



Purpose

Tetra Tech has prepared these minutes from the February 11, 2014, Steering Committee meeting for the Cook County Multi-Jurisdictional All Hazards Mitigation Plan (HMP). The purposes of the meeting were to review the status of planning partner participation and public outreach efforts, and to complete the Strengths, Weaknesses, Obstacles, and Opportunities session.

Meeting Attendees: Attachment A to these minutes includes contact information for all meeting attendees and Steering Committee members.

Quorum: Yes

Public Comment: There were no public comments.

Handouts: Agenda and Public Information Bulletins 6 and 7.

Discussion Items

1. Welcome and Introductions

- a. Gene Ryan, Cook County Department of Homeland Security and Emergency Management, welcomed everyone, reviewed building rules, and emergency procedures.
- b. Chair Sam Pulia welcomed everyone to the meeting and thanked them for their participation. Chair Pulia requested and received approval of the meeting agenda and the minutes of the November 19, 2013, Steering Committee meeting.

2. Update on Planning Partner Participation and Jurisdictional Annex Workshops

Rob Flaner, Tetra Tech, updated the committee on the status of the planning partners' participation in the planning process to date. The December public meetings were well attended, with approximately 60 people attending each of the three meetings. More than half of the planning partners (69) attended the December public meetings.

The jurisdictional annex workshops were held during the week of January 27 and 114 planning partners participated.

3. Update on Public Outreach Strategy

Rob Flaner stated that we have approximately 650 responses to our public information survey, which is low for a county of this size. He encouraged the committee members to promote the survey as widely as possible and he also stated that there would be more public meetings during the public comment period after the draft HMP was completed.

4. Strengths, Weaknesses, Obstacles and Opportunities (SWOO)

Rob Flaner led the Steering Committee through the brainstorming session wherein the committee members identified and discussed the strengths, weaknesses, obstacles, and opportunities within the planning area for each of the hazards of concern. Dam failure and drought were not discussed during the SWOO. All types of severe weather events were considered together. The results of the SWOO will be used to develop a mitigation catalog to assist the planning partners in completing their jurisdictional annexes.



**Steering Committee Meeting
Tuesday, February 11, 2014**

Please see Attachment B to these minutes "Strengths, Weaknesses, Obstacles, and Opportunities" for the lists developed by the committee.

5. Homework/Action Items for Next Meeting

The Steering Committee homework assignment is to advertise the public information survey.

Next Steps

Tetra Tech

- Rob Flaner will prepare a mitigation catalog based upon the results of the SWOO session. The mitigation catalog will be distributed to the planning partners to assist them in completing their jurisdictional annexes.

Next Steering Committee Meeting

Tuesday, March 25, 2014, 10:00 a.m. to 12:00 p.m.

Cook County Building, 69 W. Washington Street, Chicago, Illinois, Pedway Conference Room

Points of Contact

Gene Ryan, Cook County Subcommittee Co-Chair

312-603-8547

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Dana Curtiss, Cook County Subcommittee Co-Chair

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Susie Park, Cook County Director of Finance

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Rob Flaner, Tetra Tech Lead HMP Planner

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Cook County Department of Homeland Security and Emergency Management
Cook County Multi-Jurisdictional All Hazards Mitigation Plan

Steering Committee Meeting
February 11, 2014

Attachment A
Meeting Attendees
(Steering Committee, Planning Team, and Additional Attendees)



Steering Committee Meeting
Tuesday, February 11, 2014

Steering Committee Members

Name	Agency/Organization	Email	Phone	Present?
Alexander-Maxie, Yvette	American Red Cross	yvette.alexander@redcross.org	312-907-2008	Y
Bennett, Gerald	Southwest Council of Mayors	mayorbennett@paloshillsweb.org	708-598-3400 ext. 101	N
Bunge, Dave	ComEd	david.bunge@comed.com	815-529-1379	N
Bush, Leslie	U.S. Army Corps of Engineers	Not available	Not available	N
Cosme, Michael	Metropolitan Water Reclamation District of Greater Chicago	public.affairs@mwr.org	312-751-6633	Y
Doughtie, Matt	City of Chicago Office of Emergency Management and Communications	mdoughtie@cityofchicago.org	312-746-9462	Y
Dufkis, Leonard	Cook County Forest Preserve District	leonard.dufkis@cookcountyil.gov	708-771-1551	N
Eber, Brian	Illinois Department of Natural Resources, Office of Water Resources	brian.eber@illinois.gov	847-608-3100 ext. 32059	Y
Fowler, Mark	North West Municipal Conference	mfowler@nwmc-cog.org	847-296-9200 ext. 25	Y
Frum, Sandra	North West Municipal Conference	frum@northbrook.il.us	847-272-2816	Y
Gallagher, Jack	Village of Oak Lawn	jgallag@oaklawn-il.gov	708-499-7044	N
Hardin, Tom	Cook County Department of Homeland Security and Emergency Management	thomas.hardin@cookcountyil.gov	312-603-8180	N
Haywood, Dave	MABAS	haywood@mabas-il.org	708-878-5232	Y
James, Neil	West Central Municipal Conference	njames@westcook.org	708-453-9100	N



Steering Committee Members

Name	Agency/Organization	Email	Phone	Present?
Kozak, Scott	U.S. Army Corps of Engineers	Not available	Not available	N
LaFosse, Ricardo	Cook County Bureau of Technology	Ricardo.LaFosse@cookcountyil.gov	Not available	Y
Land, Cameron	U.S. Coast Guard	Cameron.D.Land@uscg.mil	630-986-2155	Y
Lipman, Chris	Cook County Department of Environmental Control	christopher.lipman@cookcountyil.gov	Not available	Y
Lovero, Robert	West Cook Municipal Conference	rlovero@ci.berwyn.il.us	708-788-2567	N
Kilday, Mary	Cook County Department of Transportation and Highways	mary.kilday@cookcountyil.org	312-603-1708	N
Matthys, Janet	Village of Westchester	jmatthys@westchester-il.org	Not available	Y
McCurdy, Kelli	City of Chicago, Office of Emergency Management and Communications	kelli.mccurdy@cityofchicago.org	312-590-5036	Y
Miller, Stacy	U.S. Coast Guard	stacy.l.miller@uscg.mil	630-986-2155	N
Murphy, Barrett	Chicago Department of Water Management	barrett.murphy@cityofchicago.org	Not available	N
Neitzke, Tom	Wheeling Township	tneitzke@wheelingtowship.com	Not available	N
Neubauer, Jason	U.S. Coast Guard	jason.d.neubauer@uscg.mil	630-986-2155	N
Paesel, Ed	South Suburban Mayors and Managers Association	paesel@ssmma.org	708-922-4670	N
Poluck, Bob	U.S. Army Corps of Engineers	Not available	Not available	Phone



Steering Committee Members

Name	Agency/Organization	Email	Phone	Present?
Pulia, Sam	Village of Westchester	spulia@westchester-il.org	708-345-2873	Y
Rajcevich, T.J.	North Shore University Health System	traicevich@northshore.org	Not available	N
Ramaker, Jill	North Shore University Health System	jramaker@northshore.org	847-480-2642	N
Reardon, Jay	Mutual Aid Box Alarm System (MABAS)	reardon@mabas-il.org	847-403-0500	N
Ryan, Gene	Cook County DHSEM	gene.ryan@cookcountyil.gov	312-603-8547	Y
Saewert, Scott	Wheeling Township Commissioner	ssaewert@wheelingtowship.com	847-259-7730 ext. 41	Y
Schaefer, John	South Suburban Public Works Coalition	jschaefer@village.homewood.il.us	708-206-3470	N
Schnoes, Kevin	Cook County Department of Environmental Control	Kevin.Schnoes@cookcountyil.gov	312-533-0374	Y
Sheahan, Terry	Chicago Department of Public Health	terry.sheahan@cityofchicago.org	312-745-3133	Y
Snow, Murray	Village of Oak Park	msnow@oak-park.us	708-358-5488	Y
Williams, Lenny	Illinois Army National Guard	leonard.a.williams8.mil@mail.mil	Not available	N



Planning Team Members

Name	Agency/Organization	Email	Phone	Present?
Anagnostopoulos, Sandy	Tetra Tech, Inc.	sandy.anagnostopoulos@tetrattech.com	312-201-7723	Y
Bianco, Cynthia	Tetra Tech, Inc.	cynthia.bianco@tetrattech.com	973-630-8044	N
Curtiss, Dana	Cook County (DHSEM)	dana.curtiss@cookcountyil.gov	312-603-8191	Y
Derevyanny, Natalia	Cook County (DHSEM)	natalia.derevyanny@cookcountyil.gov	312-603-8286	N
Duren, Eileen	B2B Strategic Solutions	eileen@b2bssi.com	708-439-2220	Y
Fernandez, Elizabeth	Cook County (DHSEM)	elizabeth.fernandez@cookcountyil.gov	Not available	N
Flaner, Rob	Tetra Tech, Inc.	rob.flaner@tetrattech.com	208-939-4391	Y
Graziano, Ron	Cook County DHSEM	ron.graziano@cookcountyil.gov	312-515-7573	N
Mauer, Julie	B2B Strategic Solutions	juliem@b2bssi.com	224-715-8260	Y
O'Toole, Molly	Molly O'Toole & Associates	molly@mollyotoole.com	630-889-9774	Y
Park, Susie	Cook County DHSEM	susie.park@cookcountyil.gov	312-603-8177	N
Schuessler, Ed	Tetra Tech, Inc.	ed.schuessler@tetrattech.com	312-201-7766	N
Studnicka, Kent	Cook County DHSEM	kent.studnicka@cookcountyil.gov	405-436-7123	N
Tilton, Thomas	Cook County DHSEM	thomas.tilton@cookcountyil.gov	312-399-0411	N



Additional Meeting Attendees

Name	Agency	Email	Phone	Present?
Beck, Saul	Ford Heights	Not available	Not available	Y
Smith, Tom	Federal Emergency Management Agency (FEMA)	Thomas.Smith@fema.gov	312-408-5220	Y
Wright, Sherrie	Chicago OEMC	Sherrie.wright@gmail.com	773-814-4993	Y



Cook County Department of Homeland Security and Emergency Management
Cook County Multi-Jurisdictional All Hazards Mitigation Plan

Steering Committee Meeting
February 11, 2014

Attachment B
Strengths, Weaknesses, Obstacles, and Opportunities



Strengths, Weaknesses, Obstacles and Opportunities

Flooding	
<p>Strengths:</p> <ul style="list-style-type: none"> • County • U.S Army of Engineers • Metropolitan Water Reclamation District of Greater Chicago (MWRD) • Predictability • Illinois Department of Transportation (IDoT) • Inter-agency coordination • State floodway regulations • Warning and notification • Mutual Aid Box Alarm System (MABAS) • MWRD small stream maintenance crews • Councils Of Government (COGs) and watershed planning councils • Preparedness (by individuals) • Watershed management ordinance (county-wide) • Participation in Community Rating System (CRS) by some municipalities • History/frequency • Community rebate programs (such as sewer backups) 	<p>Weaknesses</p> <ul style="list-style-type: none"> • Lack of appropriate funding • Lack of flood storage • Significant flood damage outside of floodplain (urban drainage flooding) • Lack of preparedness (by individuals) • Economic diversity of county • Lack of awareness of problems (e.g. people who don't flood don't realize they may still be part of problem) • Zoning codes • High property values (of repetitive loss properties) without enough money to do buyouts • County has not had HMP • Lack of CRS participation by more municipalities • Lack of code enforcement • Lack of trained damage assessment teams • Poor warning and notification measures for some municipalities • Infrastructure • Lack of planning for long duration of event and/or impacts
<p>Obstacles</p> <ul style="list-style-type: none"> • Cost of insurance • Topography and clay base • Unknown impacts of climate change (climate change science) • Infrastructure 	<p>Opportunities</p> <ul style="list-style-type: none"> • Land use decisions (Cook County is in an infiltration area; plan appropriately; e.g. plant appropriate plants) • Redevelopment opportunities • Rain barrels • Promote awareness • Green infrastructure • Buyouts (repetitive loss properties) • Educate politicians • Regional solutions • County HMP and ability/protocol to manage • Increased participation in CRS



Earthquake	
<p>Strengths</p> <ul style="list-style-type: none"> • Not much history • Regional coordination of building officials • County HMP and county coordination 	<p>Weaknesses</p> <ul style="list-style-type: none"> • Not much history • Old building stock of unreinforced masonry (URM) buildings • Lack of awareness • Lack of codes and code enforcement (existing code is not high strength building code) • Infrastructure (pipelines, electrical distribution lines and others tied to places with higher risks) • Pipeline construction (natural gas – loss of function) • Lack of credibility • No warning • Lack of planning for long duration of event and/or impacts
<p>Obstacles</p> <ul style="list-style-type: none"> • Lack of credibility • Infrastructure • Large population • Probability 	<p>Opportunities</p> <ul style="list-style-type: none"> • Awareness • Overlap of risk zones (e.g., flood plain and soft soils with earthquake damage potential) • Completion of county HMP • Regional coordination • Changes to codes and enforcement • “Great central shake out” drill • Preparedness opportunities based on available data



Severe Weather (all types)	
<p>Strengths</p> <ul style="list-style-type: none"> • History/frequency • Awareness • Preparedness • Data accuracy (warning systems and meteorological data/forecasting) • Communication • State programs (including floods and buyouts) • Ability to adapt 	<p>Weaknesses</p> <ul style="list-style-type: none"> • Communication (lack of cooperation with residents, database of contacts) • Infrastructure, especially electrical grid and power outages • Inaccurate data • No uniformity throughout county • History/frequency • Lack of awareness • Lack of planning for long duration of event and/or impacts
<p>Obstacles</p> <ul style="list-style-type: none"> • Computer hacking • Data (always chasing data; why it's changing and what it means) • Social/economic diversity • Special needs populations • Costs of supplies, such as road salt, have economic impacts on municipalities and these impacts can be as severe as responding to the event itself (such as flood response) • Infrastructure 	<p>Opportunities</p> <ul style="list-style-type: none"> • Coordination • Additional warming/cooling centers • Energy assuredness planning • Technologies (emerging) • Communication • Awareness



Tornado	
<p>Strengths</p> <ul style="list-style-type: none"> • History/frequency • Awareness • State code for mobile homes (good enforcement) • Warnings • Basements • Southside “code red” alert system (through southwest central dispatch) • Com Ed alert system (if registered) • Some level of pre-event warning 	<p>Weaknesses</p> <ul style="list-style-type: none"> • History/frequency • Lack of adequate shelters • Old building stock • Regional awareness of history • Elevated power lines • Damage assessment (lack of tasked teams to do post-disaster assessment) • Traditional notification process usually in English only (64 languages at least in county) • Cultural and economic diversity • Lack of institutional preparedness and action • Lack of trust in those who may be sheltering others (e.g., parents going to schools to get kids before tornado) • Not enough communication links to let people know what is being done and how it benefits them • Lack of planning for long duration of event and/or impacts • Large volume of large public assembly facilities • Lack of community-wide planning • Poor infrastructure
<p>Obstacles</p> <ul style="list-style-type: none"> • Social/economic diversity • Multi-lingual county (64+) • Public expectations of government responsibility for response • Infrastructure 	<p>Opportunities</p> <ul style="list-style-type: none"> • Putting power lines underground • Critical facilities planning (e.g., nontraditional shelters) • Update warning signals/sirens • Update other plans • Response training and exercise