



APPENDIX B. PARTICIPATION MATRIX AND DOCUMENTATION

The matrix in Appendix B is intended to give a broad overview of FEMA, the State of New Jersey, county, municipal and stakeholder personnel that participated in the Gloucester County HMP update planning process. Meeting attendees and input provided are also included. All participants were encouraged to attend the kick-off meeting and mitigation workshop. During the planning process the consultant contacted each participant to offer support, explain the process, and facilitate the submittal and review of critical documents.

The participating jurisdictions agreed to abide by the Planning Partner Expectations and Planning Committee Guidelines which established a Steering Committee. Letters of Intent to Participate indicating municipal planning efforts are included in this appendix. The Steering Committee served as the core of the working group. Participation is defined as having input to the hazard analysis (providing critical facility, hazard event, vulnerability data), and as having participated in the mitigation workshop or alternate annex meetings as described in the HMP for the purpose of creating a mitigation strategy to be included in each municipalities annex in Section 9. A list of participating jurisdictions and representatives is found in Table B 1.

A number of stakeholders were invited to participate in the planning process. Stakeholders were invited to meetings, asked to complete a stakeholder survey, requested to provide input on their involvement in Gloucester County and flood protection, and review and comment on the draft plan. A list of stakeholders and their participation is found in Table B-2.

The development and review of jurisdictional annexes involved the participation of the county, municipal and stakeholder personnel. The representatives involved in annex development and review and their contributions to the jurisdictional annexes are identified in Table B-3.

A Strengths, Weakness, Obstacles and Opportunities exercise (SWOO) was completed by the planning partnership. Participants were asked to fill out the SWOO for each of the hazards of concern for the 2022 HMP update. The results were compiled and presented to the planning partnership at the risk assessment presentation. The results were also used by the participants to help identify capabilities and potential mitigation actions. The results from this activity are found in Table B-4.

In preparation for the draft plan public review, each jurisdiction was asked to have their 'mitigation team' review their annex to ensure it was complete and accurate for posting to the Gloucester County Office of Emergency Response website. To demonstrate broad and comprehensive review and input, each jurisdiction collected signatures from these representatives. Copies of the sign-off sheets are provided at the end of this appendix.



Table B-1. Participation Matrix

Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Dennis McNulty	Director, Emergency Response	X	X	X	X	X	X	X	X	X
Chuck Murtaugh	Deputy Coordinator, Emergency Response	X	X	X	X	X			X	X
Peter A. Scirrotto Sr.	Director of Buildings and Grounds									
Tom Bianco	Director of Economic Development									
Vincent M. Voltaggio	Director of Public Works & County Engineer									
Kelly Baker	Director of Gloucester County Improvement Authority									
Theresa Ziegler	Principal Planner		X							
John Vinci	Director of Utilities Authority		X	X			X			
Heather Pool	Deputy County Clerk				X					
Joe Baker	Project Manager, GCIA		X							
Joe Ward	GIS, Emergency Response		X	X	X	X				
Jack DeAngelo	Deputy Coordinator, Emergency Response		X							
Nick Cressman	GIS, Planning Division		X		X	X	X	X		
Jim Hogan	County Clerk									
Mark Harris										
Michele Everly										



Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Stephanie Salvatore	Superintendent of Elections									
Jackie Huston	County Planning				X					
Sam Teague	OEM Coordinator			X	X		X	X		X
Sue Miller	Borough Administrator			X	X		X			X
Donald Banks	OEM Coordinator			X						
Tom Newman	Township Manager/Deputy OEM Coordinator				X			X		X
Christina Romano	Construction Official						X	X		X
Mike DiVito	Deputy OEM Coordinator							X		X
Kyle Messick	OEM Coordinator			X			X	X		
Debbie Pine	Clerk									
Ed Selb	OEM Coordinator			X	X		X	X		X
Barbara Freijomil	Clerk									
Matthew DeCesari	OEM Coordinator			X						
Alex Fragoso	OEM Deputy Coordinator							X		
Karen Cosgrove	Clerk									
Zach Heard	OEM				X					
Jack Manning	OEM Coordinator			X	X		X			X
Craig Rawles	Deputy OEM Coordinator									X



Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Lori Biermann	Clerk									
Robert S. Schoch Jr.	OEM Coordinator			X	X			X		
Kirk Fairley							X			
Diane Malloy	Clerk									
Lawrence Moore	Clerk									
Brian Bartholomew	OEM Coordinator				X					
Frank Rodgers	Deputy OEM Coordinator			X						
Linda Oswald	Clerk									
Jennifer Pearson	Clerk									
Lt. Joseph V. Flatley	OEM Coordinator			X	X	X				
Ron Snyder	Construction Official					X				
Robert Taylor	Deputy OEM Coordinator							X		
Capt. Brian Grady	OEM Coordinator			X	X	X	X			
Jennica Bileci	Clerk									
Pam LeVine	Clerk				X					
Aileen Chiselko	Clerk									
Jennifer Harbison	Clerk									
Sgt. Ryan Borkowski	OEM Coordinator			X	X					X
Joy Gunn	Clerk			X	X					



Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Joseph Conboy	OEM Coordinator									
Toni VanCamp	Clerk									
Michael Carlino	OEM Coordinator									
Kathy Vanscoy	Clerk									
Mayor Gary Stevenson	OEM Coordinator									
Judy O'Donnell	Clerk			X	X					
James Foley	OEM Coordinator									
Celeste Keen (Brennen)	Clerk			X			X			X
Sandi McCafferty	Clerk									
Thomas Luchay	OEM Coordinator			X						X
Lois Elder	Clerk				X		X	X		
Lois Yarrington	Clerk				X					
Eric Voight	OEM Coordinator						X			
Christine Ciallella	Clerk									
Chief Patrick Gursick	OEM Coordinator			X						
Ron Snyder	Construction Official						X			



Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Karen Sweeney	Clerk									
Richard Black	OEM Coordinator			X	X		X			X
David Kreck	Borough Engineer							X		
LeeAnn DeHart	Clerk			X	X		X	X		
Jill Magill	Clerk			X						
Lorissa Luciani	Director of Planning & Code Enforcement				X					
Joseph Gill	OEM Coordinator									
Ryan Giles	Administrator						X			
Bill Gigliotti	DPW				X			X		
AJ Ferriola	Chief of Operations (EMS)				X					
Tyler Rost	Events and Communications Coordinator				X			X		
Ryan Giles	Clerk									
Kathleen Carroll	Deputy Clerk			X	X					
Michael Packer	OEM Coordinator									
Allison Lucci	Environmental Commission				X					
Daneen Fuss	Clerk									
John Leech	OEM Coordinator			X				X		
Cassidy Swanson	Clerk									



Name	Title/Position	Attended Pre-Kick Off Meeting (March 3, 2021)	Attended Steering Committee Meeting (April 21, 2021)	Attended Planning Partnership Kick-Off Meeting (May 5, 2021)	Attended Annex Training (May 18 & 20, 2021)	Attended Steering Committee (June 23, 2021)	Attended Planning Partnership Meeting #2 (June 30, 2021)	Mitigation Strategy Workshop (August 26, 2021)	Steering Committee Member	Designated Project Point of Contact
Joe Buono	Deputy Emergency Manager / Chief Fire Marshal							X		
Jolyn Gregoria	Clerk			X						
Janet Pizzi	Clerk									
John Witasick	OEM Coordinator			X			X			
Jane DiBella	Clerk			X						
Jessica Mignogna	Clerk									
Det. Chris Beckett II	OEM Coordinator									X
Steve Rolando	OEM Coordinator									
Mike Kantner	Emergency Management Coordinator							X		
Chris Testa	NJOEM		X	X						
Howard Wolf	NJOEM		X							



Table B-2. Stakeholder Participation Matrix

Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
Federal, State and Regional Agencies										
Delaware Valley Regional Planning Commission	Barry Seymour	Executive Director	X	X	X					
Delaware Valley Regional Planning Committee	Robert Graff	Manager, Office of Energy & Climate Change Initiatives	X	X	X					
FEMA Region II - Mitigation Division	Kelly Pflicke	Resiliency Specialist	X	X	X					
NJDEP - Dam Safety NJDEP - State Park Service	Clint Oman James Douglas	Bureau Chief	X	X	X					
NJDEP - Flood	Joe Ruggeri	Supervising Environmental Engineer	X	X	X					
USDA NRCS	Mona Peterson	District Conservationist	X	X	X					
Other County Agencies										
Gloucester County Chamber of Commerce			X	X	X					
Gloucester County Fire Chiefs and Fire Officers Associaton	Matthew Cardile	President & District Fire Chief	X	X	X					
Gloucester County Improvement Authority	George Strachan	Director	X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
Gloucester County Senior Services	Leona G. Mather	Executive Director	X	X	X					
Gloucester County Soil Conservation District	Karol Blew	District Manager	X	X	X					
Academia										
Gloucester County Superintendent of Schools	Ave Altersitz	Superintendent of Schools	X	X	X					
American Littoral Society			X	X	X					
Rowan University	Steve Weinstein, Esq.	General Counsel and Executive Vice President for Government Relations	X	X	X					
Rutgers	Dr. David Robinson	State Climatologist	X	X	X					
Rutgers Cooperative Extension Service	Michelle Infante-Casella	Agriculture & Natural Resources County Agent	X	X	X					
Rutgers Cooperative Research and Extension Service			X	X	X					
Rutgers NJAES Cooperative Extension of Gloucester County			X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
Rowan College of South Jersey	Dominick J. Burzichelli	Vice President and Chief Operating Officer	X	X	X					
Associations and Civic Groups										
Alliance for Watershed Education of the Delaware River	Rebecca Morley	Communications Director (William Penn Foundation)	X	X	X					
Delaware Riverkeeper Network	Maya K. van Rossum	Leader	X	X	X					
Ducks Unlimited	John McMahon	State Chairman	X	X	X					
Great Egg Harbor Watershed Assn	Julie Akers	President	X	X	X					
Lower Delaware Wild and Scenic Recreational River	Richard Dodds	Management Council Chairman	X	X	X					
Nature Conservancy			X	X	X					
New Jersey Builders Association	Jeff Kolakowski	CEO	X	X	X					
NJ Conservation Foundation			X	X	X					
Old Pine Farm Land Trust			X	X	X					
Partnership for the Delaware Estuary			X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
SJ Land and Water Trust			X	X	X					
Soil Conservation District: Gloucester County			X	X	X					
South Jersey Resource Conservation and Development Council			X	X	X					
Sustainable Jersey	Randall Solomon	Executive Director	X	X	X					
Unexpected Wildlife Refuge			X	X	X					
Hospitals and Health Care										
American Red Cross of Southern New Jersey	Madhuri Rodriguez	Executive Director	X	X	X					
Gloucester County Department of Health	Tamarisk Jones	Director of Health Services	X	X	X					
Inspira Health Network	Peter Kaprielyan	Chief Development Officer	X	X	X					
Transportation										
NJ DOT	Liz Falcon	Principal Transportation Analyst, OEM Security & Response	X	X	X					
NJ Transit	Chief Christopher Trucillo	Chief of Police	X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
NJ Turnpike Authority	Shawn Taylor	Director, Community & Government Relations	X	X	X					
South Jersey Gas	Lauren Hurtt	Supervisor, Public Affairs & Community Relations	X	X	X					
Utilities and Infrastructure										
Atlantic City Electric	Anne Lindner	Vice President of State Legislative Affairs	X	X	X					
Builders League of South Jersey	-		X	X	X					
Colliers Engineering & Design (formerly Maser Consulting)	Tim Kernan, PE, PP, CME	Principal	X	X	X					
Gloucester County Utilities Authority	John J Vinci	Executive Director	X	X	X					
Manuta Twp MUA	William Krebs	Executive Director	X	X	X	X			X	
Monroe Municipal Utilities Authority	Wendy Mahoney	Executive Director	X	X	X					
PSE&G	Kenneth Strait	Manager Biological Programs	X	X	X					
Verizon NJ	Mark Bocchieri	Director	X	X	X					
Washington Township Municipal Utilities Authority	Angela Grassia	Executive Director	X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
Surrounding County Agencies										
Atlantic	Vincent J. Jones	Emergency Management Coordinator	X	X	X					
Camden	Samuel Spino	Emergency Management Coordinator	X	X	X					
Cumberland	Gabriel Scarpa	Director, Department of Emergency Services & Public Protection	X	X	X					
Delaware County, PA	Tim Boyce	Director of Department of Emergency Services & Emergency Management Coordinator	X	X	X					
Philadelphia County, PA	Adam Thiel	Director of Office of Emergency Management	X	X	X					
Salem	Scott Haines	Emergency Management Coordinator	X	X	X					
Other										
Gloucester County Fire Marshall	Shawn Layton	Chief Fire Marshal	X	X	X					
NJ Future	Peter Kasabach	Executive Director	X	X	X					
NJ Pinelands Commission	Gina Berg	Resource Planner	X	X	X	X			X	
Gloucester County Animal Shelter			X	X	X					



Stakeholder - Organization	Name	Title / Position	Notified of Planning Process	Invited to Meetings	Invited to Take Survey	Completed Survey	Attended Meetings		Provided Input During Planning Process	Notified of Posting of Draft Plan
US Army Corps of Engineers - Philadelphia District	Robert Eckhardt	Application Engineer, Emergency Management Specialist	X	X	X	X				

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Table B-3. Annex Development Participation Matrix

Name	Title/Position	Method of Participation
Gloucester County		
Dennis McNulty	Director, Emergency Response	Steering committee member, designated project point of contact, attended meetings
Chuck Murtaugh	Deputy Coordinator, Emergency Response	Steering committee member, designated project point of contact, attended meetings
Peter A. Scirrotto Sr.	Director of Buildings and Grounds	
Tom Bianco	Director of Economic Development	
Vincent M. Voltaggio	Director of Public Works & County Engineer	
Kelly Baker	Director of Gloucester County Improvement Authority	
Theresa Ziegler	Principal Planner	Attended meetings
John Vinci	Director of Utilities Authority	Attended meetings
Heather Pool	Deputy County Clerk	Attended meetings
Joe Baker	Project Manager, GCIA	Attended meetings
Joe Ward	GIS, Emergency Response	Attended meetings
Jack DeAngelo	Deputy Coordinator, Emergency Response	Attended meetings
Nick Cressman	GIS, Planning Division	Attended meetings
Jim Hogan	County Clerk	
Michelle Infante-Casella	County Department Head - Rutgers Cooperative Extension of Gloucester County	Attended meetings
Mark Harris		
Michele Everly		
Stephanie Salvatore	Superintendent of Elections	
Jackie Huston	County Planning	Attended meetings
Clayton (B)		
Chris Newcomb	Clerk	
Naomi Money	Deputy Clerk	



Name	Title/Position	Method of Participation
Sam Teague	OEM Coordinator	Attended meetings, designated project point of contact
Sue Miller	Borough Administrator	Attended meetings, designated project point of contact
Deptford (Twp)		
Dina Zawadski	Clerk	
Tina Helder	Clerk	
Donald Banks	OEM Coordinator	Attended meetings
Christian Romano	Township Construction Official	Attended meetings, designated project point of contact
Tom Newman	Township Manager/Deputy OEM Coordinator	Attended meetings, designated project point of contact
Michael DiVito	Deputy OEM Coordinator	Attended meetings, designated project point of contact
East Greenwich (Twp)		
Elizabeth McGill	Clerk	
Stephanie McCaffrey	Clerk	
Robert Demarzio	OEM Coordinator	
Kyle Messick		Attended meetings
Anthony Rossett	Public Works Manager	Designated project point of contact
Elk (Twp)		
Debbie Pine	Clerk	
Ed Selb	OEM Coordinator	Attended meetings, designated project point of contact
Franklin (Twp)		
Barbara Freijomil	Clerk	
Matthew DeCesari	OEM Coordinator	Attended meetings
Alex Fragoso	OEM Deputy Coordinator	Attended meetings
Glassboro (Twp)		
Karen Cosgrove	Clerk	
Zach Heard	OEM	Attended meetings
Jack Manning	OEM Coordinator	Attended meetings, designated project point of contact
Craig Rawles	Deputy OEM Coordinator	Designated project point of contact



Name	Title/Position	Method of Participation
Greenwich (Twp)		
Lori Biermann	Clerk	
Robert S. Schoch Jr.	OEM Coordinator	Attended meetings
Kirk Fairley		Attended meetings
Harrison (Twp)		
Diane Malloy	Clerk	
Lawrence Moore	Clerk	
Brian Bartholomew	OEM Coordinator	Attended meetings
Frank Rodgers	Deputy OEM Coordinator	Attended meetings
Logan (Twp)		
Linda Oswald	Clerk	
Jennifer Pearson	Clerk	
Lt. Joseph V. Flatley	OEM Coordinator	Attended meetings
Ron Snyder	Construction Official	Attended meetings
Robert Taytlor	Deputy OEM Coordinator	Attended meetings
Mantua (Twp)		
Capt. Brian Grady	OEM Coordinator	Attended meetings
Jennica Bileci	Clerk	
Pam LeVine	Clerk	Attended meetings
Monroe (Twp)		
Aileen Chiselko	Clerk	
Jennifer Harbison	Clerk	
Sgt. Ryan Borkowski	OEM Coordinator	Attended meetings, designated project point of contact
National Park (B)		
Joy Gunn	Clerk	Attended meetings
Joseph Conboy	OEM Coordinator	
Newfield (B)		
Toni VanCamp	Clerk	



Name	Title/Position	Method of Participation
Michael Carlino	OEM Coordinator	
Paulsboro (B)		
Kathy Vanscoy	Clerk	
Gary Stevenson (Mayor)	OEM Coordinator	
Pitman (B)		
Judy O'Donnell	Clerk	Attended meetings
James Foley	OEM Coordinator	
South Harrison (Twp)		
Celeste Keen (Brennen)	Clerk	Designated project point of contact, attended meetings
Sandi McCafferty	Clerk	
Thomas Luchay	OEM Coordinator	Designated project point of contact, attended meetings
Swedesboro (B)		
Lois Elder	Clerk	Attended meetings
Lois Yarrington	Clerk	Attended meetings
Eric Voight	OEM Coordinator	Attended meetings
Washington (Twp)		
Christine Ciallella	Clerk	
Chief Patrick Gursick	OEM Coordinator	Attended meetings
Ron Snyder	Construction Official	Attended meetings
Wenonah (B)		
Karen Sweeney	Clerk	
Richard Black	OEM Coordinator	Attended meetings, designated project point of contact
David Kreck	Borough Engineer	Attended meetings
West Deptford (Twp)		
LeeAnn DeHart	Clerk	Attended meetings



Name	Title/Position	Method of Participation
Jill Magill	Clerk	Attended meetings
Lorissa Luciani		Attended meetings
Joseph Gill	OEM Coordinator	
Ryan Giles	Administrator	Attended meetings
Bill Gigliotti	DPW	Attended meetings
AJ Ferriola	Chief of Operations (EMS)	Attended meetings
Tyler Rost	Events and Communications Coordinator	Attended meetings
Westville (B)		
Ryan Giles	Clerk	
Kathleen Carroll	Deputy Clerk	Attended meetings
Michael Packer	OEM Coordinator	
Allison Lucci	Environmental Commission	Attended meetings
Woodbury (C)		
Daneen Fuss	Clerk	
John Leech	OEM Coordinator	Attended meetings
Cassidy Swanson	Clerk	
Joe Buono	Deputy Emergency Manager / Chief Fire Marshal	Attended meetings
Woodbury Heights (B)		
Jolyn Gregoria	Clerk	Attended meetings
Janet Pizzi	Clerk	
John Witasick	OEM Coordinator	Attended meetings
Woolwich (Twp)		
Jane DiBella	Clerk	Attended meetings
Jessica Mignogna	Clerk	
Det. Chris Beckett II	OEM Coordinator	Designated project point of contact
Rowan University		
Steve Rolando	OEM Coordinator	
Mike Kantner	Emergency Management Coordinator	Attended meetings



Name	Title/Position	Method of Participation
Stakeholders		
Chris Testa	NJOEM	Attended meetings
Howard Wolf	NJOEM	Attended meetings

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Table B-4. Strengths, Weaknesses, Opportunities, and Obstacles Exercise

Hazard	Strengths	Weaknesses	Obstacles	Opportunities
Coastal Erosion/Sea Level Rise	<ul style="list-style-type: none"> We are developing a storm water team that can work in areas along our river banks 	<ul style="list-style-type: none"> Training in new techniques or products to prevent erosion Sea Level Rise has created increased hazards of local flooding along Birch Creek. This is a result of the Birch Creek Tide gate failure and timber gathering at the mount of the creek. 	<ul style="list-style-type: none"> The amount of area along the river Birch Creek Tide Gate failure. Needs to be repaired/replaced. 	<ul style="list-style-type: none"> Surveys or evaluations by professionals to provide current conditions so they can be used as bench marks to estimate how quickly these problems will become more severe. Township Engineer is working with Army Corps of Engineers to address the failure.
Dam/Levee Failure	<ul style="list-style-type: none"> Ability to respond quickly and well-developed EOPs. Rebuilt tidal gate head wall on Sunoco property which allows water to drain while keeping the river out during high tide events. 	<ul style="list-style-type: none"> Limited, if any, to house displaced personnel for long periods of time. Develop a targeted list of repairs that need to be made to any structures like this Sea Level Rise has created increased hazards of local flooding along Birch Creek. This is a result of the Birch Creek Tide gate failure and timber gathering at the mount of the creek. 	<ul style="list-style-type: none"> Getting internal personnel trained to detect problems or have a survey possibly done by the County to identify possible problems Birch Creek Tide Gate failure. Needs to be repaired/replaced. 	<ul style="list-style-type: none"> Have County monitor these structures like they monitor bridges Township Engineer is working with Army Corps of Engineers to address the failure.
Disease Outbreak	<ul style="list-style-type: none"> Lessons learned from COVID - preparedness, ability to mobilize quickly, and strong Board of Health Past practice with COVID 	<ul style="list-style-type: none"> Preparation 	<ul style="list-style-type: none"> Need directives, not guidelines and recommendations, from federal/state department and agencies. Ex: during COVID, the state and CDC made recommendations as to how individuals should conduct themselves, but left the hardline actions to municipalities. The best 	<ul style="list-style-type: none"> Set up a standard health index that towns could operate (set by County BOH) like a scale that is assigned daily, with corresponding standards



Hazard	Strengths	Weaknesses	Obstacles	Opportunities
			<p>example was the travel policy - residents were recommended to quarantine, but compliance was expected.</p> <ul style="list-style-type: none"> The vast range of outbreaks that could occur 	
Drought	<ul style="list-style-type: none"> Strong water conservation ordinance and locally-improved water storage capacity by constructing a new water tower Upgrade water meters to cellular reading to detect abnormal usage. 	<ul style="list-style-type: none"> Education 	<ul style="list-style-type: none"> continued overbuilding in the state - are developers conforming to smart growth principals? The best way yo get the education out to the public 	<ul style="list-style-type: none"> better planning/utilization of grey water solutions Like most opportunities, help with a standardized message that can be disseminated by each town an the message is consistent.
Earthquake	<ul style="list-style-type: none"> Fire Department, Police Department, Public Works and County response teams 	<ul style="list-style-type: none"> Specialized equipment, training and experience 	<ul style="list-style-type: none"> None known at this time 	<ul style="list-style-type: none"> Like most opportunities, help with a standardized message that can be disseminated by each town an the message is consistent.
Extreme Temperature	<ul style="list-style-type: none"> Locally – ordinance protecting trees and residents embracing solar Policy, County events (give away) Code Blue 	<ul style="list-style-type: none"> Actual setup of these shelters 	<ul style="list-style-type: none"> Dependence on fossil fuels Staffing, Food 	<ul style="list-style-type: none"> Beyond local/county control Funding to obtain necessary staff, equipment and supplies
Flood	<ul style="list-style-type: none"> Locally - using CDBG funding for addressing drainage issues on streets. Pump and plans for anticipated heavy rain events 	<ul style="list-style-type: none"> Storm water infrastructure Sea Level Rise has created increased hazards of local flooding along Birch Creek. This is a result of the Birch Creek Tide gate failure and timber gathering at the mount of the creek. 	<ul style="list-style-type: none"> How do we prevent building in areas with high flood hazard potential - on barrier islands, lake front properties, etc. No ability to prevent this at the local/county level. Funds and manpower to increase the frequency of storm water upgrades 	<ul style="list-style-type: none"> Possible funding from County, State or Federal sources Township Engineer is working with Army Corps of Engineers to address the failure.
Geological Hazards	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A



Hazard	Strengths	Weaknesses	Obstacles	Opportunities
Hazardous Materials	<ul style="list-style-type: none"> Locally - commitment to and compliance with RTK Fire Department, County Hazmat 	<ul style="list-style-type: none"> It is always changing (new chemicals) 	<ul style="list-style-type: none"> Determination of what needs to be reported and standardization of local, county and state observations. 	<ul style="list-style-type: none"> Have a train route through town. Unsure how to mitigate the potential for a hazardous spill if transported via rail container. Like most opportunities, help with a standardized from the state level to the County level to the local. (like EOP's WD thinks 4 state thinks 16)
Hurricane / Tropical Storm	<ul style="list-style-type: none"> Strong County OEM - data analysis, resources, notification system Prestaging of pumping equipment, Public Works employees and equipment. Fire Department and Police Department and OEM 	<ul style="list-style-type: none"> Locally - shelters have no supplies to house displaced persons. Manpower equipment repairs 	<ul style="list-style-type: none"> Locally - unable to outfit shelters - cots, blankets, etc. and who mans shelters, supplies, food, etc Long term events 	<ul style="list-style-type: none"> Shared service with County to use extra equipment or provide manpower
Invasive Species	<ul style="list-style-type: none"> Locally - have an Invasive Species Ordinance for bamboo, other. Enforced by Code Enforcement Officer 	<ul style="list-style-type: none"> Not sure what equipment would be needed 	<ul style="list-style-type: none"> Staff with expertise dealing with this event 	<ul style="list-style-type: none"> Need more training and discussion on this
Nor'Easter	<ul style="list-style-type: none"> Public Works, fire Department and Police Department 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> continue to work with County LEPC and OEM to establish coordination with utilities and local government
Severe Weather	<ul style="list-style-type: none"> Glouc. Co. provides excellent management of severe weather events. Strong OEM. Public Work staffing and equipment, Fire Department and Police Department 	<ul style="list-style-type: none"> Staffing for long duration events 	<ul style="list-style-type: none"> The need to obtain new updated equipment that is automated (single operator) 	<ul style="list-style-type: none"> Work with GIS systems to map any damage with all areas of the county to allocate resources
Severe Winter Weather	<ul style="list-style-type: none"> Happen infrequently - deal with the best we can GIS systems 	<ul style="list-style-type: none"> Utilize GIS systems for workflow streaming and prioritizing 	<ul style="list-style-type: none"> Training for employees with these automated systems 	<ul style="list-style-type: none"> Work with GIS systems to map any damage with all areas of



Hazard	Strengths	Weaknesses	Obstacles	Opportunities
				the county to allocate resources County lead
Wildfire	<ul style="list-style-type: none">Locally - strong VFD.2Locally/county - excellent mutual aid supportFire Department, Police Department, County Dispatch (Field Comm) Public Works and OEM	<ul style="list-style-type: none">Specialized training	<ul style="list-style-type: none">	<ul style="list-style-type: none">
Utility Failure	<ul style="list-style-type: none">County LEPC (contacts) (electric, gas)	<ul style="list-style-type: none">Aging system, vegetation control	<ul style="list-style-type: none">Off hours contact (at times)	<ul style="list-style-type: none">Local # for OEM, Fire and Police

B.1 ANNEX SIGN-OFF SHEETS