

WHITEOUT 2023

After-Action Report/Improvement Plan February 2023

The After-Action Report/Improvement Plan (AAR/IP) aligns exercise objectives with preparedness doctrine and related frameworks and guidance. Exercise information required for preparedness reporting and trend analysis is included; users are encouraged to add additional sections as needed to support their own organizational needs

EXERCISE OVERVIEW

Exercise Name	Whiteout 2023	
Exercise Dates	January 26 (Asheboro), 27 (Kernersville), and February 2 (Elkin), 2023	
Scope	This exercise is a discussion-based tabletop exercise, planned for three days at three regional locations for four (4) hours hosted by the Piedmont Triad Regional Council. The locations included Asheboro, Kernersville, and Elkin, NC.	
Focus Area(s)	Response and Recovery	
Capabilities	Planning Operational Coordination	
	1. Discuss Command & Control with the use of the National Incident Management System and the components of the Incident Command System.	
Objectives	2. Provide an opportunity for Interagency Coordination while responders work through strategies, tactics, resource allocation and other problem-solving processes for major multijurisdictional incidents.	
	3. Allow responders to prepare and practice site and incident specific products such as response plans, policies, procedures, check sheets, IAP templates, maps, etc. for the major incident scenario.	
Threat or Hazard	Natural Disaster - Winter Storm	
Scenario	A Winter Storm has impacted the central region of North Carolina. Ice accumulation ranges from .10" to .55" across the area. Snow accumulations range from 8" in Burlington to 14.5" in Winston Salem. We are experiencing widespread power outages and major traffic issues.	
Sponsor	Jesse Day, Regional Planning Director iday@ptrc.org Adam Shull, Regional Planning Assistant Director ashull@ptrc.org Michelle Slaton, PTRC Workforce and Economic Development Program mslaton@ptrc.org Piedmont Triad Regional Council 1398 Carrollton Crossing Dr. Kernersville, NC 27284 www.ptrc.org	
Participating Organizations	Public and Private partners in the twelve (12) County Piedmont Triad Region of North Carolina	
Vendor Point of Contact	D. Scot Brooks, CEM CRISISTEC President Phone: 919.542.7932 Email: crisistec@gmail.com	

ANALYSIS OF CAPABILITIES

Aligning exercise objectives and capabilities provides a consistent taxonomy for evaluation that transcends individual exercises to support preparedness reporting and trend analysis. Table 1 includes the exercise objectives, aligned capabilities, and performance ratings for each capability as observed during the exercise and determined by the evaluation team.

Objective	Capability	Performed without Challenges (P)	Performed with Some Challenges (S)	Performed with Major Challenges (M)	Unable to be Performed (U)
Discuss Command & Control with the use of the National Incident Management System and the components of the Incident Command System.	Operational Coordination				
Provide an opportunity for Interagency Coordination while responders work through strategies, tactics, resource allocation and other problem-solving processes for major multijurisdictional incidents.	Planning				
Allow responders to prepare and practice site and incident specific products such as response plans, policies, procedures, check sheets, IAP templates, maps, etc. for the major incident scenario.	Planning				

Ratings Definitions:

Performed without Challenges (P): The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws.

Performed with Some Challenges (S): The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s) and did not negatively impact the performance of other activities. Performance of this activity did not contribute to additional health and/or safety risks for the public or for emergency workers, and it was conducted in accordance with applicable plans, policies, procedures, regulations, and laws. However, opportunities to enhance effectiveness and/or efficiency were identified.

Performed with Major Challenges (M): The targets and critical tasks associated with the capability were completed in a manner that achieved the objective(s), but some or all of the following were observed: demonstrated performance had a negative impact on the performance of other activities; contributed to additional health and/or safety risks for the public or for emergency workers; and/or was not conducted in accordance with applicable plans, policies, procedures, regulations, and laws.

Unable to be Performed (U): The targets and critical tasks associated with the capability were not performed in a manner that achieved the objective(s).

The following sections provide an overview of the performance related to each exercise objective and associated capability, highlighting strengths and areas for improvement.

Objective 1 - Discuss Command & Control with the use of the National Incident Management System and the components of the Incident Command System.

The strengths and areas for improvement for each capability aligned to this objective are described in this section.

Capability - Operational Coordination

Strengths

The partial capability level can be attributed to the following strengths:

Strength 1: Great attendance and support from across the region

Strength 2: Good mix of participation from Emergency Services, Human Services and Infrastructure agencies.

Strength 3: Strong pre-disaster relationships, cooperation, and partnerships

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: Command and Control

Reference: National Incident Management System

Analysis: The agencies appear to have very experienced Chief Officers managing their organizations.

Recommendations: Continued emphasis should be placed upon large scale or complex incidents that require multiple agencies, multiple jurisdictions, multiple operational periods, and a full complement of Command and General staff positions activated. Forming a Local or Regional Incident Management Team may be beneficial in this process. The United States Fire Administration Type 3 All Hazards Incident Management Team (0-305) course would be considered the standard.

Area for Improvement 2: Complex Incident Management

Reference: National Incident Management System

Analysis: Doesn't appear to be enough depth in the bull pen to manage multiple incidents and/or multiple operations periods.

Recommendations: Develop a multi-year training and exercise plan (Integrated Preparedness Plan). Training for Command, General Staff, and Unit Leader positions would significantly strengthen the response capabilities of the agencies. Examples might include but not limited to the following: All Hazards Incident Commander, Public Information Officer, Liaison Officer, Safety Officer, Operations/Planning/Logistics/Finance Section Chief position specific, Division/ Supervisor, Task Force/Strike Team Leader, Resource Unit Leader, Situation Unit Leader, etc.

Area for Improvement 3: Collaborative "Common Operating Picture/Situational Awareness" Tool that quickly and efficiently displays data, pertinent & up to date information, and intelligence across the system

Reference: FEMA National Response Framework October 2019, Homeland Security National Infrastructure Protection Plan November 2019

Analysis: The system is large, complex, fast paced, and operates continuously around the clock. Leaders need relevant COP/SA information to make safe, effective, consistent, and timely tactical and strategic decisions. This will allow informed predictions, a proactive response, and promotes a coordinated response among all stakeholders. If integrated appropriately, this could be an operational dashboard that all stakeholders are familiar with and not just a disaster operations platform.

Objective 2 - Provide an opportunity for Interagency Coordination while responders work through strategies, tactics, resource allocation and other problem-solving processes for major multijurisdictional incidents

The strengths and areas for improvement for each capability aligned to this objective are described in this section.

Capability - Planning

Strengths

The partial capability level can be attributed to the following strengths:

Strength 1: Communications and Coordination across the organizations.

Strength 2: Established working relationships with internal and external partners.

Strength 3: Willingness and ability to communicate with partner organizations based on sound relationships.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: Although communications are listed as a strength, there continues to be a need to strengthen internal and external communications especially as it pertains to a regional and/or wide scale disaster response information sharing.

Area for improvement 2: Develop relationships with new partners and continue to build and improve relationships with existing partners to ensure the flow of information. Utilize written Memorandums of Understandings whenever possible.

Area for Improvement 3: Continuity of Operations

Reference: CMS Emergency Preparedness Rule February 2019, FEMA Continuity Guidance Circular February 2018

Analysis: Gaps identified with the following:

- 1. Understanding Essential Functions (risk assessment, business process analysis, impact and prioritization),
- 2. Mitigation Options (relocation/telework/disaster staffing/mandated callback overtime),
- 3. Identifying Key Elements (Orders of Succession, Delegation of Authority),
- 4. Plan and Implementation
- 5. Maintaining Capability (training, exercise).

Area for Improvement 4: Threat and Hazard Identification Risk Assessment (THIRA)

Reference: FEMA Comprehensive Preparedness Guide (CPG) 201

Analysis: Organization has completed previous post disaster mitigation projects successfully. This recommendation is to conduct a comprehensive pre-disaster assessment and create a long term Capital Improvement Plan based upon actual threat and hazard mitigation priorities.

Area for Improvement 5: Disaster Financial Management Policies and Procedures

Reference: FEMA Disaster Financial Management Guide April 2020

Analysis: Emergency Procurement and Contract Policies, Pre-disaster Contracts, Memorandum of Understandings, Contingency Funds Budget Line Item, Disaster Declaration Reimbursement documentation of expenditures, equipment, materials, damages, and cost impacts accounting practices in real time.

Objective 3 - Allow responders to prepare and practice site and incident specific products such as response plans, policies, procedures, check sheets, IAP templates, maps, etc. for the major incident scenario.

The strengths and areas for improvement for each capability aligned to this objective are described in this section.

Capability - Planning

Strengths

The partial capability level can be attributed to the following strengths:

Strength 1: Multiple plans, policies, procedures in place

Strength 2: Mix of participants created varying viewpoints and valuable discussion

Strength 3: The wide variety of participants representing the "regional area" reinforces the expectation that all members have a shared responsibility and strengthens motivation to conduct planning within their organizations.

Areas for Improvement

The following areas require improvement to achieve the full capability level:

Area for Improvement 1: Integrated Preparedness Plan

Reference: Homeland Security Exercise and Evaluation Program - Integrated Preparedness Plan (IPP) January 2020

Analysis: Training gaps identified in the overall disaster preparedness, preparation, response, recovery, and mitigation programs. The Integrated Preparedness Plan (IPP) is a document for combining efforts across the elements of the Integrated Preparedness Cycle to make sure that a jurisdiction/organization has the capabilities to handle threats and hazards. Through effective program management, each planning, organizing/equipping, training, exercising, and evaluating/improving activity becomes a supporting component of the larger preparedness priorities. These preparedness priorities help exercise planners design and develop a multi-year training and exercise program of individual exercises that target resources to where they are most useful.

Area for Improvement 2: Functional Planning, Training, and Exercises

Reference: HSEEP

Analysis: Critical functions outside the EOC were not evaluated during this exercise

Recommendations: Create a schedule of functional planning, training, and exercises to build and test the "region's" ability to perform the critical functions in an efficient manner. Examples may include Public Information, Evacuation, Sheltering, Damage Assessment, Debris Management, Detours & Traffic Management, and Continuity of Operations functions.

Area for Improvement 3: Use of Technology

Reference: Crisis Track, Orion, D4H

Analysis: There are multiple programs and/or technologies that could make the region much more efficient in terms of a regional approach to response and recovery.

Recommendations: Consider regional or multi-jurisdictional purchase power when evaluating programs and/or technologies to improve efficiency and effectiveness.

Appendix A: IMPROVEMENT PLAN

Capability	Issue/Area for Improvement	Corrective Action	Capability Element	Primary Responsible Organization	Organization POC	Start Date	Completion Date
Operational Coordination	Command & Control	Position Specific Incident Command Courses	Training	Emergency Management	EM Staff	3/2023	12/2025
Operational Coordination	Complex Incident Management	Type 3 All Hazards Incident Management Team	Training	Emergency Management	EM Staff	3/2023	12/2025
Intelligence and Information Sharing	COP/SA	Construct and/or Purchase a Common Operating Picture / Situational Awareness Tool	Equipment & Systems	Emergency Management	EM Staff	3/2023	12/2025
Planning	COOP/BCP	Develop a Continuity of Operations / Business Continuity Plan	Planning	Emergency Management	EM Staff	3/2023	12/2025
Mitigation	THIRA	Conduct a Threat and Hazard Identification Risk Assessment Process	Planning	Emergency Management	EM Staff	3/2023	12/2025
Operational Coordination	Disaster Financial Management	Develop Disaster Financial Management Policies and Procedures	Planning	Jurisdiction Administration	Chief Financial Officer	3/2023	12/2023
Planning	HSEEP-IPP	Homeland Security Exercise and Evaluation Program - Integrated Preparedness Plan	Planning	Emergency Management	EM Staff	3/2023	12/2025
Planning	Functional Exercises	Conduct multiple functional exercises per year based upon THIRA	Exercises	Emergency Management	EM Staff	3/2023	12/2025
Planning	Technology	Evaluate technology to achieve efficiency and effectiveness	Equipment and Systems	Emergency Management	EM Staff	3/2023	12/2025

APPENDIX B: ATTENDANCE ROSTERS

Randolph County, Asheboro NC

Ashley Wilson	Randolph County Public Health
Laura Wall	Mountain Vista Health Park
Gary McGee	Climax Fire Department
Grace Messinger	Piedmont Triad Regional Council
Jamie Brown	Randolph County Sheriff's Office
Chris McCorquodale	Randolph County Emergency Services
Byron Isaacs	Surry County Emergency Management
Bradley Cooper	Randolph County Emergency Services
Travis Dalton	LifeStar Emergency Services
Wendy Kennon	Randolph County Public Health
Jonathan Moody	Randolph County Animal Services
Jay Hanson	Asheboro Police Department
April Grant	Randolph County Public Health
Mandy Shields	American Red Cross
Michael Brienza	THPC
Seth Julian	Randolph County Schools
Sharon Inman	Randolph County Public Health
Virginia Zell	Randolph county Public Health
Joel Wood	NC Emergency Management
Byron Hill	Asheboro PD
Robin Brown	NCEM
Charlotte King	Ulah Fire Department
Diane Harris	Mountain Vista Health Park
James Collins	NCEM
Adam Shull	PTRC
Gary Gallimore	Randolph County Emergency Services
Joni Martin	Mountain Vista Health Park
Sheri Barnes	Ulah Volunteer Fire Dept
Elizabeth Nichols	Randolph County Public Health
Wesley Vann	Randolph County Public Health
Jesse Day	Piedmont Triad Regional Council

Wendy Garner	Mountain Vista Health Park
Connie. Parrish	Randolph County Public Health
David Jones	Archdale Police
Ernie Hall	Randolph County Public Health
David Wagner	Asheboro Police
Cindy Montgomery	Mountain Vista Health Park
Crystal Carpenter	Randolph County Maintenance Department
Dale Brinkley	Randolph County School System
Crystal Spivey	Randolph County Public Health
Pamela Haywood	Disability Advocacy Center
Holden Caviness	City of Asheboro
Pamela Haywood	Disability Advocacy Center

Forsyth County, Kernersville NC

Name	Agency
Emily Austin	Forsyth County Department of Public Health
Joshua Hatton	Bannertown Fire Department
Landon Flood	Alamance County Emergency Management
Conor Baker	Guilford County Emergency Management
Kamilah Pleasants	Forsyth County Dept. Public Health
Matthew Merritt	Novant Health
Joe Barton	Novant Health
Robin Brown	NCEM
Jerry Blue	Novant Health KMC
Chad Higgins	Winston Salem Police Department
Joel Wood	NC Emergency Management
Nicole Priddy	Forsyth County Public Health
Michael Borchers	City of Greensboro
Chandler Byrd	North Carolina State Highway Patrol
Anthony Stewart	Forsyth County Fire Department
Jaron Herring	Randolph County Public Health
Michael Foster	High Point NC
Sherita Sutton	Forsyth County Dept of Public Health
Kevin Turner	Guilford County/City of Burlington Emergency Management
Kenya Hargrave	City of High Point
Jen Price	Trellis Supportive Care
Jake Freeman	Bannertown Fire Department/City of Mount Airy
Alex Stout	GTCC Campus Police
Shree Dorestant	City of Greensboro
Rodney Pierce	Davie County 911 communications
Myron Waddell	LifeStar Emer. Services
Bronson Holland	Compass Health and Rehab
Brooke Thomas	Randolph County Public Health Dept.
DeeAnnah Brantley	Westchester Manor

Peter Watkins	Winston-Salem Police Dept
Matthew Dolge	PTRC
Marlene Kostyrka	Guilford County Emergency Management
Dawn Vallieres	PTRC
Joseph Pitts	Novant Health
Christopher Baker	Bannertown Volunteer Fire Department
Kenny Stewart	UNC Greensboro Emergency Management
Trevor	Forsyth County
John Gallimore	County of Davie
Perry Hall	High Point FD / Bethany FD
Leigha Cordell	Winston Salem/ Forsyth County EM
Mike Gray	GTC
Amanda Landrum raines	Westchester Manor
Carolyn McKinney	Westchester Manor
Terrence Fox	NC SBI
Cindy Trogdon	Randolph County Public Health
Lynsay Saunders	Randolph County Public Health
Ozie Keith Jones	City of Winston-Salem
Shannon G Turner	City of High Point
David Adolphus	Arbor Acres Retirement Community
Brian Barnett	Davie County
Veronica Thomas	Winston-Salem/Forsyth County Schools
Jerry Byers	City of High Point
Frank J Giubileo	Guilford County Security Dept.
Lisa Kelly	Winston Salem Police Dept
David Torres	YVEDDI Public Transportation
Richard B Brown	Novant Health Public Safety FMC
Robert Patterson	City of Burlington Water Resources
Robby Stone	City of High Point
Mitzi Hutchens	YVEDDI
Dawn cutts	Westchester Manor

Josh Bowman	Compass Healthcare and Rehab Hawfields
marguerite davis	Red Cross
Paul "Chip" Ferguson	Alamance County Emergency Management
Darry Groce	Yveddi Transportation
Ramone Johnson	City of Greensboro
Brad Bailey	Alamance County Emergency Management
Robert C Jones	Town of Sedalia
Jason Watlington	Caswell County Emergency Services
Bronson Holland	Compass Health
Paul "Chip" Ferguson	Alamance County Emergency Management

Surry County, Elkin NC

Name	Agency
Lee Wright	City of Mount Airy
Anna Tschorn	Winston Salem Police Department
Allie Willard	Surry County Health and Nutrition Center
Matthew Hardy	Elkin Fire Department
Jonathan Young	Surry County Emergency Management
Olivia Cortez	Surry County Health and Nutrition Center
Byron Isaacs	Surry County Emergency Management
Sara Beaver	Surry County Health & Nutrition Center
Adam Shull	Piedmont Triad Regional Council
David Koehler	Forsyth County Fire Department
Gage J Grueshaber	Pilot Knob Fire Department
Christopher Wall	Surry County Emergency Services
Chrystal J Payne	Winston Salem Police Department
Tiffany Eldridge	Davie County HHS
Samuel Diamont	Winston-Salem Police
James	Eden Fire Department
Justin Welborn	Triad Healthcare Preparedness Coalition
Mickey Boyles	Triad Healthcare Preparedness Coalition
Alan Fowler	City of Winston-Salem/Forsyth County Utilities Commission
Chauncey Bowers	Wake Forest University
Melinda J King	City of High Point
Benjamin Justice	Davie County Department of Health and Human Services
Joel Wood	NC Emergency Management
Tim Dees	City of High Point
Ashley Vaughn	SCHNC
William Rountree	Elkin Emergency Rescue Squad

ELKIN Fire Department
NC Highway Patrol
WS/FC Emergency Management
Winston-Salem/Forsyth County Utilities
Surry County Emergency Services
Dobson Fire
Surry County EM
Winston Salem Police Department
Surry Community College and Surry County
Surry County Health and Nutrition Center
Winston-Salem/Forsyth County Office of Emergency Management
Davie County EMS
Davie County Emergency Management
Surry County Emergency Services
City of High Point
NC Highway Patrol

APPENDIX C RANDOLPH: PARTICIPANT COMMENTS

Strengths

- Communication
- Team working together
- Everyone involved in training
- Gained knowledge and understanding
- Experience w staff
- Team work
- Updating plans
- Communication, reliability
- Plan of action.
- Power and communications contingency
- Our current plan is strong but we did note areas we need to improve and update.
- Teamwork
- Multiple departments in the city to handle specific tasks.
- Relationships, planning, community partners, team building, elected officials support
- Experience of working with local partners
- Standards and Procedures
- Partnerships
- Multi-agency coordination
- Teamwork
- Did a great job. Only thing I can think of is more things like this
- Working together on large incidents
- Relationships and logistics
- Partnerships, experience
- We have good plans in place and great help within the county
- Help me learn more about my agency
- Already have a good, well established plan in place
- Teamwork, resource networking
- Work ethic
- Great questions, scenario, situations
- Communication, comprehensive plans with people and facilities in place
- Good communications
- Great community to work together
- Communication
- Relationships
- Our EP process is well constructed.
- Willingness to collaborate
- Coordination role
- Cover large area /multiple regions

Created an opportunity for a variety of services to collaborate and discuss possibilities

Areas for Improvement

- None
- Have power company and DOT present during exercise
- None
- Communication w partners
- Communication
- Written MOA/MOU
- Making sure our back up plans are stable for our emergency preparedness needs
- Communication with the public, documentation of info, backup resources
- Cross training command staff
- Communication
- Redundant communications equipment.
- Lots of gaps, increase communication, make sure plan is updated and consistent
- Communication between different agencies and communities
- Small workforce
- Fluid communication
- Resource preparedness
- Communication and continuity of operations
- Specific expectations
- Do more of these
- Using resources
- COOP contact list, MOU's with partners
- Pre-planning with mutual aid depts
- Radios system backup, identify additional fuel suppliers.
- Consistent communication
- Get more training with other agencies
- Educational updates for the community who will be involved; review of our back up supplies, food, water, etc.
- Other community stakeholders involved, communication
- Communication, training
- NA
- Addition of another shelter, MOU in place for medically fragile.
- Shelter organization
- More involvement (different organizations)
- Training and education
- Training
- Communication outside facility level. Education for volunteers.
- Communication, long term planning
- Utilizing coordination advantage across geographies, efficiency of resource utilization

- Gain better understanding of where local Govt are in regards EMP, understand what we can do to support region for needs
- Personally, I could use more of what would be expected and assist my agency in a major event in a law enforcement aspect.

Please share any recommendations to improve similar exercises in the future. 22 responses

- None
- Yes
- None everything was great
- None
- More than weather exercises
- Great exercise!
- Breakout groups with all 4 groups represented to deal with certain injects to create better relationships and cooperation.
- Very well done and paced.
- Confirmation emails when registering and sharing presentations via QR code in a Google doc form.
- Good presentation!!
- I enjoyed it
- More training events as such
- Great class
- offer gluten free food option
- All was well done. Kept it moving and forced people to think
- Exercise was a great critical thinker. Interesting to see how all different aspects of community work.
- Would like to see NCDOT at this event
- How engage with businesses or corporations
- If possible, could separate groups a little more during discussion. In any exercise such as this, it is wonderful to hear different views.

APPENDIX C KERNERSVILLE: PARTICIPANT COMMENTS

Strengths

- Communication
- Good networking
- Shelter lists are made, shelter place established
- Set policies and plans already in place
- Communication and partnership.
- Planning

- Regional cooperation
- Staffing, emergency plan
- Relationships, all hazard, realistic
- Great team to lead the exercise ... lots of experience to glean from.
- Willingness to improve
- Administrator that is aware.
- We already have some things in place
- Knowing your Resources
- Outside resources available
- Preparedness
- Ensuring plans and EOP include accommodation for overlooked areas.
- Better prepared by communicating
- Coordination of county agencies
- Preplanning
- People
- Collaboration with partnering agencies
- State EM relationships
- Plans in place
- Interagency/Departmental Coordination
- Having the ability to support emergency services during an emergency/disaster. Having the proper plans in place to support the operations of response by organizations in our local community.
- Emergency power to continue operations during power loss.
- Access to resources
- Strong relationships, leadership involvement, capacity built from COVID response
- Well organized
- Lots of resources
- Communication with other agencies
- About to share ideas
- Technology testing and review
- Good plan already established. Policies in place
- We have a good shelter plan in place
- Equipment availability
- Emergency Response Plan and Grab & Go Binders
- Planning and resources
- Good overall emergency plan
- Working together, using IC command
- Well presented, sufficient facilitators, nice venue
- Communications; individuals know roles
- Good relationship with partners
- Current MOU's and policies in place -strong county EM programs
- Infrastructure information
- Policies and procedures
- Collegial support among partners. We are all seasoned in disaster response by COVID

Community partner involvement

Areas for Improvement

- Communication
- Continuity planning
- Update plans, training staff, roles and responsibilities of staff
- EOP additions
- Knowledge of available resources
- Taking actions on preparedness
- N/A
- Communication resources such as walkie talkies
- Break away rooms
- Coop, BCP
- Pre-planning
- Supplies
- Need to make sure things are updated, making sure all staff are aware of defined roles.
 Define or redefine roles, staffing structures
- Book with resources
- Continual assessment, training, testing and improvement of plans, policies, procedures
- Identify available resources and how to network and contact to obtain when needed.
- Redundant comms
- Resupply
- Develop new partners / improve relationships with existing partners
- In depth staff training for new staff.
- Specify roles, accountability
- Updating contacts and plans
- Policy
- Staff training, communication
- Data tracking/analysis
- Improving recovery documentation. Our agency should look at improving the damage assessment process during the recovery phase.
- Knowing the emergency manager in the area. Preparing team for event success.
- Heads of departments working with each other
- Staff scheduling needs to be planned in advance, clarify role of Public Health nurses in general population shelters, need to train staff and leadership on dept response plans to ensure familiarity
- N/A
- Plan for keeping staff on site for multiple shifts.
- Longer exercise
- Inactive of mixing different agencies
- Coop plans and testing

- Some supplies need to be ordered and obtained. Example walkie talkies, weather radio, etc
- Not all staff are aware of all of the details of the shelter plan. Need staff training on how the shelter will operate for a prolonged event/events of different nature.
- Training
- Training new staff members
- Better community engagement and resilience
- Developing relationships with our county and state resources
- Need to work more with our DOT n other resources
- More time, smaller groups, more depth
- Policies; Continuity of Operations Planning; activities checklist for pre-, during, and postdisaster activities; damage assessment; debris handling
- Assess MOU's, perform similar exercises at the local level. Assess damage assessment
 protocol, partner with key folks that don't typically participate in EOC activities or
 events and train them.
- Cool in the room
- Training and exercises
- Improvement Debris Management Plan, Emergency Response Plan.
- Meet with other agencies for better improvement
- Update preparedness checklists
- Decompression tactics
- We need to make immediate arrangements with Mutual aid partners to have MOU agreements.

Please share any recommendations to improve similar exercises in the future. 38 responses

- N/A
- Smaller groups
- Yes
- N/A
- Good presentation
- Better way to talk in groups for hearing purposes
- Tornado/hurricane/ food event
- Play out/role play the scenario
- Great exercise
- Share the ICS plan and identify roles possibly
- Room was too crowded
- Smaller group activities
- Large area for breakout sessions / audio visuals for the scenarios
- N/A
- I would pull out hospitals and CMS facilities from the other human services agencies and break it into two groups.

- It was loud during the breakouts. It was difficult to hear people in the breakout share their info.
- More time with discussing resources
- Overall great job
- N/A
- None. Great job
- Consider networking for those in different disciplines. There was more opportunity to work with those in similar roles/functions, but it may be beneficial to break these areas up to work in interdisciplinary groups (several in each group from each discipline so we can hear them work through these items as well.
- Food was good and the collaborative environment was beneficial. Thx
- Group participants by jurisdictions represented so they can talk through scenario based on existing plans and priorities in their own jurisdictions
- Bringing our emergency plans and share with other to help and get ideas
- Lots of great information
- Better room layout; it was very difficult to hear and participate in the smaller/breakout groups; most in our group were not hearing the discussion well.
- Allow members of each group to interact and explain each of their resources/capabilities
- Idk
- Tabletop discussion groups could be sectioned off better based on attendance.
- Provide a couple virtual options relevant to nursing homes and ambulatory care that can't come to these exercises as easily.
- None great job
- Hard to hear across the distance of groups in breakouts, use smaller groups or have separate rooms.
- Hard to hear talking in break out groups in groups
- Have specific groups meet, for example transportation providers have tabletop.

APPENDIX C ELKIN: PARTICIPANT COMMENTS

Strengths

- TBD
- Resources, partnerships
- Size of utility, standby power generation
- Strong partnerships with local law enforcement, hospitals, emergency management and fire
- Sheltering plans are in place for this dept.
- Plans and policies
- NA
- Team work

- Planning, communication
- Partnerships
- Improve partnerships and knowledge of other assets
- Mutual aid agreements and points of contact
- Good community
- Good structure and easy to follow
- We'll organized
- How to prepare better for the events just talking with other departments
- Partnerships and Resources
- Having a good staff that's willing to tackle tasks at hand.
- Networking
- Resources or connections to resources, plans
- Multiple agencies working together
- community involvement and communications
- Very realistic scenario, diverse participants, very good discussions from groups.
- Being organized
- Good plans in place
- Manpower
- Town Department Head Meeting weekly
- Wide ranging capabilities and access to resources statewide through a simple phone call
- Involvement between agencies
- Community
- Good communication
- Different points of view
- Good communications
- Community help
- We already have plans in place for similar events.

Areas for Improvement

- Communication
- TBD
- MOUs
- Communication with other cities
- Shelter planning
- Sheltering with no water or sewer
- coordinating with other organizations
- NA
- Planning
- Working in conjunction with others
- Shelter planning
- Improve and update communications
- Bringing all stakeholders together.

- Making connections between community resources
- Coordination. COOP
- None
- Mix groups up so participants gain better perspective through discussion and interaction
- None at this time
- Working together better with other entities
- Documentation and Communication
- Having a better understanding of preparedness plans that involve the community more directly.
- Sharing with others, using our established resources and including them in training exercises, documentation.
- Secondary communication resources, evacuation planning
- Training
- No major recommendations for the exercise itself. However, having NCDOT and private utilities participating would have added more to the exercise.
- Getting out information
- Sharing those plans and communicating with others to make the cohesive plan work
- Manpower
- Checking on facilities to use as shelter, documentation, communications between all agencies involved.
- Staffing to be able to utilize the resources we do have to their full extent
- Finding and promoting interest among other departments
- Sheltering
- Information gathering
- Understanding
- Work on getting more partners involved
- Scenario based training, filling out forms and getting them delivered in a timely manner.
 Making sure information sent out is accurately represented.

Please share any recommendations to improve similar exercises in the future. 25 responses

- Great job!
- NA
- Ice/tornadoes things you can't plan for
- This was great! I would love to hear real life examples or hot wash from a real event
- Great exercise
- None, it was great!
- This is good as it is. Any type of scenario based on a jurisdiction's HVA is helpful.
- None at this time
- Vary groups as mentioned above
- None at this time
- Multiple Day Course

- No recommendations.
- I enjoyed the collaboration with other departments in the community. Public works, health care, EM, emergency services. Continue to hold this and invite other departments so we can all be on the same page.
- Frequency (more often)
- none
- Good job!
- I thought that the injects were well planned and helped me to realize how much more I needed to learn to help the process works better
- Documentation on how to find it and what it's for. Also working supplies issues.
- None at this time excellent training really helped.
- Exercise was well done, maybe more outreach to elected officials and groups not represented to bring them into the discussion
- Summary of group written input
- More time to learn from all involved
- Break down the different sections to help better prepare newer people in EM
- More entities here
- Open lines of communication. Stay in touch with partners

APPENDIX D: PICTURES















