

ANHMP Community Specific Action Item Update 2021

Community: Gurnee

Representative & Title: Nicholas Leach, P.E.,CFM Assistant Village Engineer

Action Item	Description	Question:	Response: Please answer all questions. Use additional sheets if needed.
1	Adoption	N/A	N/A
2	Monitor & Maintain	N/A	N/A
3	Incorporate ANHMP in Other Plans	Did your community incorporate goals or action items of the 2017 Update to the ANHMP into other community plans? If so, which plan(s)?	The approval of the Village's comprehensive land use plan has incorporated some of the goals/action items of the 2017 ANHMP. The Village also includes these goals into our capital improvement plan. In 2022 the Village programed in the capital budget to allocate funding for floodplain structure buyouts and drainage system improvements. The Village of Gurnee is committed to minimizing the impact that flooding has on this community and using the resources it has available to achieve this goal.
4	Implement WDO & NFIP	Has your community maintained good standing with the NFIP and continued its responsibilities with the Lake County WDO?	The Village is a certified community and continues to fully implement and enforce the Lake County Watershed Development Ordinance standards and the NFIP floodplain development standards.
5	Public Information	Did your community initiate or continue any public information and education efforts that pertained to severe summer and/or winter storms, floods, or tornadoes during the past year? If so, when and through what format (website, newsletter, etc.) ?	The Village notifies all residents owning property located within the floodplain twice a year in accordance with the CRS program. We share information related to flood protection, insurance, etc. in advance of hazardous events.
6	Alternate Power Sources	Has your community identified or installed alternate power sources (backup generation needs) for your community's critical facilities? Has your community worked with other critical facility owners (e.g., shelter facilities) on backup power issues?	The Village is working toward alternate power sources at critical facilities not yet supplied with generators.
7	Mitigation of Critical Facilities	Did your community investigate or mitigate any an critical facilities (municipal buildings, schools, etc.) that could be impacted by severe summer or winter storms, floods or tornadoes in the past year?	The Village continuously evaluates critical facilities. The Village just finished building a third fire station on the southwest side of town at the intersection of Route 21 and Manchester Drive
8	Capacity of Drainage Systems	Has your community undertaken any projects (study, design or construction) to improve the drainage capacity of the surface water system (channels or pipes) in the past year? If so, please explain.	The Village had limited funding this past year due to COVID budget cuts but was able to improve ditch capacity and conveyance during our road reconstruction projects. In the upcoming budget we will be implementing a culvert replacement project on Grove Avenue to promote better water conveyance. The Village will continue to look for opportunities to improve drainage throughout the Village.
9	Maintain Drainage Systems	Does your community implement formal and regular drainage system inspection and maintenance program? If so, do you have written procedure? If not, has your community considered developing a program?	Usually the Village allocates staff time to perform annual stormwater detention inspections in the summertime. A procedural checklist assures the inspections are consistent and data is tracked in our permitting software which also logs any notices of violation for failed inspections but due to COVID only critical or problem drainage ways were inspected.

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10	Property Protection Projects	<i>Did your community investigate or mitigate any properties that are subject to flood damage or impact of severe summer storms (acquire, elevate, floodproof, or retrofit) in the past year? If so, please explain.</i>	We routinely work with Lake County SMC to procure funding for property acquisition within the floodway. In 2019 three residential properties were approved. In 2020, two of the three properties were ready for demolition. In the beginning of 2021 two properties were demolished.
11	Reduce Inflow and Infiltration	<i>Has your community undertaken any programs or projects (study, design or construction) to reduce inflow or infiltration into your combined sewer system? If so, please describe.</i>	The Village lacked funding and staff time available to identify infiltration and inflow to protect against sewer backups but the Village still offers it's Sanitary Sewer Mitigation Program for residents. The program offers financial assistance to residents to remove the below grade sewer drain and install sanitary ejector system.
12	Wind Mitigation & Safe Rooms	<i>Did your community identify or undertake any wind mitigation projects for the protection of buildings, or provided safe rooms and sheltering? If so, please describe.</i>	There were no new wind mitigation or safe room projects.
13	Tree City USA	<i>Is your community continuing its participation in Tree City USA? Or, has your community joined, or has your community considered joining, Tree City USA?</i>	The Village of Gurnee continues participating in Tree City USA.
14	NIMS Compliance	<i>Are officials in your community NIMS compliant?</i>	The GFD Training Officer has been working with all Village Departments to meet the NIMS training requirements. Entry level employees must complete IS-700 and ICS 100. First-line / Field Supervisors must complete IS-700, ICS-100 and ICS-200. Middle Management must complete IS-700, IS-800, ICS-100, ICS-200 and ICS-300. Command and General Staff must complete IS-700, IS-800, ICS-100, ICS-200, ICS-300 and ICS-400.
15	Improve Building Codes	<i>Has your community made any revisions to adopted building codes in the past year? Any change in your community's BCEGS rating?</i>	The Village accepted the 2018 ICC. (international code council)
16	Seek Grant Funding	<i>Did your community investigate or mitigate any properties that are subject to flood damage from the impact of severe summer storms (acquire, elevate, floodproof, or retrofit) in the past year? If so, please describe.</i>	The Village routinely works with Lake County SMC to procure funding for property acquisition within the floodway.
17	StormReady	<i>Is your community a StormReady community, or have you considered becoming a StormReady community?</i>	The Village is StormReady
18	Emergency Response	<i>Has your community developed or made revisions to its emergency response efforts and assessment teams for emergency management response, health department concerns and post-disaster mitigation?</i>	Department Heads and Staff complete annual reviews of emergency operations plans for each Village facility. Training sessions including fire drills have been conducted. Safe rooms, evacuation routes and outdoor meeting locations have been designated and discussed as part of the training with current and new employees. For visitors, evacuation maps are posted and have been updated if necessary. The Village reverse 911 system, radio, cell phones are utilized to advise Village employees in the field of exposure to an impending hazardous event.

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19	Response & Recovery Information	<i>Has your community implemented or made revisions to systems to help ensure coordination of response and recovery efforts during and after natural hazard events? Has your community identified or implemented additional training opportunities (annual exercises and/or table top exercises)? If so, please describe.</i>	<p>With every storm event we look for opportunities to improve our response. The Village is dedicated to ensuring the most efficient response and recovery efforts possible in the event of a natural disaster. The Fire Department continues to play an active role in these efforts by participating monthly meetings of the Lake County Fire Departments and in local emergency management committees, which provide opportunities to develop information sharing system in advance of an event. Further, the Department continues to hold semi-annual reviews of the local park and school districts' emergency operations plans.</p> <p>As in prior years, the Village's Fire, Police and Public Works Departments continue to maintain mutual aid agreements with other neighboring jurisdictions.</p> <p>GFD continues to participate in monthly meetings of the Lake and McHenry County Fire Departments. This includes our local and county emergency management coordinators and committees. The GFD continues to participate in semi-annual meetings with Warren High School District 121, Woodland School District 50, Gurnee School District 56 and the Gurnee Park District to review their individual emergency operation plans.</p> <p>The GFD participates in monthly MABAS (Mutual Aid Box Alarm System) Division 4 (Lake County) meetings. The Department reviews all automatic aid and mutual aid agreements annually.</p>
20	CRS Participation	<i>Any change in your CRS class since last year?</i>	The Village of Gurnee continues to participate in the CRS to obtain flood insurance premium discounts for property owners in the community. We maintain our Class 6 rating.
23	Development of Flood Stage Maps	<i>Did your community develop flood stage and inundation maps for floodplain areas? If so, please describe.</i>	The Village utilizes its GIS system to map flood elevations, which guides our response with respect to critical road closures and evacuation of critical structures.
24	Snow removal plan	<i>Did your community develop or enhance a snow removal plan? If so, please describe.</i>	Every year the Gurnee Public Works Department re-evaluates the Snow Response Plan.