
  - Present goals for mitigation of various hazards
  - Present options for mitigation actions and projects
  - Review proposed prioritization criteria for mitigation projects

# Summary of Hazards

## 2007 Hazard Mitigation Plan

- Floods
- Drought
- Tornadoes
- Winter Storms
- Wildfires
- Land/Mine Subsidence
- Hurricanes and windstorms
- Hazardous Materials Incidents
- Transportation Related Incidents
- Dam Failures

# Schuylkill County Departments

- Economic Development
- Emergency Management Agency
- Highway Safety
- Mapping
- Planning and Zoning
- Public Works
- Real Estate/Engineering
- Schuylkill Transportation System
- Solid Waste and Resource Management

# Capability Assessment – Document Review

- Comprehensive Plan and Open Space and Greenway Plan (2006)
- County Hazard Mitigation Plan (2007)
- Uniform Construction Code
- Water Supply Study (2002)
- Floodplain Management Ordinance
- Zoning Ordinance
- Subdivision Regulations
- Act 167 Stormwater Management Ordinance
- Sediment/erosion control ordinance
- County Emergency Operations Plan
- County CIP

# Capability Assessment

## County/Municipal Capabilities

- Organizational
- Informational
- Technical/Technological
- Fiscal
- Staffing
- Emergency Management

# Capability Assessment - Municipal Questionnaire

- Critical facilities in high hazard areas
- Critical facilities damaged from past hazards
- Buildings in floodplain, flood insurance policies
- Existing plans and ordinances
- Specific policies on: freeboard, cluster development incentives, critical facilities protection, floodplain fill restrictions, development restrictions
- Completed and proposed mitigation projects
- Staffing capabilities
- Emergency services
- Training

# Schedule

Task	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8
Attend Kickoff Meeting	●							
Review 2007 Plan	■	■						
Identify Goals and Objectives		■						
Engage the Public		●	■	■				
Assist Municipalities in Developing Mitigation Actions			●	■	■			
Prioritize Mitigation Actions				■	■			
Assess Capabilities	■	■	■					
Produce Deliverables					■	■		
Address Review Agency Comments							■	■

Kickoff meeting



Public meetings and municipal meetings



Start date will coincide with contract execution

**Note: This schedule may change after discussing timeline with client at the kickoff meeting.**

**Note: While some task may begin after award of contract, others will commence after considerable completion of the Hazard Identification and Risk Assessment section of the County.**

KIK3

Fit Schedule to Dorchester

Karla, 9/15/2008

# Next Steps

- Hazard Identification and Risk Assessment
- Review of Plans and Ordinances
- Mitigation Capability Assessment
- Steering Committee Meeting #1 (1 November 2012)
- Public Meeting #1 (tbd)



**Thank You!**

# **SCHUYLKILL COUNTY HAZARD MITIGATION PLAN UPDATE**

## STEERING COMMITTEE MEETING

OCTOBER 11, 2012

- Why do we need Hazard Mitigation? [YouTube video *Hazard Mitigation & How It Can Help You*]
- Municipal Workshop
- HIRA and Capabilities Assessment
  - Municipal Questionnaire
  - Next Meeting with Consulting Team
- Goals
  - Review 2007 Goals
  - Establish new Goals

**NEXT STEERING COMMITTEE MEETING: NOVEMBER 8, 2012 AT 3:00 P.M.**

## **DRAFT Goals for Updated Hazard Mitigation Plan**

- Create an organizational structure for accountability to follow through with maintenance of the plan.
- Maintain a sense of regional accountability, whereas, a hazard in one municipality may affect another.
- Promote actions that support economic development and public/private partnerships within Schuylkill County.
- Encourage municipalities, through education, to promote public awareness of current and/or potential hazards within their community.
- Strengthen land use and zoning ordinances regarding floodplain regulation.
- Identify resources within each municipality.
- Foster awareness of specific hazards in an area prior to future development.

## **Schuylkill County Hazard Mitigation Plan Update**

### **Steering Committee Meeting**

**December 4, 2012, 12:00 p.m.**

- Introductions
  
- Municipal Participation (Deepa)
  - 2007 Mitigation Actions
  - 2012 Problem Areas
  
- Goals (Steering Committee)
  - Review draft goals
  - Finalize and approve updated goals

# SCHUYLKILL COUNTY PLANNING AND ZONING OFFICE

## GEOGRAPHIC INFORMATION SYSTEMS

### BOARD OF COMMISSIONERS

FRANK J. STAUDENMEIER, Commissioner Chair  
GEORGE F. HALCOVAGE JR., Commissioner  
GARY J. HESS, Commissioner

Office Phone: 570.628.1415  
Office Fax: 570.628.1005

COURTHOUSE  
401 NORTH SECOND STREET  
POTTSVILLE, PA 17901-2528



**Susan A. Smith**  
*Director of Planning and GIS*  
Phone: 570.628.1038  
E-mail: ssmith@co.schuylkill.pa.us

**Jacqueline Pellish**  
*Assistant Planner*  
Phone: 570.628.1421  
E-Mail: jpellish@co.schuylkill.pa.us

**Severine Yeneskosky**  
*Administrative Secretary*  
Phone: 570.628.1415  
E-mail: syeneskosky@co.schuylkill.pa.us

TO: Municipal Officials

FROM: Jackie Pellish, Assistant Planner

SUBJECT: Schuylkill County Hazard Mitigation Plan Update Public Meeting

Enclosed you will find posters advertising a public meeting to review the County's updated Hazard Mitigation Plan. Please display the posters in prominent locations within your community. The meeting will be held on **April 2, 2013** from 6 p.m. - 8 p.m. Municipal officials are invited to attend an earlier session from **3 p.m. - 5 p.m.** to review and comment on the draft Plan.

Adoption of this plan by the Schuylkill County Board of Commissioners will be scheduled shortly after the April 2 meetings. At that time, each municipality will receive a resolution to adopt the Hazard Mitigation Plan.

Should you have any questions, please do not hesitate to contact me at 570-628-1421 or by email at [jpellish@co.schuylkill.pa.us](mailto:jpellish@co.schuylkill.pa.us).

Thank you.

**Press Release for Open House/Public Meeting**

**Schuylkill County Hazard Mitigation Plan Update**

*Become educated and better prepared to deal with your community's hazards.*

**Date: 2 April 2013**

**Time: 6-8pm**

**Location: Schuylkill Haven Community Center**

The Schuylkill County Emergency Management Agency and Planning and Zoning Department are holding a public meeting on April 2, 2013 to present the update of the All Hazards Mitigation Plan and to solicit public input. The meeting will be held at the Schuylkill Haven Community Center, 340 Haven Street, Schuylkill Haven. Residents throughout the County are invited to attend. At this meeting, the updated hazards, risks, and mitigation actions will be presented. Residents who have an interest in properties located in hazard-prone areas, or those who would be affected by potential regulatory changes are encouraged to attend.

**Lead Organization for the All Hazards Mitigation Plan Update:**

Schuylkill County Planning and Zoning Department and Schuylkill County Emergency Management Agency

**Point of Contact:**

Jackie Pellish, Assistant Planner  
Schuylkill County Planning and Zoning  
jpellish@co.schuylkill.pa.us  
(570) 628 1421

Schuylkill County  
ALL HAZARDS MITIGATION PLAN UPDATE

Steering Committee Meeting #4

2 April 2013

Noon-2pm

AGENDA

Hazard Identification and Risk Assessment

- Summary (Susan Smith)

County Mitigation Actions

- Discussion
- Review/comments by Committee

Municipal Mitigation Actions

- Summary (Deepa Srinivasan)

Prioritization of County Actions

- Review of prioritization criteria
- Project prioritization

Overview of Draft Plan

Wrap-up

- Next steps
- Discussion of Public Meetings
- Questions

Adjournment

## Prioritization Criteria

### *Social Considerations – Life/Safety Impact*

- Will the project have minimal/direct/or significant impact on the safety of businesses, residents, and properties?
- Will the proposed action adversely affect one segment of the population?
- Will the project be a proactive measure to reducing flood risk?

### *Administrative Considerations – Administrative/Technical Assistance*

- Is there sufficient staff currently to implement the project?
- Is training required for the staff to implement this project?

### *Economic Considerations – Project Cost*

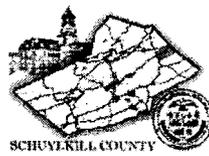
- What is the approximate cost of the project?

### **Evaluation Criteria for Project Prioritization**

Criteria	Points	High	Points	Medium	Points	Low
<b>Life/ Safety Impact</b>	<b>10</b>	Significant impact on public safety for businesses, residents, properties	6	Direct impact on businesses, residents, properties	2	Minimal/negligible impact on businesses, residents, properties
<b>Administrative/ Tech Assistance</b>	<b>5</b>	No additional staff or technical support needed to implement action	3	Some administrative and technical support needed to implement action	1	Significant administrative and technical support needed to implement action
<b>Project Cost</b>	<b>5</b>	Low cost (<\$25,000)	3	Moderate cost (\$25,000-\$100,000)	1	High cost to implement (>\$100,000)

### **Timelines:**

- Short range projects – implemented within first 2 years;
- Medium range projects - 3 to 5 years; and
- Long range projects – over 5 years.



<b>Schuylkill County Planning and Zoning Sign – In Sheet</b>		Page	1	of	3
Location:	<b>Schuylkill Haven Rec Center</b>	Topic:	<b>Hazard Mitigation Steering Committee</b>		
Date:	<b>April 2, 2013</b>	Time:	<b>12 p.m.</b>		

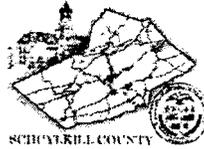
<b>Name</b>	<b>Title</b>	<b>Email Address</b>	<b>Phone Number</b>	<b>Initials</b>
Batdorf, Amy	Environmental Manager	<a href="mailto:abatdorf@scmawater.com">abatdorf@scmawater.com</a>	570-622-8240	ASB
Best, Diane	Supr. Of Curriculum and School Improvement	<a href="mailto:bestd@ivz9.org">bestd@ivz9.org</a>	570-544-9131 ext. 1255	
Blickley, John	Operation & Training Officer	<a href="mailto:jblickley@co.schuylkill.pa.us">jblickley@co.schuylkill.pa.us</a>	570-628-1038	
Bowen, Wayne	Township Supervisor	<a href="mailto:wbowenz@verizon.net">wbowenz@verizon.net</a>	570-292.2916	
Carl, Robert	Schuylkill Chamber of Commerce	<a href="mailto:rcarl@schuylkillchamber.com">rcarl@schuylkillchamber.com</a>	570-622-1942	RSC
Evans, Daniel	Chairman Schuylkill County LEPC	<a href="mailto:deac1@ptd.net">deac1@ptd.net</a>	570-645-7701	
Graver, Scott	Sch. Haven Borough	<a href="mailto:sgraver@schuylkill.pa.us">sgraver@schuylkill.pa.us</a>	570-385-2841	
Hinkel, Elizabeth	Conservation District Manager	<a href="mailto:ehinkle@co.schuylkill.pa.us">ehinkle@co.schuylkill.pa.us</a>	570-622-3742 ext. 117	
Jones, Kay	Ex. Director VISION	<a href="mailto:kjones@schuylkillvision.com">kjones@schuylkillvision.com</a>	570-622-6097	
Labert, Mary				



<b>Schuylkill County Planning and Zoning Sign – In Sheet</b>		Page	<b>2</b>	of	<b>3</b>
Location:	<b>Schuylkill Haven Rec Center</b>	Topic:	<b>Hazard Mitigation Steering Committee</b>		
Date:	<b>April 2, 2013</b>	Time:	<b>12 p.m.</b>		

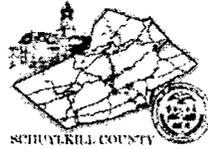
<b>Name</b>	<b>Title</b>	<b>Email Address</b>	<b>Phone Number</b>	<b>Initials</b>
Lehman, Wayne	County Natural Resource Specialist	<a href="mailto:wlehman@co.schuylkill.pa.us">wlehman@co.schuylkill.pa.us</a>	570-622-3742 ext. 120	
Lonergan, Mike	Orwigsburg Borough			<i>ML</i>
Madigan, Elinor				
Mahall, Lisa	Engineer	<a href="mailto:lmahall@co.schuylkill.pa.us">lmahall@co.schuylkill.pa.us</a>	570-622-1213	<i>LMH</i>
Malinchok, John	Planning	<a href="mailto:malinci@nationwide.com">malinci@nationwide.com</a>	570-590-2669	
Matz, John	Director, EMA			<i>JM</i>
Northcraft, Chad	Fire Forester DCNR	<a href="mailto:cnorthcraf@pa.gov">cnorthcraf@pa.gov</a>	570-449-4129	
Pellish, Jackie	Assistant Planner	<a href="mailto:jpellish@co.schuylkill.pa.us">jpellish@co.schuylkill.pa.us</a>	570-628-1421	<i>JP</i>
Prudenti, Anthony	Planning		570-386-8201	<i>ASP</i>
Riotto, Cathy		<a href="mailto:cmfr@frontiernet.net">cmfr@frontiernet.net</a>		





<b>Schuylkill County Planning and Zoning Sign - In Sheet</b>		Page	1	of	
Location:	<b>Schuylkill Haven Rec Center</b>	Topic:	<b>Hazard Mitigation Public Meeting</b>		
Date:	<b>April 2, 2013</b>	Time:	<b>3 p.m.</b>		

Name	Title/Municipality	Email Address	Phone Number	Initials
JIM TURNER	CHAIRMAN BOARD of SUPERVISORS	WESTBRUNSWICKTWP@VERIZON.NET	570 366 0324	JST
FRANK JACKOWIAK	Emergency management Gilberton Boro	fjackowiak@hotmail.com	570 874-2224	FJ
BRUCE SCHNECK	council - Tower Mt	160FISHING@COMCAST.NET	717 647 4362	BS
Harold Reiner	council TOWER City Boro		647-9306	H.R.
GLENN EVERETT	BCO - UNION TWP Millsport BORO	glenn@lehigengineering.com	628-2300	GE
Dianne Thompson	N. Union Twp	nutwpsup@gmail.com	384-3611	DT
Dennis Fritzingel Jr	West Penn Twp EMC	df3702@ptd.net	570-527-7011	DF
Jenny Frable	West Penn Twp	wptrosdcraw@hotmail.com	570-386-2453	J.F.
BRIAN BALDWIN	St CLAIR BOROUGH	bbaldwin@benesch.com	570-624-4280	BB
JIM TOHIL	Port Carbon Borough	jtohil@benesch.com	570-624-4282	JST



Schuylkill County Planning and Zoning Sign – In Sheet		Page	1	of	
Location:	Schuylkill Haven Rec Center	Topic:	Hazard Mitigation Public Meeting		
Date:	April 2, 2013	Time:	3 p.m.		

Name	Title/Municipality	Email Address	Phone Number	Initials
Daniel Cook	Cass Twp	dcook@benesch.com	570-624-4287	DC
Ned Noecker	West Brunswick Twp	westbrunswickTWP@verizon.net	570-366-0321	WEN
DARREN LADEMAN	UNION TWP	DLADEMAN@SHENHGT.S.NET	570-590-6448	DAL
STEPHEN BARRETT	FRACKVILLE	frackville@na@hotmail.com	570-872-3358	SRB
HEATH RESSLER	GIRARDVILLE	HLR1@PTD.NET	570-276-1282	HLR
Tony Gurski	Pine Grove Borough	tony.gurski@gmail.com	570-640-2798	WJ
Kevin Steigerwalt	Tamagua Borough	ksteigerwalt@verizon.net	570-668-3444	KAS
DANIEL J. D'ARCO	SOUTH MANTON TWP.	SMEMC@gmail.com	(310) 890-2540	DD
Johas Walantys	CASS TWP	JWALANTYS@verizon.net	484 332 3317	JW
David B Crouse	Deer Lake Boru	3csfamily@gmail.com	570 366 1607	DBC





<b>Schuylkill County Planning and Zoning Sign – In Sheet</b>		Page	of
Location:	<b>Schuylkill Haven Rec Center</b>	Topic:	<b>Hazard Mitigation Public Meeting</b>
Date:	<b>April 2, 2013</b>	Time:	<b>6 p.m.</b>

Name	Title/Municipality	Email Address	Phone Number	Initials
AL LUBINSKY	BLYTHE TWP	ALLUBINSKYSR@PAHETROCAST.NET	277-6677	AJ.L.
Barb Yenelavage	" "	N/A	277-6028	BAY
MIKE DEVLIN	SCHUYLKILL HAVEN	DEVLIN15@VERIZON.NET	385 1918	MJD
GARY HESS	Schuylkill County Comm	Ghess@co.Schuylkill.Pa.us	628-1203	GH

# 2013 All-Hazards Mitigation Plan Update Schuylkill County, PA

Public Meetings  
2 April 2013

Presented by:  
*Deepa Srinivasan, Vision Planning and Consulting, LLC*

# Project Purpose and Vision

To update the all-hazards mitigation plan to improve Schuylkill County's resistance to natural hazards by identifying actions to reduce the impact of various hazards to municipal residents and structures.

*"Protect Schuylkill County residents and their property and minimize the disruption that any disaster will cause to the Schuylkill community."*

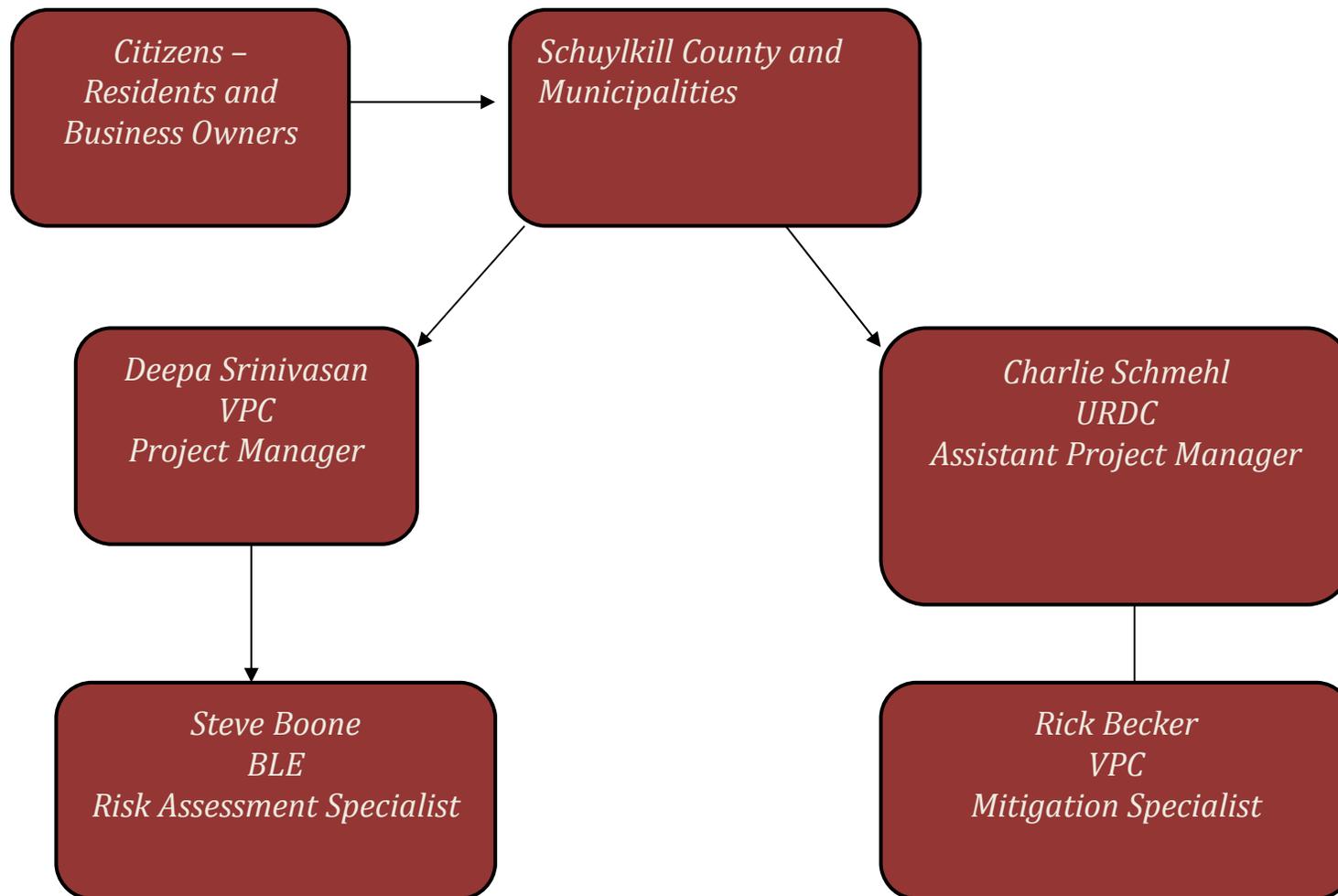
# Key Players

- Schuylkill County Staff
- Hazard Mitigation Plan Steering Committee
- Municipalities
- Consultants
  - Deepa Srinivasan, President, Vision Planning & Consulting
  - Charlie Schmehl, URDC
  - Steve Boone, Borton Lawson Inc.
- Public
- Pennsylvania Emergency Management Agency (PEMA)
- Federal Emergency Management Agency (FEMA)

# Schuylkill County Departments

- Conservation District
- Economic Development
- Emergency Management Agency
- Planning and Zoning
  - Geographic Information Systems
- Real Estate/Engineering
- Schuylkill Transportation System
- Solid Waste and Resource Management

# Project Organization



# Steps in the Planning Process

1. Organize steering committee and process (meetings)
2. Assess hazards, risks, vulnerability
3. Assess local capabilities (questionnaire)
  - Existing Plans, Programs, Policies
  - Personnel and Equipment Resources
  - Local Codes and Zoning Ordinances
  - Current and Proposed Construction Projects

# Steps in the Planning Process (cont'd)

4. Develop goals and objectives and mitigation actions
5. Write mitigation plan and prioritize projects (using Evaluation Criteria)
6. Develop implementation plan
  - Priorities for Mitigation Actions
    - Short-, Medium-, or Long-Range
    - Potential Funding Sources
    - Responsible Entities
    - Target Completion Dates
  - Five-Year Plan Maintenance Cycle

# Steering Committee Meetings

## Meeting #1- 26 September 2012

- Review of each section of the 2007 Plan with Committee members to determine sections that needed to be updated;
- Discussion of project schedule, and deliverables;
- Discussion and distribution of the mitigation capability questionnaire.

## Meeting #2 – 8 November 2012

- Review of goals and objectives from the 2007 plan.

## Meeting #3 – 4 December 2012

- Review of goals and objectives from 2007 plan;
- Discussion of municipal mitigation actions; and
- Discussion of municipal capabilities and results of the mitigation capability questionnaire.

## Meeting #4 – 2 April 2013

- Examination of County level mitigation actions from the 2007 plan;
- Prioritization of mitigation actions.
- Development of an implementation strategy for each mitigation action

# Steering Committee

Name	Agency
John Matz	Schuylkill County EMA, Director
John Blickley	Schuylkill County EMA
	Operations and Training Officer
Susan Smith	Schuylkill County Planning and Zoning, Director
Jackie Pellish	Schuylkill County Planning and Zoning, Assistant Planner
Lisa Mahall, P.E.	Schuylkill County Engineer, Real Estate Director
Dan Evans	LEPC, Chair
Dr. Elinor Madigan	LEPC, Vice Chair
Bob Carl	Chamber of Commerce
Tony Prudenti	Schuylkill County Planning Commission
John Malinchok	Schuylkill County Planning Commission
Wayne Bowen	North Manheim Township
Amy Batdorf	Schuylkill Municipal Authority
Kay Jones	Schuylkill VISION
Frank Zukas	SEDCO
Kathy Riotto	Townships Association
Mary Labert	Boroughs Association
Elizabeth Hinkel	Schuylkill Conservation District, Director
Wayne Lehman	Schuylkill Conservation District
Mike Lonergan	Orwigsburg Borough
Scott Graver	Schuylkill Haven Borough
Chad Northcraft	DCNR- Forestry

# Municipal and Public Meetings

## Municipal Workshops

- Reviewed maps and identified high hazard areas
- Identified critical facilities within their community
- Discussed risks and vulnerabilities within their community
- Identified and discuss potential mitigation projects
- Discussed future participation opportunities and next steps

## Public Meetings

- Discuss Planning process
- Present goals for mitigation of various hazards
- Present options for mitigation actions and projects
- Review proposed prioritization criteria for mitigation projects



# Municipal Participation

## Schuylkill County 2013 Hazard Mitigation Plan Update Municipal Participation - Updated February 20, 2013

Municipality	Completed Mitigation Capability Questionnaire	Attended Municipal Meeting on Sept. 26 2012	Identified Hazards and Risks	Developed/ Reviewed Mitigation Actions	Plan Provided to Municipality for Review To be completed
Ashland Borough	Yes				
Auburn Borough	Yes	Yes	Yes*	Yes*	
Barry Township	Yes	Yes	Yes	Yes	
Blythe Township	Yes	Yes	Yes	Yes	
Branch Township	Yes	Yes	Yes*	Yes*	
Butler Township	Yes	Yes	Yes	Yes	
Cass Township	Yes	Yes	Yes	Yes	
Coaldale Borough	Yes	Yes	Yes	Yes	
Cressona Borough		Yes	Yes	Yes	
Deer Lake Borough	Yes	Yes	Yes	Yes	
Delano Township		Yes	Yes	Yes	
East Brunswick Township	Yes	Yes	Yes	Yes	
East Norwegian Township	Yes	Yes	Yes*	Yes*	
East Union Township	Yes	Yes	Yes*	Yes*	
Eldred Township	Yes	Yes	Yes	Yes	
Foster Township	Yes	Yes	Yes*	Yes*	
Frackville Borough	Yes	Yes	Yes	Yes	
Frailey Township	Yes		Yes	Yes	
Gilberton Borough	Yes	Yes	Yes	Yes	
Girardville Borough	Yes	Yes	Yes*	Yes*	
Gordon Borough	Yes	Yes	Yes	Yes	
Hegins Township	Yes	Yes	Yes	Yes	
Hubley Township		Yes	Yes	Yes	
Kline Township		Yes	Yes	Yes	
Landingville Borough					
Mahanoy City Borough	Yes	Yes	Yes*	Yes*	
Mahanoy Township		Yes	Yes*	Yes*	
McAdoo Borough	Yes	Yes	Yes	Yes	
Mechanicsville Borough		Yes	Yes*	Yes*	
Middleport Borough	Yes	Yes	Yes	Yes	
Minersville Borough					
Mount Carbon Borough					
New Castle Township					
New Philadelphia Borough		Yes	Yes*	Yes*	
New Ringgold Borough	Yes	Yes	Yes	Yes	
North Manheim Township	Yes	Yes	Yes	Yes	
North Union Township	Yes	Yes	Yes	Yes	
Norwegian Township					
Orwigsburg Borough	Yes	Yes	Yes	Yes	
Palo Alto Borough	Yes	Yes	Yes*	Yes*	
Pine Grove Borough	Yes	Yes	Yes	Yes	
Pine Grove Township	Yes	Yes	Yes	Yes	
Port Carbon Borough	Yes	Yes	Yes	Yes	
Port Clinton Borough	Yes	Yes	Yes*	Yes*	
Porter Township	Yes	Yes	Yes	Yes	
Pottsville City	Yes	Yes	Yes*	Yes*	
Reilly Township	Yes	Yes	Yes	Yes	
Ringtown Borough	Yes	Yes	Yes	Yes	
Rush Township	Yes	Yes	Yes	Yes	
Ryan Township	Yes	Yes	Yes	Yes	
Saint Clair Borough	Yes	Yes	Yes*	Yes*	
Schuylkill Haven Borough	Yes	Yes	Yes	Yes	
Schuylkill Township	Yes				
Shenandoah Borough					
South Manheim Township	Yes	Yes	Yes*	Yes*	
Tamaqua Borough					
Tower City Borough	Yes	Yes	Yes	Yes	
Tremont Borough	Yes	Yes	Yes	Yes	
Tremont Township	Yes	Yes	Yes	Yes	
Union Township	Yes	Yes	Yes*	Yes*	
Upper Mahantongo Township		Yes	Yes	Yes	
Walker Township	Yes	Yes	Yes	Yes	
Washington Township	Yes	Yes	Yes	Yes	
Wayne Township	Yes	Yes	Yes*	Yes*	
West Brunswick Township	Yes	Yes	Yes	Yes	
West Mahanoy Township		Yes	Yes	Yes	
West Penn Township	Yes	Yes	Yes	Yes	

\* = The municipality participated in reviewing risks and projects, but did not identify any specific risks or projects.

# Summary of Hazards

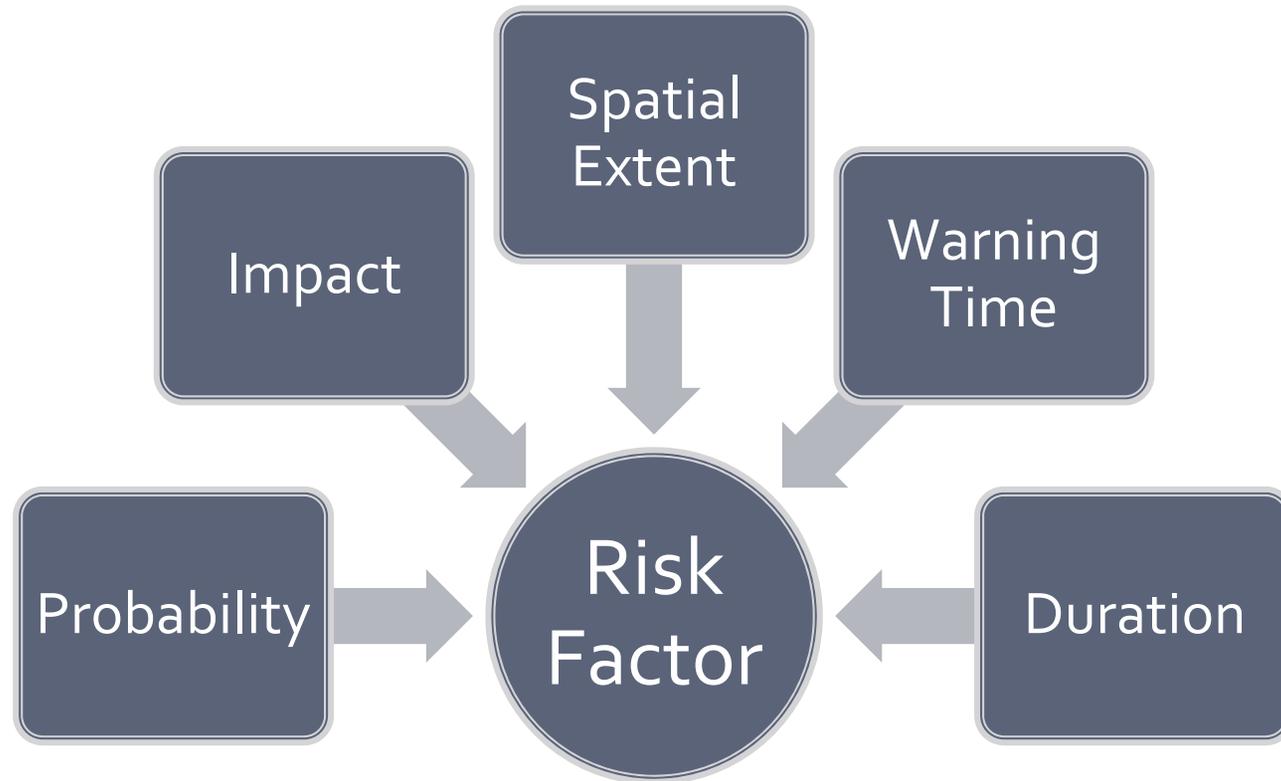
## 2007 Hazard Mitigation Plan

- Floods
- Drought
- Tornadoes
- Winter Storms
- Wildfires
- Land/Mine Subsidence
- Hurricanes and windstorms
- Hazardous Materials Incidents
- Transportation Related Incidents
- Dam Failures

## 2013 HMP Update

- **Blight**
- Dam Failures
- Drought & Water Supply Deficiencies
- Floods
- Hazardous Materials and Transportation Incidents
- Hurricanes and Windstorms
- Mine Subsidence
- **Nuclear Events**
- Tornadoes
- Wildfires
- Winter Storms

# Summary of Risk Assessment



Risk Factor Value = [(Probability x .30) + (Impact x .30) + (Spatial Extent x .20) + (Warning Time x .10) + (Duration x .10)]

# Summary of Risk Assessment

## High Risk (RF 2.5 >)

Blight (3.4)

Winter Storm (3.0)

Drought & Water Supply  
Deficiencies (2.8)

Flooding (2.6)

Hurricanes/Windstorm  
(2.5)

## Moderate Risk (RF 2.0 -2.4)

Hazardous Material and  
Transportation Incidents  
(2.4)

Wildfires (2.4)

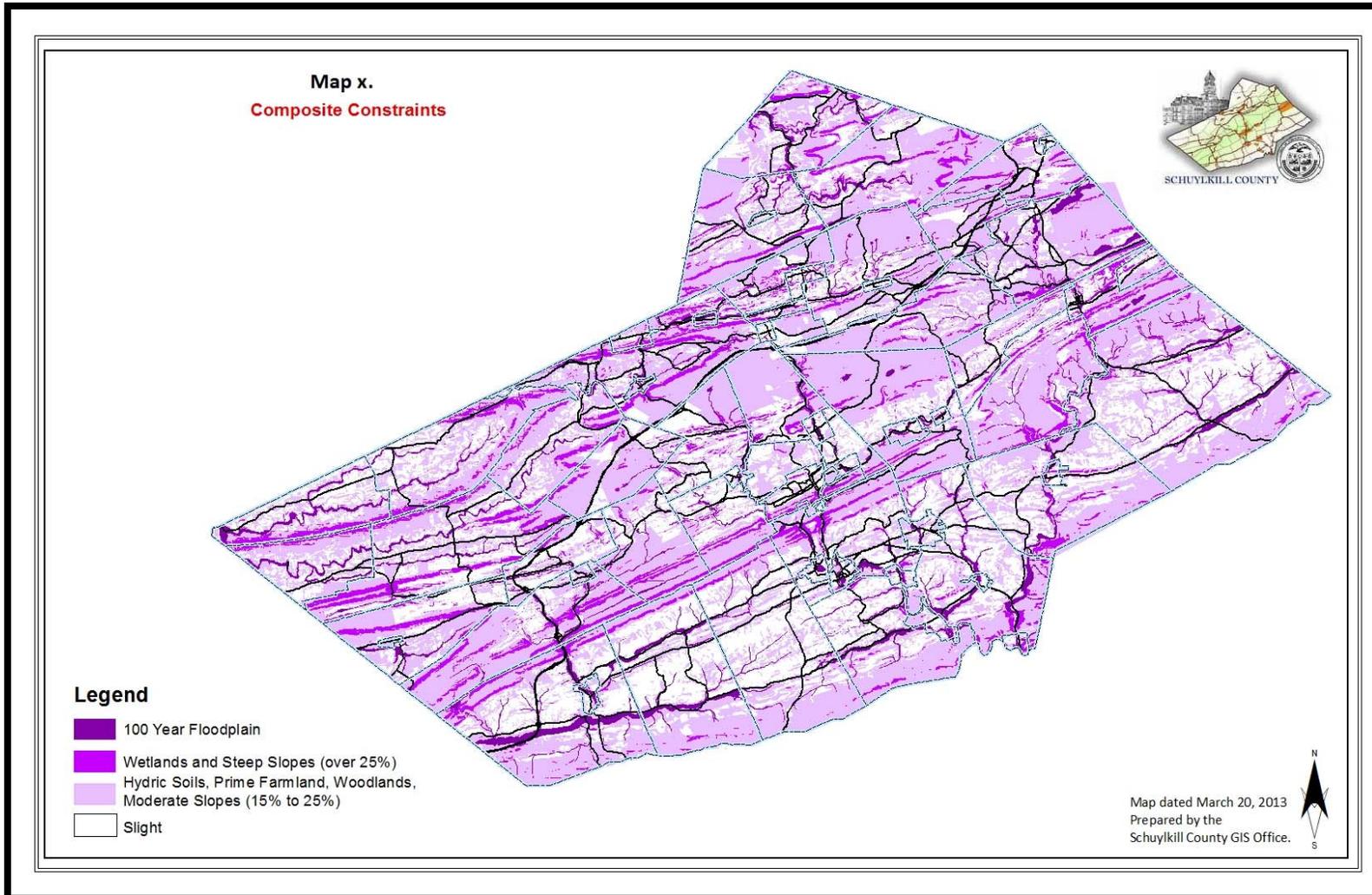
Dam Failures (2.2)

Mine Subsidence  
(2.1)

## Low Risk (RF <2.0)

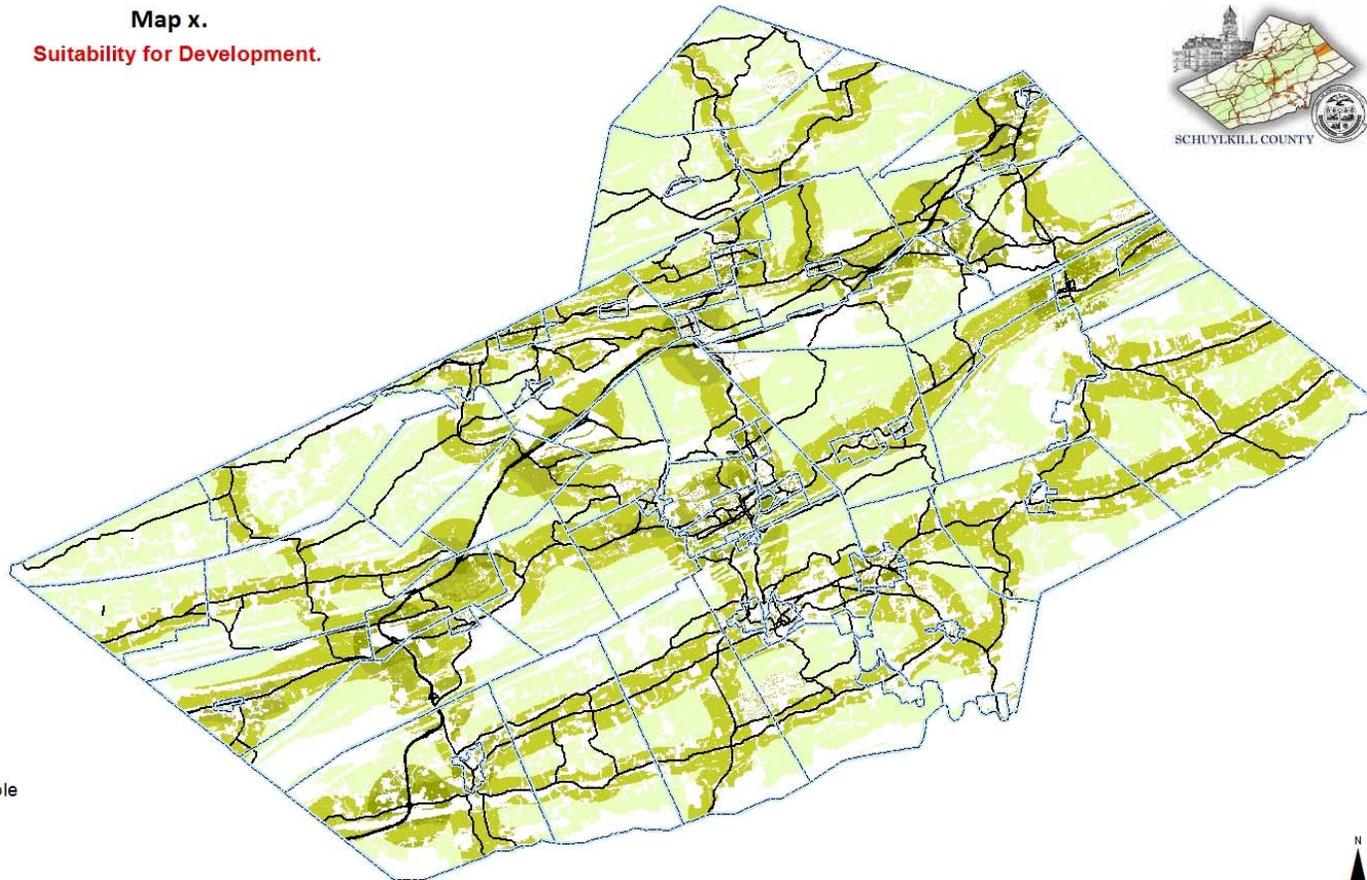
Tornadoes

# Mapping Constraints

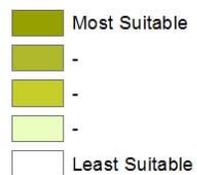


# Suitability for Development

Map x.  
Suitability for Development.



## Legend



Map dated March 20, 2011  
Prepared by the  
Schuylkill County GIS Office.



# Capability Assessment – Document Review

- Comprehensive Plan and Open Space and Greenway Plan (2006)
- County Hazard Mitigation Plan (2007)
- Uniform Construction Code
- Water Supply Study (2002)
- Floodplain Management Ordinance
- Zoning Ordinance
- Subdivision Regulations
- Act 167 Stormwater Management Ordinance
- Sediment/erosion control ordinance
- County Emergency Operations Plan
- County CIP

# Capability Assessment

## County/Municipal Capabilities

- Organizational
- Informational
- Technical/Technological
- Fiscal
- Staffing
- Emergency Management

# Capability Assessment - Municipal Questionnaire

- Critical facilities in high hazard areas
- Critical facilities damaged from past hazards
- Buildings in floodplain, flood insurance policies
- Existing plans and ordinances
- Specific policies on: freeboard, cluster development incentives, critical facilities protection, floodplain fill restrictions, development restrictions
- Completed and proposed mitigation projects
- Staffing capabilities
- Emergency services
- Training

# Summary of Goals

- Create an organizational structure for accountability to follow through with maintenance of the plan.
- Maintain a sense of regional accountability, whereas, a hazard in one municipality may affect another.
- Promote actions that support economic development and public/private partnerships within Schuylkill County.
- Encourage municipalities, through education, to promote public awareness of current and/or potential hazards within their community.
- Strengthen land use and zoning ordinances regarding floodplain regulation.
- Identify resources within each municipality.
- Foster awareness of specific hazards in an area prior to future development.

# Prioritization Criteria

Criteria	Points	High	Points	Medium	Points	Low
Life/Safety Impact	10	Significant impact on public safety for businesses, residents and/or properties	6	Direct impact on businesses, residents and/or properties	2	Minimal/negligible impact on businesses, residents and/or properties
Administrative/ Tech Assistance	5	No additional staff or technical support needed to implement action	3	Some administrative and technical support needed to implement action	1	Significant administrative and technical support needed to implement action
Project Cost	5	Low cost (<\$25,000)	3	Moderate cost (\$25,000-\$100,000)	1	High cost to implement (>\$100,000)

# Next Steps

- Preparation of Draft Plan for review
- Submission of Draft Plan to PEMA
- Submission of Final Plan to FEMA
- Adoption of Plan by Schuylkill County
- Adoption of Plan by Municipalities



**Thank You!**