



SECTION 3. PLANNING PROCESS

3.1 INTRODUCTION

This section includes a description of the planning process used to update the 2013 Onondaga County HMP, including how it was prepared, who was involved in the process, and how the public was involved. To ensure that the plan meets requirements of the DMA 2000 and that the planning process would have the broad and effective support of the participating jurisdictions, regional and local stakeholders, and the public, an approach to the planning process and plan documentation was developed to achieve the following:

- The plan will be multi-jurisdictional, with the intention of including all municipalities in the County. Onondaga County invited OCWA, all municipalities, and the Onondaga Nation to join with them in the planning process. To date, the county, OCWA and 34 local municipal governments in the County participated in the 2019 planning process as indicated in Table 3-1. The plan will consider all-natural hazards of concern facing the area, thereby satisfying the natural hazards mitigation planning requirements specified in DMA 2000.
- The plan will be developed following the process outlined by the DMA 2000, FEMA regulations, prevailing FEMA guidance, and the 2017 NYS DHSES hazard mitigation planning standard. Following this process ensures that all the requirements are met and support HMP review.

Table 3-1. Participating Onondaga County Jurisdictions

Jurisdictions		
Baldwinsville (V)	Geddes (T)	Pompey (T)
Camillus (T)	Jordan (V)	Salina (T)
Camillus (V)	LaFayette (T)	Skaneateles (T)
Cicero (T)	Liverpool (V)	Skaneateles (V)
Clay (T)	Lysander (T)	Solvay (V)
DeWitt (T)	Manlius (T)	Spafford (T)
East Syracuse (V)	Manlius (V)	Syracuse (C)
Elbridge (T)	Marcellus (T)	Tully (T)
Elbridge (V)	Marcellus (V)	Tully (V)
Fabius (T)	Minoa (V)	Van Buren (T)
Fabius (V)	North Syracuse (V)	Onondaga County Water Authority (OCWA)
Fayetteville (V)	Onondaga (T)	Onondaga County

Note: The Town of Otisco and Onondaga Nation are not participating in the 2019 Update
 T = Town; V = Village, C = City

The Onondaga County HMP update was written using the best available information obtained from a wide variety of sources. Throughout the HMP update process, a concerted effort was made to gather information from municipal and regional agencies and staff, as well as stakeholders, federal and state agencies, and the residents of the county. The HMP Steering Committee solicited information from local agencies and individuals with specific knowledge of certain natural hazards and past historical events. In addition, the Steering and Planning Committees took into consideration planning and zoning codes, ordinances, and recent land use planning decisions. The hazard mitigation strategies identified in this HMP update were developed through an extensive planning process involving local, county and regional agencies, residents, and stakeholders.

This section of the plan describes the mitigation planning process, including (1) Organization of the Planning Process; (2) Stakeholder Outreach and Involvement; (3) Integration of Existing Data, Plans, and Technical





Information; (4) Integration with Existing Planning Mechanisms and Programs; and (5) Continued Public Involvement.

3.2 ORGANIZATION OF THE PLANNING PROCESS

This section of the plan identifies how the planning process was organized with the many planning partners involved and outlines the major activities that were conducted in the development of this HMP update.

3.2.1 Organization of Planning Partnership

Onondaga County applied for and was awarded a multi-jurisdictional planning grant under the FEMA Pre-Disaster Mitigation program (PDMC PL-02 -NY-2016-007), which supported the development of this multi-jurisdictional HMP update.

Project management and grant administration has been the responsibility of the Syracuse-Onondaga County Planning Agency (SOCPA). A contract planning consultant (Tetra Tech, Inc., referred herein as Tetra Tech) was selected to guide the county and participating jurisdictions through the HMP update process. A contract between Tetra Tech and Onondaga County was executed in May 2018. Specifically, Tetra Tech was tasked with the following:

- Assisting with the organization of a Steering Committee and the Planning Partnership.
- Assisting with the development and implementation of a public and stakeholder outreach program.
- Data collection.
- Facilitation and attendance at meetings (Steering Committee, Planning Partnership, municipal, stakeholder, public, and other).
- Review and update of the hazards of concern, hazard profiling, and risk assessment.
- Assistance with the review and update of mitigation planning goals and objectives.
- Assistance with the review of past mitigation strategies progress.
- Assistance with the screening of mitigation actions and the identification of appropriate actions.
- Assistance with the prioritization of mitigation actions.
- Authoring of the draft and final plan documents.

In May 2018, Onondaga County notified all municipalities within the county of the pending planning process and invited them to formally participate. Jurisdictions were asked to formally notify the county of their intent to participate (via a Letter of Intent to Participate) and to identify planning POCs for facilitating municipal participation and representing the interests of their respective communities. Completed Letters of Intent to Participate are provided as Appendix B (Participation Matrix), as available.

To facilitate plan development, Onondaga County developed a Steering Committee to provide guidance and direction to the HMP update effort and to ensure the resulting document will be embraced politically by the constituency within the planning area (refer to Table 3-2). All municipalities participating in the plan update authorized the Steering Committee to perform certain activities on their behalf, via the Letter of Intent to Participate. Specifically, the Steering Committee was charged with the following:

- Providing guidance and oversight of the planning process on behalf of the general planning partnership.
- Attending and participating in Steering Committee meetings.
- Assisting with the development and completion of certain planning elements, including:
 - Reviewing and updating the hazards of concern.
 - Developing a public and stakeholder outreach program.



- Assuring that the data and information used in the plan update process are the best available.
- Reviewing and updating the hazard mitigation goals.
- Identifying and screening of appropriate mitigation strategies and activities.
- Reviewing and commenting on plan documents prior to submission to NYS DHSES and FEMA.

The Steering Committee provided guidance and leadership, oversight of the planning process, and acted as the point of contact for all participating jurisdictions and the various interest groups in the planning area.

Table 3-2. Onondaga County Hazard Mitigation Steering Committee Members

Affiliation	Name	Title
SOCPA	Megan Costa**	Assistant Director for County Planning
	Ilana Cantrell**	Planner
	Don Jordan*	Deputy Director
	Dan Kwasnowski	Director
Onondaga County Department of Emergency Management	Joseph Rinefield	Emergency Management Director / Fire Bureau Director
	Dan Wears*	DEM Commissioner
Onondaga County Department of Water Environment Protection	Chris Kraynak**	Sancommittee, Engineer
	Tom Rhoads	Commissioner
Onondaga County Department of Transportation	Bob Petrovich**	Engineer
	Marty Voss	Commissioner
Onondaga County Water Authority	Geoff Miller**	Deputy Executive Director
	Kelly Caramanna**	Safety Director
	Mike Hooker	Executive Director
Onondaga County Department of Health	Lisa Letteney	Director
Onondaga County Office of the Environment	Travis Glazier	Director
Onondaga County Legislature	Michael Plochocki	Legislator
Onondaga County Parks Department	Bill Lansley	Commissioner
	Lee Klosowski**	Deputy Commissioner
Syracuse Metro Transportation Council	James D'Agostino	Director
	Mario Colone**	Program Manager
	Meghan Vitale**	Principal Transportation Planner
CNY Regional Planning & Development Board	David Bottar Kathy Bertuch**	Program Manager, Environmental Management
New York Power Authority - Canals	Charles Wright	EM Director
NYS Department of Environmental Conservation	Matthew Marko Reggie Parker**	Regional Director Regional Emergency Response Coordinator
Soil & Water Conservation District	Mark Burger	Director
SU Environmental Finance Center	Khristopher Dodson	Associate Director
Association of Towns/LaFayette Town Supervisor	Daniel Fitzpatrick	OCWA Gov. Relations Director/Town Supervisor
Association of Village Mayors/Solvay Mayor	Derek Baichi	Mayor
Association of Village Mayors/East Syracuse Mayor	Robert Tackman	Mayor
City of Syracuse	Mary E. Robison	City Engineer
City of Syracuse Water Department	Joseph Awald Beth Smith**	Commissioner Management Analyst

*Co-Chair

**Alternate Steering Committee Member



Each municipality received a copy of the Planning Partner Expectations, outlining the responsibilities of the participants and the agreement of the partners to authorize the Steering Committee to represent the jurisdiction in the completion of certain planning elements as noted above. Table 3-3 lists the current municipal members of the Planning Partnership at the time of this HMP’s publication. It is noted that the Steering Committee members also are part of the overall project Planning Partnership, fulfilling these responsibilities on behalf of Onondaga County. This planning partnership (Steering and Committee and participating jurisdictions) were charged with the following:

- Represent their jurisdiction throughout the planning process.
- Assure participation of all department and functions within their jurisdiction that have a stake in mitigation (e.g., planning, engineering, code enforcement, police and emergency services, public works).
- Assist in gathering information for inclusion in the HMP update, including the use of previously developed reports and data.
- Support and promote the public involvement process.
- Report on progress of mitigation actions identified in prior or existing HMPs, as applicable.
- Identify, develop, and prioritize appropriate mitigation initiatives.
- Report on progress of integration of prior or existing HMPs into other planning processes and municipal operations.
- Support and develop a jurisdictional annex for their jurisdiction.
- Review, amend, and approve all sections of the plan update.
- Adopt, implement, and maintain the plan update.

Table 3-3. Onondaga County Hazard Mitigation Planning Partnership Members

Jurisdiction	Primary Point of Contact	Title	Alternate Point of Contact	Title
Onondaga County	Ilana Cantrell	SOCPA Planner	Megan Costa	SOCPA Assistant Director for County Planning
Baldwinsville (V)	Steve Darcangelo	Village Engineer	Gregg Humphrey Chuck McAuliffe	Code Enforcement Officer DPW Foreman
Camillus (T)	Paul Legnetto	Highway Superintendent	Mary Ann Coogan	Town Supervisor
Camillus (V)	Patricia J. Butler-Rhoads	Mayor	Thomas Wynn	Police Chief
Cicero (T)	Steve Procopio	Director of Code Enforcement	Mark Parrish	OB&G Engineers
Clay (T)	Mark Territo	Commissioner of Planning & Development	Joseph A. Nicoletti	Highway Superintendent
DeWitt (T)	John J. Anton	Police Chief	Rocco Conte	Highway Superintendent
East Syracuse (V)	Ronald Russel	Department of Public Works	Michael Moracco	Village Clerk
Elbridge (T)	James White	Highway Superintendent	Floyd Duger	Town Councilor
Elbridge (V)	Stephanie Harris	Village Trustee	Bradley Milton	DPW Chief
Fabius (T)	Melanie Villardi	Town Supervisor	Deborah Foster	Councilperson
Fabius (V)	Stephen Sommers	Mayor	Pamela Houck	Clerk
Fayetteville (V)	Mark Olson	Mayor	Michael Jones	Code Enforcement Officer
Geddes (T)	Paul Trovato	Highway Superintendent	William Morse	Engineer
Jordan (V)	Richard M. Platten	Mayor	Patrick Byrnes	DPW Superintendent
LaFayette (T)	Daniel Fitzpatrick	Supervisor	Ralph Lamson	Code Enforcement Officer
Liverpool (V)	William Reagan	Code Enforcement Officer	William Asmus	DPW Superintendent
Lysander (T)	Allen J. Yager	Town Engineer	Joseph P. Saraceni	Town Supervisor



Jurisdiction	Primary Point of Contact	Title	Alternate Point of Contact	Title
Manlius (T)	Doug Miller	Town Engineer	Edmond Theobald	Town Supervisor
Manlius (V)	Paul Whorrall	Mayor	Martha Dygert	Administrator
Marcellus (T)	John Houser	Code Officer	Karen R. Pollard	Town Supervisor
Marcellus (V)	William Reagan	Code Enforcement Officer	Robert Wicks	Police Chief
Minoa (V)	William F. Brazill	Mayor	John H. Champagne	Deputy Mayor
North Syracuse (V)	Gary Butterfield	Mayor	Ed Ware	DPW Superintendent
Onondaga (T)	Benjamin Vincent	Code Enforcement Officer	John Wheatley	Highway Superintendent
Otisco (T)	Not participating.			
Pompey (T)	Carole S. Marsh	Town Supervisor	Rosemarie Bush	Deputy Supervisor
Salina (T)	Colleen Gunnip	Town Supervisor	Doug Wickman	Engineer
Skaneateles (T)	Robert G. Herrmann, Jr.	Code Enforcement Officer	Allan Wellington	Highway Superintendent
Skaneateles (V)	Shannon Harty	Director of Municipal Operations	Daniel Coon	Police Chief
Solvay (V)	Richard A. Penhall	Superintendent of Public Works	Charles Callura	Code Enforcement Officer
Spafford (T)	Christopher Kozub	Town Supervisor	Howard Tanner	Code Enforcement Officer
Syracuse (C)	Mary E. Robison	City Engineer	Russell Houck	Facilities Engineer
Tully (T)	Ralph Lamson	Code Enforcement Officer	Bill Lund	Town Supervisor
Tully (V)	Ralph Lamson	Code Enforcement Officer	Harold Kiehl	Head of Department of Public Works
Van Buren (T)	Jason Hoy	Town Engineer	Doug Foster	Highway Superintendent
OCWA	Geoffrey G. Miller, PE	Deputy Executive Director	Kelly L. Caramanna	Safety Director
Onondaga Nation	Not Participating			

Notes: T = Town; V = Village

The jurisdictional Letter of Intent to Participate identifies the above Planning Partner Expectations as serving to identify those activities comprising overall participation by jurisdictions throughout the planning process. The jurisdictions in Onondaga County have differing levels of capabilities and resources available to apply to the plan update process, and further, have differing exposure and vulnerability to the natural hazard risks being considered in this plan. Onondaga County’s intent was to encourage participation by all-inclusive jurisdictions and to accommodate their specific needs and limitations while still meeting the intents and purpose of plan update participation. Such accommodations have included the establishment of a Steering Committee, engaging a contract consultant to assume certain elements of the plan update process on behalf of the jurisdictions, and the provision of additional and alternative mechanisms to meet the purposes and intent of mitigation planning.

Ultimately, jurisdictional participation is evidenced by a completed municipal annex to the HMP (Section 9) wherein jurisdictions have individually identified their planning POCs; evaluated their risk to the hazards of concern; identified their capabilities to effect mitigation in their community; identified and prioritized an appropriate suite of mitigation initiatives, actions, and projects to mitigate their hazard risk; and eventually, adopted the updated plan via resolution.

Appendix B (Participation Matrix), identifies those individuals who represented the municipalities during this planning effort and indicates how they contributed to the planning process.

Thirty-four of the 35 municipalities in Onondaga County actively participate in the National Flood Insurance Program (NFIP) and have a designated NFIP Floodplain Administrator (FPA). The Village of Fabius does not currently participate in the NFIP. All known FPAs were informed of the planning process, reviewed the plan



documents, and provided direct input to the plan update. Local FPAs are identified in the Points of Contact and Administrative and Technical portions of the jurisdictional annexes in Section 9 (Jurisdictional Annexes).

3.2.2 Planning Activities

Members of the planning partnership (individually and as a whole), as well as key stakeholders, convened and/or communicated regularly to share information and participate in workshops to identify hazards; assess risks; review existing inventories of and identify new critical facilities; assist in updating and developing new mitigation goals and strategies; and provide continuity through the process to ensure that natural hazards vulnerability information and appropriate mitigation strategies were incorporated. All members of the Steering Committee and Planning Partnership had the opportunity to review the draft plan and supported interaction with other stakeholders and assisted with public involvement efforts.

A summary of Steering Committee and Planning Partnership meetings held and key milestones met during the development of the HMP update is included in Table 3-4 that also identifies which DMA 2000 requirements the activities satisfy. Documentation of meetings (e.g., agendas, sign-in sheets, minutes) are in Appendix C (Meeting Documentation). Table 3-4 identifies only the formal meetings held during plan development and does not reflect the planning activities conducted by individuals and groups throughout the planning process. In addition to these meetings, there was a great deal of communication between the county, committee members, and the contract consultant through individual local meetings, electronic mail (email), and by phone.

After completion of the HMP update, implementation and ongoing maintenance will become a function of the planning partnership (Steering Committee and Planning Partnership) as described in Section 7 (Plan Maintenance). The planning partnership is responsible for reviewing the HMP and soliciting and considering public comment as part of the five-year mitigation plan update.

The table below summarizes a list of mitigation planning activities and meetings and their respective participants. A more detailed list of participants for each meeting is provided in Appendix B (Participation Matrix) and Appendix C (Meeting Documentation).

Table 3-4. Summary of Mitigation Planning Activities / Efforts

Date	DMA 2000 Requirement	Description of Activity	Participants
June 25, 2018	1b, 2	Steering Committee #1 Steering Committee Kick-Off Meeting [Data Collection, Review of Mission Statement and Goals, Hazards of Concern Identification, Public Outreach Strategy]	SOCPA, Onondaga County DEM, Syracuse Metro Transportation Council, OCWA, Onondaga County Department of Water Environment Protection, Syracuse University Environmental Finance Center, OCWA, Town of LaFayette, Village of East Syracuse, NYS Canal Corp, CNY Regional Planning & Development Board, City of Syracuse, SWCD, Town of Elbridge, Tetra Tech
June 25, 2018	1b, 2	Planning Partnership #1 – Kick-Off Municipal Kick-Off Meeting and Planning Overview	Onondaga County, Onondaga County Health Department, Town of Clay, Village of Minoa, Village of Tully, Town of Onondaga, Town of Camillus, Town of Marcellus, Village of Manlius, Village of Fayetteville, City of Syracuse, Town of Geddes, Town of Cicero, Village of East Syracuse, Village of Liverpool, Village of Camillus, Village of Marcellus, Village of North Syracuse, Town of Lysander, Town of Salina, Town of Fabius, EDR, Tetra Tech



Date	DMA 2000 Requirement	Description of Activity	Participants
August 8, 2018	1b, 2	Steering Committee #2 Steering Committee Working Group Meeting for Confirmation of Mission statement, goals, and objectives, Hazards of Concern Identification, Strengths, Weaknesses, Obstacles and Opportunities (SWOO) Discussion	CNY Regional Planning & Development Board, SWCD, OCWA, SU Environmental Finance Center, Onondaga County Department of Water Environment Protection, Onondaga County Parks Department, Onondaga County Department of Transportation, Onondaga County Legislature, Onondaga County Department of Emergency Management, City of Syracuse, Syracuse Metro Transportation Council, SOCPA, Tetra Tech
August 8, 2018	2, 4a, 4b, 4c	Local Support Meetings	SOCPA, Town of Pompey, Town of Lysander, Town of Salina, Town of Van Buren, City of Syracuse, EDR, Tetra Tech
September 20, 2018	1b, 2, 3a, 3b, 3c, 3d, 3e	Planning Partnership #2- Risk Assessment Presentation Presentation of risk assessment overview, development of hazard problem statements by community	OCWEP, OC Environment, CNY Regional Planning & Development Board, OCDOT, Town of Marcellus, Town of Elbridge, Village of Solvay, Village of Liverpool, Village of Camillus, Village of Marcellus, Village of Minoa, Village of Tully, Village of Fayetteville, City of Syracuse, Village of East Syracuse, Town of North Syracuse, Town of Tully, Town of Manlius, Town of DeWitt, Village of Baldwinsville, Town of Lysander, Village of Skaneateles, EDR, Tetra Tech
September 20, 2019	1b, 2, 3a, 3b, 3c, 3d, 3e	Steering Committee #3 Conclusion of SWOO (Strengths, Weaknesses, Obstacles, and Opportunities) review, finalization of Goals and Objectives, Risk Ranking Review	CNY Regional Planning & Development Board, OCWA, SOCPA, SU Environmental Finance Center, OC DEM, City of Syracuse, OC DOT, SOCPA, OC Parks Department, Tetra Tech
January 14, 2019	1b, 2, 4a, 4b, 4c	Mitigation Workshop	OC SWCD, OC WEP, Village of Solvay, Town of Clay, Village of Jordan, Town of Van Buren, City of Syracuse, Town of Manlius, Village of Manlius, Town of Fabius, Town of Cicero, Town of Elbridge, Village of Elbridge, Village of Liverpool, Village of Camillus, Town of Marcellus, Village of Marcellus, Town of Camillus, Village of Minoa, Town of Pompey, Town of Onondaga, Town of Lysander, Town of Salina, Village of North Syracuse, Village of Skaneateles, Village of Baldwinsville, Town of LaFayette, Town of Tully, Village of Tully, Town of Lysander, Town of Geddes, Town of Spafford, Town of DeWitt, NYSDHSES, FEMA, EDR, and Tetra Tech
TBD	5	Steering Committee #4 Review of Maintenance Procedures	TBD
TBD	1b, 2, 3, 4, 5	Draft Plan Review	TBD
TBD	1b, 2, 3, 4, 5	Final Plan Review	TBD

Note: TBD = to be determined.

Each number in column 2 identifies specific DMA 2000 requirements, as follows:

- 1a – Prerequisite – Adoption by the Local Governing Body
- 1b – Public Participation
- 2 – Planning Process – Documentation of the Planning Process
- 3a – Risk Assessment – Identifying Hazards
- 3b – Risk Assessment – Profiling Hazard Events
- 3c – Risk Assessment – Assessing Vulnerability: Identifying Assets
- 3d – Risk Assessment – Assessing Vulnerability: Estimating Potential Losses





- 3e – Risk Assessment – Assessing Vulnerability: Analyzing Development Trends
- 4a – Mitigation Strategy – Local Hazard Mitigation Goals
- 4b – Mitigation Strategy – Identification and Analysis of Mitigation Measures
- 4c – Mitigation Strategy – Implementation of Mitigation Measures
- 5a – Plan Maintenance Procedures – Monitoring, Evaluating, and Updating the Plan
- 5b – Plan Maintenance Procedures – Implementation through Existing Programs
- 5c – Plan Maintenance Procedures – Continued Public Involvement

3.3 STAKEHOLDER OUTREACH AND INVOLVEMENT

Stakeholders are the individuals, agencies, and jurisdictions that have a vested interest in the recommendations of the hazard mitigation plan, including all planning partners.

Diligent efforts were made to assure broad regional, county, and local representation in this planning process. To that end, a comprehensive list of stakeholders was developed with the support of the Steering Committee and Planning Partnership. Stakeholder outreach was performed early and throughout the planning process. This HMP update includes information and input provided by these stakeholders where appropriate, as identified in the references.

The following is a list of the various stakeholders that were invited to participate in the development of this plan, along with a summary of how these stakeholders participated and contributed. This summary listing does not represent the total of stakeholders that were aware of and contributed to this HMP update, as outreach efforts were being made, both formally and informally, throughout the process by the many planning partners involved in the effort, and documentation of all such efforts is impossible. Instead, this summary is intended to demonstrate the scope and breadth of the stakeholder outreach efforts made during the plan update process.

3.3.1 Federal Agencies

FEMA Region II: Provided updated planning guidance, provided summary and detailed data from the NFIP (including repetitive loss information), and conducted plan review.

Information regarding hazard identification and the risk assessment for this HMP update was requested and received or incorporated by reference from the following agencies and organizations:

- National Climatic Data Center (NCDC)
- National Hurricane Center (NHC)
- National Oceanic and Atmospheric Administration (NOAA)
- National Weather Service (NWS)
- Storm Prediction Center (SPC)
- U.S. Army Corps of Engineers (USACE)
- U.S. Census Bureau

3.3.2 State Agencies

NYS DHSES: Headquarters and Region II: Administered planning grant and facilitated FEMA review, provided updated planning guidance, and provided review of draft and final HMP.

New York State Department of Environmental Conservation (NYSDEC): Provided data and information.



3.3.3 Onondaga County Departments

Several County departments were represented on the Steering Committee and involved in the HMP update planning process. Appendix B (Participation Matrix) provides further details regarding regional and local stakeholder agencies. All responses to the stakeholder surveys are in Appendix D (Public and Stakeholder Outreach).

Syracuse-Onondaga County Planning Agency (SOCPA): SOCPA provided leadership of the planning process, acting as co-chair of the Steering Committee, providing data, and facilitating communication with plan participants as well as public outreach. Ilana Cantrell, Planner, was identified as the ongoing Onondaga County HMP Coordinator in Section 7 (Plan Maintenance) and served in this role throughout the planning process. In addition, SOCPA provided critical data, assisted with the update of events and losses in the count, updated the previous mitigation strategy, facilitated outreach to jurisdictions and stakeholders, contributed to the county's capability assessment and updated mitigation strategy, and reviewed draft sections of the HMP.

Onondaga County Department of Emergency Management (DEM): Onondaga County DEM was designated to coordinate all emergency management activities, including mitigation, preparedness, response, and recovery input. The mission of Onondaga County DEM is to partner with stakeholders to promote life safety and preservation of property through a progressive cycle of emergency and disaster preparedness, response, recovery, and mitigation.

The Fire Bureau Director and Commissioner of County DEM both served on the Steering Committee throughout the planning process. County DEM provided data including information regarding temporary housing and evacuation routes, facilitated jurisdictional and agency outreach, reviewed sections of the plan, and contributed to the mitigation strategy.

Onondaga County Department of Transportation (DOT): Onondaga County DOT maintains roads and bridges owned by the County and provides engineering services for DOT to maintain county roads and highways. They also issue highway work and access permits; review planning board cases; provide highway, bridge, and drainage design and construction engineering; and support surveying activities. Engineering also provides technical services for highway maintenance activities, prepares right of way maps, acquires rights of way, investigates for litigation, and oversees consultants for bridge design and highway, construction, and construction management contracts.

The road maintenance section of DOT provides maintenance of county roads, culverts, shoulders, rights of way, and bridges. Additionally, the County snow removal program is part of DOT and is responsible for removing snow from the 802 miles of roadways.

Representatives from Onondaga County DOT served on the Steering Committee, participated in meetings, provided input on the mitigation strategy, and reviewed sections of the plan.

Onondaga County Office of the Environment: The Office of the Environment's primary responsibilities include: developing internal county policies and procedures to minimize environmental liabilities/exposures, assisting Onondaga County departments with environmental compliance needs, and coordinating interdepartmental county response to environmental issues/situations. They are also responsible for providing stormwater management to the County and educating the public on different environmental impacts in Onondaga County.

The Office is also responsible for updating and implementing the County's Climate Action Plan. This plan includes a baseline inventory of Onondaga County's carbon emissions, identification of those emissions by



source, and recommendations for improving the County’s greenhouse gas inventory. They assist with finding financing for implementing the recommendations of the plan.

The director and staff served on the Steering Committee, provided information regarding invasive and nuisance species in the County, reviewed sections of the plan, attended meetings, and provided input on the mitigation strategy.

Onondaga County Water Authority (OCWA): OCWA’s primary purpose is to supply water to the residents and businesses in the Central New York Region for the improvement of their health, welfare, and prosperity, in a manner protective of the resource and environment. The executive director and staff served on the Steering Committee, attended meetings, provided input, and reviewed sections of the plan.

Onondaga County Parks Department: The Onondaga County Parks Department provides recreational, cultural, educational, and environmental opportunities in a 6,500-acre system. The commissioner and deputy commissioner both served on the Steering Committee, attended meetings, provided input on the mitigation strategy, and reviewed sections of the plan.

Onondaga County Health Department: The Onondaga County Health Department works to protect and improve the health of county residents. Services provided by the department include: collecting and analyzing health data, tracking diseases, investigating deaths, processing forensic evidence, issuing birth and death certificates, providing volunteer opportunities, and helping residents prepare for public health emergencies.

The Division of Environmental Health works to ensure a safe and healthy environment for residents of Onondaga County. Their duties include inspecting homes for lead, investigating animal bites, protecting the air and drinking water, inspecting restaurants, and ensuring the safety of public pools and beaches. The division also provides information and statistics regarding Lyme disease, rabies, and mosquito-borne illnesses in Onondaga County.

The director of environmental health served on the Steering Committee, attended meetings, provided data and feedback on the mitigation strategy, and reviewed sections of the plan. In addition, the staff consulted to provide input to the draft plan as well as subsequent reviews.

Onondaga County Department of Water Environment Protection (WEP): The Department of WEP protects and improves the water environment of Onondaga County with wastewater treatment, storm water management, and other green programs, including a tree planting program and a free rain barrel program for city residents in eligible areas. WEP also maintains the sewer system for all of Onondaga County outside of the City of Syracuse, Baldwinsville, and North Syracuse.

The commissioner, deputy commissioner, and an engineer from WEP served on the Steering Committee, attended meetings, provided input throughout the planning process, and reviewed sections of the plan.

3.3.4 Regional and Local Stakeholders

Appendix B (Participation Matrix) provides further details regarding regional and local stakeholder agencies. The stakeholders listed below were directly contacted by Onondaga County to take a stakeholder survey, which included the identification of specific mitigation strategies, review of the draft HMP, or both. Results of the surveys are in Appendix D (Public and Stakeholder Outreach). Feedback was reviewed by the Steering Committee and planning partnership and integrated where appropriate in the plan.



Local Emergency Planning Committee

All members of the Local Emergency Planning Committee (LEPC) and Disaster Preparedness Committee were notified of the HMP update process, were invited via email correspondence and meetings to provide input and notified of the draft HMP review period. Refer to Appendix D (Public and Stakeholder Outreach) for copies of the meeting minutes.

Academia

All school districts in the county were provided with the Academic Stakeholder survey, invited to provide input, and notified of the draft HMP review period. Syracuse University provided input to the planning process via the county online stakeholder survey.

Business and Commercial Interests

Businesses and commercial industries in Onondaga County were notified of the stakeholder survey and invited to provide input on the draft HMP. The following provided input to the planning process via the county online stakeholder survey:

- Atlantic Testing Laboratories
- Village of Marcellus

Emergency Services

All state, county, and local emergency service providers (police, fire, EMS) were notified of the Emergency Services stakeholder survey and invited to provide input on the draft HMP. The following provided input to the planning process via the county online stakeholder survey:

- Onondaga County 911
- Onondaga County Sheriff's Office
- Town of DeWitt Police Department
- Western Area Volunteer Emergency Services (WAVES)
- Marcellus Ambulance Volunteer Emergency Services (MAVES)
- Skaneateles Police Department
- Minoa Fire Department
- Liverpool Fire Department
- Town of Manlius Police Department
- Taunton Fire Department
- Lysander Fire
- Jordan Fire Department
- Town of DeWitt Police Department
- Amber Fire Department
- Solvay Fire Department
- DeWitt Fire District
- North West Fire District
- Clay Fire Department
- Manlius Fire
- Phoenix Enterprise Fire Co. #1
- Lakeside Fire District
- Baldwinsville Fire Company



Hospitals and Healthcare Facilities

Hospitals and healthcare facilities located in Onondaga County were invited to take the stakeholder survey and provide input to the planning process. Major facilities were notified of HMP meetings and SUNY Upstate Medical University provided input to the planning process via the county online stakeholder survey.

Highway and Public Works

All state, county, and local highway and public works departments were notified of the Highway and Public Work's stakeholder survey and invited to provide input on the draft HMP. In addition, many of the participating municipalities had representatives from their highway and public works departments representing them on the planning partnership. The following provided input to the planning process via the County online stakeholder survey:

- Onondaga County DOT
- Village of Skaneateles
- Village of Liverpool DPW

Utilities

Utility providers in the county were notified of the Utility Stakeholder survey and invited to provide input on the draft HMP. National Grid attended one meeting and provided input to the planning process into the planning process via the county online stakeholder survey.

Additional Stakeholders

The following stakeholders were identified by the Onondaga County Steering Committee that the draft HMP was available for review and comment:

- Lake Associations

3.3.5 Adjacent Counties

Onondaga County has tried to keep surrounding counties and municipalities apprised of the project and allowed the opportunity to provide input to this planning process. Specifically, the following adjoining and nearby county representatives were contacted in October 2018 to inform them about the availability of the project website, draft plan documents, and surveys, and to invite them to provide input to the planning process.

- Oswego County, New York*
- Madison County, New York
- Cortland County, New York
- Cayuga County, New York*

County indicated by an asterisk (*) provided input to the planning process via the county online stakeholder survey.

3.3.6 Public Outreach

The Steering Committee and Planning Partnership made the following efforts toward public participation in the development and review of the HMP:



- A public project website was developed and is being maintained to facilitate communication between the Steering Committee, planning partnership, public and stakeholders. The public website provides a project overview, county and local contact information, access to the citizen's survey and various stakeholder surveys, and sections of the HMP for public review and comment. Figure 3-1 provides a screenshot of the current website homepage. (<http://www.ongov.net/planning/haz.html>).
- All hazard mitigation planning meetings that were open to the public were advertised on the Onondaga County website.
- An online natural hazards preparedness citizen survey was developed to gauge household preparedness relevant to hazards in Onondaga County and to assess the level of knowledge of tools and techniques to assist in reducing risk and loss of those hazards. The questionnaire asks quantifiable questions about citizen perception of risk, knowledge of mitigation, and support of community programs, as well as several demographic questions to help analyze trends. The questionnaire was posted on the county public website in September 2018 and was available for over four months to facilitate public input garnering over 100 responses. The survey results were sorted by municipality and provided to the Steering Committee and Planning Partnership members to use to identify vulnerabilities and develop mitigation strategies. A summary of survey results is provided in Appendix D (Public and Stakeholder Outreach).
- All participating municipalities were encouraged to distribute the project brochure and post the links to the project webpage and citizen and stakeholder surveys. In addition, all participating municipalities were requested to advertise the availability of the project website via local homepage links, and other available public announcement methods (e.g., Facebook, Twitter, email blasts). Figure 3-2 provides screenshots of example announcements and the following are examples of outreach provided:
 - On September 17, 2018, the Syracuse Metropolitan Transportation Council posted on their Facebook page about the update of the HMP, along with a link to the citizen survey and a copy of the planning process brochure.
 - On September 17, 2018, the Village of Minoa provided a copy of the planning process brochure on their municipal website.
 - On September 19, 2018, Onondaga County government posted on their Facebook page about the plan update, including a link to the HMP webpage on SOCPA's website.
 - On September 25, 2018, the Town of Geddes created a Facebook post about the update of the HMP and provided a link to the citizen survey and a copy of the planning process brochure.
 - Brochures were shared at SOCPA and DEM offices, and at various events.
 - Onondaga County leveraged Twitter to send out targeted messages regarding the planning process and public review periods.
- Three in-person updates of the planning process were provided at both Onondaga County Emergency Preparedness Council and Onondaga County Council on Environmental Health. In addition, SOCPA presented an overview of the project at the Onondaga County Council on Environmental Health Meeting in March 2019.
- Starting in March 2019, draft sections of the plan were posted on the project website for public review and comment. In addition, links were provided to the participating jurisdictions to post on their respective websites.
- Once approved by NYS DHSES/FEMA, the final HMP will be available on the County and municipal websites.



Figure 3-1. Onondaga County HMP Website Homepage

Ben Walsh, Mayor

J. Ryan McMahon, II, County Executive

Syracuse - Onondaga County Planning Agency

How May We Help You? Where Can I Find? Google Custom Search Select Language

- SOCPA Home
- County Planning
- GIS
- Addressing
- City Planning
- City Zoning
- Links
- SOCPA Site Map
- Contact Us

Hazard Mitigation

What is Hazard Mitigation and Hazard Mitigation Planning?

Hazard mitigation is any action taken to reduce the loss of life and property by lessening the impacts of disasters (natural, technological and man-made). It is often considered the first of the four phases of emergency management: mitigation, preparedness, response and recovery. Hazard mitigation is an important step in creating a more resilient community.

Hazard mitigation can take many forms, including capital projects, policies, and education. Proactive mitigation leads to more cost-effective projects. By contrast, reactive mitigation tends to lead to severe damage repair and often more costly fixes; it simply costs too much to address the effects of disasters only after they happen. A surprising amount of damage can be prevented if we can anticipate where and how disasters occur, and take steps to prevent those damages.

The Disaster Mitigation Act of 2000 (DMA 2000) is federal legislation that requires state and local governments to prepare local plans that will evaluate natural hazards and the strategies to mitigate such hazards.

Mitigation & Prevention Preparedness Recovery Response

Click here for more information.

2019 Hazard Mitigation Plan Update has begun. Click here to be added to be notified of upcoming meetings.

Figure 3-2. County and Municipal Outreach Posts

NYS EMT-Basic

September 22 at 3:40 PM

Onondaga County and its municipalities are updating our Hazard Mitigation Plan! Read more about hazard mitigation and what we're doing about it here: <http://www.ongov.net/planning/haz.html>

ONGOV.NET

Syracuse-Onondaga County Planning Agency

Hazard mitigation is any action taken to reduce the loss of life and property by lessening the impacts of disasters (natural, technological and man-made). It is often considered the first of the four phases of emergency management: mitigation, preparedness, response and recovery. Hazard

Like Comment Share

Government Community Services How Do I...?

Town of MANLIUS New York

Home Search

hazard mitigation

1 - 16 of 16 results (9:23 seconds)

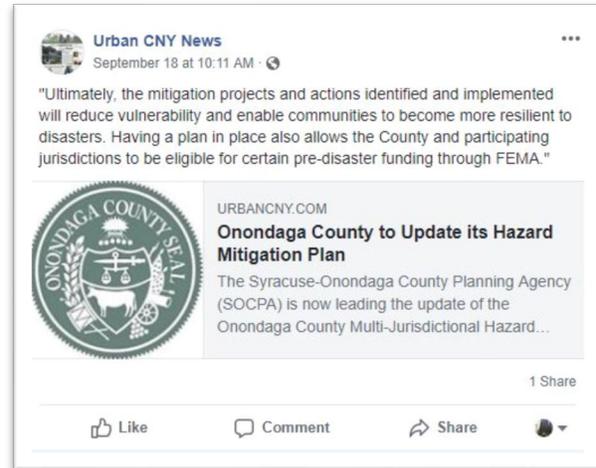
Hazard Mitigation Plan Sep 20, 2018
<http://www.townofmanlius.org/townofmanlius/2018/09/20/hazard-mitigation-plan/>

Where can I view the Flood Hazard Maps? Apr 4, 2018
<http://www.townofmanlius.org/townofmanlius/2018/04/04/where-can-i-view-the-flood-hazard-maps/>

What is the Town of Manlius role in the Flood Hazard Mapping Program? Apr 4, 2018
<http://www.townofmanlius.org/townofmanlius/2018/04/04/what-is-the-town-of-manlius-role-in-the-flood-hazard-mapping-program/>

Stay Informed Citizen Requests Online Forms Recreation Police Department





3.4 INCORPORATION OF EXISTING PLANS, STUDIES, REPORTS AND TECHNICAL INFORMATION

The Onondaga County HMP update strives to use the best available technical information, plans, studies, and reports throughout the planning process to support hazard profiling; risk and vulnerability assessment; review and evaluation of mitigation capabilities; and the identification, development, and prioritization of county and local mitigation strategies.

The asset and inventory data used for the risk and vulnerability assessments are presented in the County Profile (Section 4). Details of the source of this data, along with technical information on how the data was used to develop the risk and vulnerability assessment, are presented in the Hazard Profiling and Risk Assessment Section (Section 5), specifically within Section 5.3 (Data and Methodology), as well as throughout the hazard profiles in Section 5.4 (Hazard Profiles). Further, the source of technical data and information used can be found within Volume I under *References*.

Plans, reports, and other technical information were identified and provided directly by the county, participating jurisdictions, and numerous stakeholders involved in the planning effort, as well as through independent research by the planning consultant. The county and participating jurisdictions were tasked with updating the inventory of their Planning and Regulatory capabilities in Section 9 (Jurisdictional Annexes) and providing relevant planning and regulatory documents, as applicable. Relevant documents, including plans, reports, and ordinances were reviewed to identify the following:

- Existing municipal capabilities.
- Needs and opportunities to develop or enhance capabilities, which may be identified within the County or local mitigation strategies.
- Mitigation-related goals or objectives considered in the review and update of the overall Goals [and Objectives] in Section 6 (Mitigation Strategy).
- Proposed, in-progress, or potential mitigation projects, actions, and initiatives to be incorporated into the updated county and local mitigation strategies.

The following local regulations, codes, ordinances, and plans were reviewed during this process to develop mitigation planning goals, objectives, and strategies that are consistent across local and regional planning and regulatory mechanisms to accomplish complementary and mutually supportive strategies:



- Comprehensive/Master Plans
- Building Codes
- Zoning and Subdivision Ordinances
- NFIP Flood Damage Prevention Ordinances
- Site Plan Requirements
- Local Waterfront Revitalization Plans
- Stormwater Management Plans
- Emergency Management and Response Plans
- Land Use and Open Space Plans
- Capital Plans
- New York State Standard Multi-Hazard Mitigation Plan, 2014

A partial listing of the plans, reports, and technical documents reviewed in the preparation of this plan is included in Table 3-5.

Table 3-5. Record Review (Municipalities) - Record of the review of existing programs, policies, and technical documents for participating jurisdictions (all)

Existing plan, program or technical documents	Date	Jurisdictional Applicability
Town of Camillus Comprehensive Plan (December 2002)	December 2002	Camillus (T)
Town of Camillus Comprehensive Plan (January 2017)	January 1, 2017	Camillus (T)
Chapter 31: Flood Damage Prevention	-	Camillus (T)
Chapter 43: Stormwater Sewer System	-	Camillus (T)
Chapter 45: Water Service	-	Camillus (T)
Chapter 30: Zoning Regulations of the Town of Camillus	-	Camillus (T)
Village of Camillus Ordinances	-	Camillus (V)
Town of Cicero Comprehensive Plan Update (Final Draft, Sept. 2006)	September 2006	Cicero (T)
Chapter 112: Flood Damage Prevention	-	Cicero (T)
Town of Cicero Annual Action Plan	2007	Cicero (T)
Beartrap-Ley Creek Drainage District Study (December 2006)	December 2006	Cicero (T), DeWitt (T), East Syracuse (V), Manlius (T), North Syracuse (V), Salina (T), Syracuse (C)
Town of Clay – Local Waterfront Revitalization Plan (April 2008, draft)	April 2008	Clay (T)
Clay Township Ordinances	-	Clay (T)
Town of Clay Northern Land Use Study 2013	May 1, 2013	Clay (T)
2010 Development Guide for Onondaga County (June 1998)	June 1998	Countywide
Central New York Comprehensive Economic Development Strategy (2005)	2005	Countywide
Framework for Growth in Onondaga County (June 1998)	June 1998	Countywide
Long-Range Transportation Plan – 2007 Update	2007	Countywide



Existing plan, program or technical documents	Date	Jurisdictional Applicability
Managing the Water Resources of the Oswego River Basin in Central New York (USGS Fact Sheet FS-180-99), Rev. February 2002	February 2002	Countywide
Onondaga County Settlement Plan and Pilot Projects (2001)	2001	Countywide
The Essential New York Initiative - Transforming Central Upstate to a Knowledge-Based Economy (February 2004)	February 2004	Countywide
Onondaga County Stormwater Management Plan	-	Countywide
A Management Strategy for Oneida Lake and its Watershed (September 2004)	September 2004	Countywide, Cicero (T)
Town of DeWitt Comprehensive Plan 2016 Update	2016	DeWitt (T)
Town of DeWitt Department of Planning and Zoning 2017 Annual Report	Dec-17	DeWitt (T)
Village of Elbridge Ordinances	-	Elbridge (V)
Main Street Corridor Comprehensive Plan Update	May-15	Elbridge (V)
Hazard Analysis Report – Town of Manlius, Villages of Fayetteville, Manlius, and Minoa	-	Fabius (V), Manlius (T), Manlius (V), and Minoa (V)
Fayetteville Comprehensive Plan – Public Review Draft (June 2008)	June 2008	Fayetteville (V)
Fayetteville Comprehensive Plan Final Draft August 2014 part I and part II Appendices	Aug-14	Fayetteville (V)
Village of Fayetteville Ordinances	-	Fayetteville (V)
Officials of the Town of Geddes Code Book	2016	Geddes (T)
Village of Jordan, New York Comprehensive Plan Greenhouse Gas Inventory Climate Change Action Plan	August 24, 2016	Jordan (V)
Onondaga Creek Conceptual Revitalization Plan – Draft 3 (April 2009)	April 2009	Jordan (V), Onondaga (T), Otisco (T), and Syracuse (C)
Town of LaFayette Disaster Preparedness Plan, December 1993 (August 2003, update)	August 2003	LaFayette (T)
Town of Lafayette Comprehensive Plan Chapter 1: Introduction; Chapter 2: Setting the Scene; Chapter 4: Adoption & Maintenance; Chapter 5: Action Plan Matrix; Maps; and Appendices	August 2012	LaFayette (T)
The Town of Lafayette 1970 Zoning Ordinances	November 10, 2014	LaFayette (T)
Village of Liverpool, NY Comprehensive Plan 2025 (August 2006)	August 2006	Liverpool (V)
Liverpool Village SWMP MS4 Annual Report	May 1, 2017	Liverpool (V)
Liverpool Stormwater Management Program	2017	Liverpool (V)
Engineering Feasibility Study 8181 Bluffview, Manlius	-	Manlius (T)
Manlius Township Zoning	-	Manlius (T)
Village of Manlius Comprehensive Plan	July 10, 2007	Manlius (V)
Town of Marcellus Comprehensive Plan (November 2001)	November 2001	Marcellus (T)
Town of Marcellus New York Zoning Law	October 19, 2009	Marcellus (T)
Village of Marcellus Environmental Quality	-	Marcellus (V)



Existing plan, program or technical documents	Date	Jurisdictional Applicability
Village of Marcellus Stormwater Management	-	Marcellus (V)
Village of Marcellus Zoning Ordinances	-	Marcellus (V)
Village of Minoa Ordinances	-	Minoa (V)
Village of North Syracuse - Comprehensive Plan 2025 (August 2004)	August 2004	North Syracuse (V)
Village of North Syracuse Ordinances	May 10, 2018	North Syracuse (V)
Onondaga Township Master Plan 2017	January 12, 2017	Onondaga (T)
Onondaga Township Zoning	-	Onondaga (T)
A Comprehensive Master Plan for Land Conservation and Use in the Town of Pompey, Onondaga County, New York	March 4, 2013	Pompey (T)
Town of Pompey Zoning	-	Pompey (T)
Town of Salina Ordinances	-	Salina (T)
Code of the Town of Skaneateles	June 9, 2016	Skaneateles (T)
Skaneateles, New York Joint Comprehensive Plan 2015	April 12, 2015	Skaneateles (T) Skaneateles (V)
Skaneateles Code	-	Skaneateles (V)
Village of Solvay Ordinances	-	Solvay (V)
Zoning Code of the Town of Spafford	May 12, 2011	Spafford (T)
Town of Spafford Ordinances	2016	Spafford (T)
City of Syracuse Comprehensive Plan 2025 (January 2005)	January 2005	Syracuse (C)
City of Syracuse Comprehensive Plan 2040 (2012 Plan)	2012	Syracuse (C)
Town of Tully Ordinances	-	Tully (T)
Town of Van Buren – Planning Reference Guide and Comprehensive Plan (May 2002)	May 2002	Van Buren (T)
Town of Van Buren Ordinances	-	VanBuren (T)

Notes: T = Town; V = Village

3.5 INTEGRATION WITH EXISTING PLANNING MECHANISMS AND PROGRAMS

Effective mitigation is achieved when hazard awareness and risk management approaches and strategies become an integral part of public activities and decision-making. Within Onondaga County, there are many existing plans and programs that support hazard risk management, and thus it is critical that this hazard mitigation plan integrate, coordinate with, and complement, those existing plans and programs.

The Capability Assessment section of Section 6 (Mitigation Strategy) provides a summary and description of the existing plans, programs, and regulatory mechanisms at all levels of government (federal, state, county, and local) that support hazard mitigation within the county. Within each jurisdictional annex in Section 9, the county and each participating jurisdiction identified how they integrated hazard risk management into their existing planning, regulatory, and operational/administrative framework (*integration capabilities*) and how they intend to promote this integration (*integration actions*).

A further summary of these continued efforts to develop and promote a comprehensive and holistic approach to hazard risk management and mitigation is presented in Section 7 (Plan Maintenance).



3.6 CONTINUED PUBLIC INVOLVEMENT

Onondaga County and participating jurisdictions are committed to the continued involvement of the public in the hazard mitigation process. This HMP update will be posted online at <http://www.ongov.net/planning/haz.html> and municipalities will be encouraged to maintain links to the plan website. Further, the county will make hard copies of the HMP available for review at public locations as identified on the website.

A notice regarding annual updates of the plan and the location of plan copies will be publicized annually after the Planning Partnership's annual evaluation and posted on the public website at <http://www.ongov.net/planning/haz.html>.

Each jurisdiction's governing body shall be responsible for receiving, tracking, and filing public comments regarding this plan.

The public will have an opportunity to comment on the plan as a part of the annual mitigation planning evaluation process and the next five-year mitigation plan update. The HMP Coordinator is responsible for coordinating the plan evaluation portion of the meeting, soliciting feedback, collecting and reviewing the comments, and ensuring their incorporation in the five-year plan update as appropriate; however, members of the Planning Partnership will assist the HMP Coordinator. Additional meetings may be held as deemed necessary by the Planning Committee to provide the public an opportunity to express concerns, opinions, and ideas about the plan.

Further details regarding continued public involvement are provided in Section 7 (Plan Maintenance).

After completion of this plan, implementation and ongoing maintenance will continue to be a function of the Planning Partnership. The Planning Partnership will review the plan and accept public comments as part of an annual review and as part of five-year mitigation plan updates.

A notice regarding annual updates of the plan and the location of plan copies will be publicized annually after the HMP Committee's annual evaluation and posted on the public website.

Ms. Ilana Cantrell is identified as the Onondaga County HMP Coordinator in Section 7 (Plan Maintenance) and is responsible for receiving, tracking, and filing public comments regarding this plan. Contact information is:

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