Champaign County (Townships & Unincorporated Areas) Mitigation Strategies 2018

Goal 1 – Dam Failure: Champaign County will work to ensure all dams and reservoirs are well maintained and limit			
the risk to the community.			
1.1 The County will ensure that dams have emergency plans that identify inundation areas and facilitate for emergency			
actions in the case of a serious failure.			
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP			
Goal 2 – Drought/Extreme Heat: Champaign County will assess the reliability of water supplies during drought and			
extreme heat.			
2.1 The County will advocate and support the hardening of water supply infrastructure to include alternate sources of			
water and protection of treatment plants and distribution systems.			
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP			
2.2 The County will establish water conservation procedures for implementation in drought conditions.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
Goal 3 - Earthquake: Champaign County will assess damage potential from earthquakes and establish a safety plan for			
residents.			
3.1 The County will identify the structures and infrastructure that would likely be damaged or destroyed in an			
earthquake of moderate to severe magnitude.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
Goal 4 – Flood: Champaign County will work to reduce flooding and limit loss of life or injury and property damage			
caused by flooding.			
4.1 The County will require construction of water control structures (reservoirs, retention/detention ponds, dams,			
levees, dikes, floodwalls, etc.) to prevent flooding of properties.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.2 The County will acquire, demolish, and/or retrofit flood-prone structures.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.3 The County will clear debris, fallen trees, excess sediment, and other obstructions from waterways to improve flow.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.4 The County will work with watershed or conservancy districts and other jurisdictions that share an interest in			
waterways to facilitate cleaning, maintaining, and eliminating problems.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.5 The County will utilize natural habitat creation and/or use of vegetative buffers inside waterways to slow the rapid			
flow of floodwater and/or hold excess storm water.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.6 The County will maintain and enforce floodplain, zoning, and building regulations to manage development in flood-			
prone areas.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.7 The County will maintain participation in NFIP and engage in floodplain management activities to support flood			
prevention.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.8 The County will conduct a public awareness campaign for individual flood insurance awareness.			
4.9 The County will procure adequate temporary or changeable signs to mark flooded roadways quickly. Complete Delete On Schedule Delayed Include in 2024 HMP			
4.10 The County will improve and repair roadways and berms damaged by rapid runoff and heavy precipitation.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.11 The County will work with railroads to identify a means to repair and improve railroad owned bridges, culverts, and			
abandoned tracks and keep them clear of debris and abandoned equipment.			
Complete Delete On Schedule Delayed Include in 2024 HMP			
4.12 The County will identify and implement methods to collect debris in runoff water before it clogs ditches, streams,			
culverts, and other waterways.			
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP			

4.13 The County will protect banks and land near waterways from deterioration due to rapid or excessive flow by				
planting stream bank vegetation, installing dormant woody stakes and posts, planting trees, shrubs and grasses alon	g			
banks and berms, or using deflectors to prevent deterioration, or other similar methods to accomplish the same.				
Complete Delete On Schedule Delayed Include in 2024 HMP				
4.14 The County will utilize biotechnical methods (placement of willow posts, hardwood tree plantings, fascines, bru	sh			
layering, evergreen revetments, log revetments, tree kickers, lunker structures, or placed rocks as examples) to				
minimize the deterioration or destruction of stream banks due to excessive flow.				
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP				
4.15 The County will manage stream flow through channel, sedimentation, debris and obstruction, and stream ecolo	gy			
management practices.				
Complete Delete On Schedule Delayed Include in 2024 HMP				
4.16 The County will utilize stream bank protection measures such as gabion revetments, riprap revetments, and cri	כ			
walls, and other structural methods to protect the banks and berms.				
Complete Delete On Schedule Delayed Include in 2024 HMP				
4.17 The County will require developers and/or construction crews in urban development zones to use tools such as				
chemical stabilization, compost blankets, geotextiles to control soil deterioration, mulching of new plantings, seedir	g			
and sodding of areas highly vulnerable to rapid surface runoff, installation of grass lined channels, slope diversion fo	r			
surface runoff, and other methods to reduce the damages to land and property due to heavy and rapid surface runo	ff			
or drainage from rainfall or other precipitation or draining water.				
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP				
4.18 The County will encourage the use of eco-friendly green materials and practices in development, such as green				
parking policies, green roof materials, and alternate paving materials that promote absorption instead of runoff.				
Complete Delete On Schedule Delayed Include in 2024 HMP				
4.19 The County will protect soil quality by advocating for crop rotation, crop residue management, contour buffer				
strips, contour farming and strip-cropping, use of cover crops, installation of field borders, rotation grazing, pasture				
planting, establishment of grassy waterways, grade stabilization structures, water and sediment control basins, critic	:al			
area planting, diversion, terracing, manure storage and runoff control, nutrient management, pest management, we	II			
abandonment, riparian buffers, wetland restoration, windbreaks, woodlot management, tree planting, and creation	οf			
upland wildlife habitat on farmland inside, adjacent to, or near incorporated County property.	O1			
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP	01			
4.20 The County will encourage management of surface runoff and chemical residue through techniques such as				
installation of grassy waterways, creation of infiltration basins and trenches, porous pavement installation, filtration				
techniques like use of catch basin inserts, sand and organic filters, rain gardens and vegetated filter strips.				
Complete Delete On Schedule Delayed Include in 2024 HMP				
Complete Delete On Schedule Delayed Include in 2024 HMP				
Complete Delete On Schedule Delayed Include in 2024 HMP Goal 5 – Hazardous Materials Incident: Champaign County will work to lessen both the number of spills, leaks, and releases from hazardous materials sources, as well as lessen the damages from such incidents. 5.1 The County will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of the county will ensure signage.				
Complete Delete On Schedule Delayed Include in 2024 HMP Goal 5 – Hazardous Materials Incident: Champaign County will work to lessen both the number of spills, leaks, and releases from hazardous materials sources, as well as lessen the damages from such incidents.				
Complete Delete On Schedule Delayed Include in 2024 HMP Goal 5 – Hazardous Materials Incident: Champaign County will work to lessen both the number of spills, leaks, and releases from hazardous materials sources, as well as lessen the damages from such incidents. 5.1 The County will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of the county will ensure signage.				
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Complete Delete On Schedule Delayed Include in 2024 HMP Goal 5 – Hazardous Materials Incident: Champaign County will work to lessen both the number of spills, leaks, and releases from hazardous materials sources, as well as lessen the damages from such incidents. 5.1 The County will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of vehicle accidents due to unsure routes of travel. Complete Delete On Schedule Delayed Include in 2024 HMP 5.2 The County will advocate for funding for and conduct of additional first responder training to prepare responder highway hazardous materials incidents and pipeline and rail incidents. Complete Delete On Schedule Delayed Include in 2024 HMP 5.3 The County will collaborate with entities that bring new hazardous substances to communities through construct of additional highways, railroads, or pipelines for first responder training.	of s for			
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Complete Delete On Schedule Delayed Include in 2024 HMP Goal 5 – Hazardous Materials Incident: Champaign County will work to lessen both the number of spills, leaks, and releases from hazardous materials sources, as well as lessen the damages from such incidents. 5.1 The County will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of vehicle accidents due to unsure routes of travel. Complete Delete On Schedule Delayed Include in 2024 HMP 5.2 The County will advocate for funding for and conduct of additional first responder training to prepare responder highway hazardous materials incidents and pipeline and rail incidents. Complete Delete On Schedule Delayed Include in 2024 HMP 5.3 The County will collaborate with entities that bring new hazardous substances to communities through construct of additional highways, railroads, or pipelines for first responder training. Complete Delete On Schedule Delayed Include in 2024 HMP Goal 6 – Invasive Species: Champaign County will lessen the cost of plant debris caused by invasive species that wea and destroy trees that cause large amounts of debris requiring removal after storms.	of s for cion			

6.2 The County	will work to cle	ear public and priv	ate areas of de	ad or diseased trees that will easily be damaged by wind
events and cau	se destruction	of other property.		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Goal 7 – Land S	ubsidence: Cha	impaign County wi	II reduce the ri	sk of property damage due to land subsidence in at-risk
areas.				
-				erosion and sedimentation along riverbanks, ditch olonged precipitation.
	Delete	On Schedule		Do Not Include in 2024 HMP
Complete			Delayed	ic and accurate mapping of karst areas in Champaign
				types, as well as identifying abandoned and functioning
-	_	_		arst locations and predict where sink holes or other
	lems are likely t		itely lucitilly ke	and locations and predict where sink holes of other
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
				nental and water quality advocates to more accurately
-	•			ork together to adequately and effectively prevent
	of the groundw		source, and we	in together to adequately and effectively prevent
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
				npaign County will lessen the damages suffered from
				d, hail, and lightning.
				afe rooms for single- and multi-family homes and
-				complexes, and mass gathering facilities.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
-	will repair or re			d-resistant materials (i.e. metal roofing, siding, etc.) to
	ge due to wind			(3, 3, 7
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
8.3 The County	will develop ag	greements for eme	rgency shelter	s to be used for a variety of disaster-related purposes
during severe s	torms and/or e	vacuations.		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
8.4 The County	will research a	nd identify resource	ces for affordal	ole debris disposal after storms, possibly through
creation of spe	cial funding to p	pay for landfill fees	s or finding faci	lities that will receive debris for reduced rates.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
8.5 The County	will establish, r	maintain, improve	, and/or promo	te public warning and notification systems (reverse 911,
opt-in systems,	outdoor warni	ing sirens, etc.).		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
-		mmunity education	n about protec	tive actions, evacuation procedures, and other disaster
preparedness i	nformation.		_	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
	will advocate f			e insurance coverage (homeowners, renters, flood, etc.).
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
-	will maintain b high-risk areas		s and land-use	planning practices that encourage responsible
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
· · · · · · · · · · · · · · · · · · ·	L			ctional county-wide public safety communication system
-		iscipline and multi-		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
· · · · · · · · · · · · · · · · · · ·				n systems by adding outdoor warning sirens, developing
	-	by enhancing public		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				lities (distribution lines, generating plants, and other
system compoi	-	and support the h	aracining or uti	mices (distribution lines, generating plants, and other
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
complete	Defett	On Schedule	Delayea	HIGIAGE III ZOZT IIIVII

	· · · · · · · · · · · · · · · · · · ·	•	itility resource	s for use when primary source is compromised
(generators, red	undant supplie			
Complete	Delete	<mark>On Schedule</mark>	Delayed	Include in 2024 HMP
		-	•	e the safety of the water supply whether it is sourced
•		privately-owned v		
•		•	o water treatn	ment plants, including enhanced testing and monitoring
and improved tr	eatment capab	oilities.		
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
•				causes of water quality issues, including but not limited to
	ng and analysis	, contamination tr	acing, and con	servation practice implementation.
<u>Complete</u>	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
9.3 The County v	will advocate fo	or study of runoff	from residentia	al properties, including but not limited to lawn chemicals
and other incide	ntal threats.			
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
9.4 The County v	will work for ea	irly and pro-active	collaboration	between jurisdictions regarding spills or leaks into the
water supply thr	ough seepage	into wells, aquifer	s, reservoirs o	r waterways that will eventually affect local water
quality.				
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
9.5 The County v	will advocate fo	or and support the	implementati	on of regulations and supportive programs that help
farmers manage	manure and w	aste from concen	trated animal	feeding facilities in the interest of protecting the
groundwater and	d waterways fr	om contamination	າ.	
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
9.6 The County v	will support the	e implementation	of measures to	o manage distressed watersheds in the county and
•		•	mplement the	se regulations and measures while maintaining the
agricultural ecor	nomic well-beir	ng.		
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
9.7 The County v	will support stu	idies that identify	the complete of	discovery of water resource contamination, including
analysis of pract	ices by industr	ial, personal use, r	manufacturing	, and agricultural communities.
Complete	Delete	On Schedule	Delayed	Do Not Include in 2024 HMP
Goal 10 – Winte	r Storms: Chan	npaign County will	lessen damag	es suffered from severe winter storms and blizzards.
10.1 The County	will work to p	low and clear cour	nty-maintained	d roadways to facilitate emergency traffic, necessary
travel, and busin	iess access.			
Complete	Delete	<mark>On Schedule</mark>	Delayed	Include in 2024 HMP
10.2 The County	will develop c	ollaborative effort	s with environ	mental and water quality advocates to more accurately
determine risk to	o groundwater	resources in the o	county and wo	rk together to adequately and effectively prevent
contamination o	f the groundw	ater through snow	removal and	salting of icy roads.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP

Table 3-4: Christiansburg Mitigation Strategies

_	urg will assess the reliability of water supplies during drought and			
extreme heat.				
1.1 The Village will advocate and support the hardening of water supply infrastructure to include alternate sources of water and protection of treatment plants and distribution systems.				
	T			
	,			
	s damage potential from earthquakes and establish a safety plan for			
residents.	d information at the top of district to a demonstration of the con-			
	d infrastructure that would likely be damaged or destroyed in an			
earthquake of moderate to severe magnitude.				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
	duce flooding and limit loss of life or injury and property damage caused by			
flooding.				
	ater control structures (reservoirs, retention/detention ponds, dams,			
levees, dikes, floodwalls, etc.) to prevent flood				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
3.2 The Village will acquire, demolish, and/or r				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
	excess sediment, and other obstructions from waterways to improve flow.			
Complete Delete <mark>On Schedule</mark>	Delayed Include in 2024 HMP			
3.4 The Village will utilize natural habitat creat	ation and/or use of vegetative buffers inside waterways to slow the rapid			
flow of floodwater and/or hold excess storm w	water.			
Complete Delete On Schedule	Delayed Do Not Include in 2024 Updated Plan			
3.5 The Village will maintain and enforce flood	dplain, zoning, and building regulations to manage development in flood-			
prone areas.				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
3.6 The Village will maintain participation in N	NFIP and engage in floodplain management activities to support flood			
prevention.				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
3.7 The Village will improve and repair roadwa	rays and berms damaged by rapid runoff and heavy precipitation.			
Complete Delete On Schedule	Delayed Include in 2024 HMP			
	iansburg will work to lessen both the number of spills, leaks, and releases			
from hazardous materials sources, as well as le	- · · · · · · · · · · · · · · · · · · ·			
	ys and roadways is clear and easy to follow to decrease the likelihood of			
vehicle accidents due to unsure routes of trave				
Complete Delete On Schedule	Delayed Do Not Include in 2024 Updated Plan			
	and conduct of additional first responder training to prepare responders for			
highway hazardous materials incidents and pig				
Complete Delete On Schedule	Delayed Include in 2024 HMP			
<u> </u>	lessen the cost of plant debris caused by invasive species that weaken and			
destroy trees that cause large amounts of deb				
	ition on public/jurisdiction property and advocate for the same on private			
_	thorion public/jurisalction property and advocate for the same on private			
property. Complete Delete On Schedule	Dolayed Include in 2024 HMD			
	Delayed Include in 2024 HMP			
	rivate areas of dead or diseased trees that will easily be damaged by wind			
events and cause destruction of other propert Complete Delete On Schedule				
·	Delayed Include in 2024 HMP			
_	reduce the risk of property damage due to land subsidence in at-risk			
areas.				

6.1 The Village will encourage the development of more specific and accurate mapping of karst areas in Champaign County that interfaces the geologic characteristics with the soil types, as well as identifying abandoned and functioning wells and mines of various types, to more accurately identify karst locations and predict where sink holes or other structural problems are likely to occur. Delete On Schedule Hazard Not Included in Updated Plan Complete Delayed Goal 7 – Severe Thunderstorm, Tornado, and Windstorm: Christiansburg will lessen the damages suffered from windstorms or severe thunderstorms, including heavy rain, wind, hail, and lightning. 7.1 The Village will advocate and support the construction of safe rooms for single- and multi-family homes and congregate facilities, including mobile home parks, apartment complexes, and mass gathering facilities. Complete Delete On Schedule Delayed Include in 2024 HMP 7.2 The Village will develop agreements for emergency shelters to be used for a variety of disaster-related purposes during severe storms and/or evacuations. Complete Delete On Schedule Delayed Include in 2024 HMP 7.3 The Village will research and identify resources for affordable debris disposal after storms, possibly through creation of special funding to pay for landfill fees or finding facilities that will receive debris for reduced rates. Delete On Schedule Delayed Include in 2024 HMP 7.4 The Village will establish, maintain, improve, and/or promote public warning and notification systems (reverse 911, opt-in systems, outdoor warning sirens, etc.). Complete Delete On Schedule Delayed Include in 2024 HMP 7.5 The Village will provide community education about protective actions, evacuation procedures, and other disaster preparedness information. Complete Delete On Schedule Delayed Do Not Include in 2024 Updated Plan 7.6 The Village will maintain building regulations and land-use planning practices that encourage responsible development in high-risk areas. Complete Delete On Schedule Delayed Include in 2024 HMP 7.7 The Village will work to develop a local, affordable and functional county-wide public safety communication system with the capability for multi-discipline and multi-jurisdictional communication. Delete On Schedule Include in 2024 HMP Delayed 7.8 The Village will work to fill gaps in warning and notification systems by adding outdoor warning sirens, developing reverse 911 capabilities, and by enhancing public notification processes. Delete On Schedule Delaved Include in 2024 HMP 7.9 The Village will advocate and support the hardening of utilities (distribution lines, generating plants, and other system components). On Schedule Include in 2024 HMP Complete Delete Delayed 7.10 The Village will identify alternate/back-up utility resources for use when primary source is compromised (generators, redundant suppliers, etc.). On Schedule Delayed Include in 2024 HMP Complete Delete Goal 8 – Water Quality: Christiansburg will work to improve the safety of the water supply whether it is sourced from private wells or public or privately-owned water treatment systems. 8.1 The Village will advocate for additional research into root causes of water quality issues, including but not limited to runoff monitoring and analysis, contamination tracing, and conservation practice implementation. Delete Complete On Schedule Delayed Hazard Not Included in Updated Plan Goal 9 - Winter Storms: Christiansburg will lessen damages suffered from severe winter storms and blizzards. 9.1 The Village will work to plow and clear village-maintained roadways to facilitate emergency traffic, necessary travel, and business access. Complete Delete On Schedule Delayed Include in 2024 HMP

Mechanicsburg Mitigation Strategies

Goal 1 – Droug	ght/Extreme H	eat: Mechanicsbur	g will assess the	reliability of water supplies during drought and
extreme heat.				
1.1 The Village	will advocate	and support the ha	rdening of wate	r supply infrastructure to include alternate sources of
water and pro	tection of treat	ment plants and d	istribution syster	ms.
Completed	Cancelled	On Schedule	Delayed	Include in 2024 HMP
Goal 2 - Earth	quake: Mechan	nicsburg will assess	damage potent	ial from earthquakes and establish a safety plan for
residents.				
2.1 The Village	will identify th	e structures and ir	nfrastructure tha	t would likely be damaged or destroyed in an
	moderate to se	evere magnitude.		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
	: Mechanicsbur	rg will work to redu	uce flooding and	limit loss of life or injury and property damage caused
by flooding.				
_	•			res (reservoirs, retention/detention ponds, dams,
		to prevent floodir		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				ges, culverts etc.) where necessary to reduce flooding.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.3 The Village	will acquire, d	emolish, and/or re	trofit flood-pron	e structures.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.4 The Village	will consider c	hannel diversion o	r modification (c	leepening or widening) to re-route water or increase
capacity and r	educe flooding.			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.5 The Village	will clear debr	is, fallen trees, exc	ess sediment, ar	nd other obstructions from waterways to improve flow.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.6 The Village	will work with	watershed or cons	servancy districts	s and other jurisdictions that share an interest in
waterways to	facilitate cleani	ng, maintaining, ar	nd eliminating pr	oblems.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.7 The Village	will utilize nat	ural habitat creation	on and/or use of	vegetative buffers inside waterways to slow the rapid
flow of floodw	ater and/or ho	ld excess storm wa	iter.	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.8 The Village	will maintain a	and enforce floodp	lain, zoning, and	building regulations to manage development in flood-
prone areas.				
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.9 The Village	will maintain p	participation in NFI	P and engage in	floodplain management activities to support flood
prevention.				
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.10 The Villag	ge will conduct		campaign for in	dividual flood insurance awareness.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
			and/or replace st	orm sewers and related systems and increase culvert
	ge spans to imp			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
	ge will improve		-	maged by rapid runoff and heavy precipitation.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.13 The Villag	ge will identify a	and implement me	thods to collect	debris in runoff water before it clogs ditches, streams,
culverts, and o	ther waterway	S.		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP

2 4 4 Th - 1/11				
_	-	-		ws in urban development zones to use tools such as
	-	_		soil deterioration, mulching of new plantings, seeding
_		-		estallation of grass lined channels, slope diversion for
			_	d and property due to heavy and rapid surface runoff
_		ther precipitation	-	
Complete	Delete	<mark>On Schedule</mark>	Delayed	<mark>Include in 2024 HMP</mark>
3.15 The Village	ટ will encourag	ge the use of eco-fi	riendly green ma	terials and practices in development, such as green
parking policies	, green roof m	naterials, and alter	nate paving mate	erials that promote absorption instead of runoff.
Complete	Delete	<mark>On Schedule</mark>	Delayed	Include in 2024 HMP
3.16 The Village	will encourage	ge management of	f surface runoff a	nd chemical residue through techniques such as
installation of g	ırassy waterwi	ays, creation of inf	iltration basins a	nd trenches, porous pavement installation, filtration
techniques like	use of catch b	asin inserts, sand o	and organic filter	s, rain gardens and vegetated filter strips.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Goal 4 – Hazard	dous Materials	Incident: Mechan		to lessen both the number of spills, leaks, and releases
				s from such incidents.
				clear and easy to follow to decrease the likelihood of
_	_	ire routes of travel	•	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
			·	tional first responder training to prepare responders for
_		incidents and pipe		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
			•	rdous substances to communities through construction
		ads, or pipelines fo		
	Delete	On Schedule		Include in 2024 HMP
Cool 5 Javasia			Delayed	
	•	_		plant debris caused by invasive species that weaken and
•		e amounts of debri		
_	wiii maintain t	rees and vegetation	on on public/juris	diction property and advocate for the same on private
property.				
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_				d or diseased trees that will easily be damaged by wind
		of other property		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Goal 6 – Land S	ubsidence: Me	echanicsburg will r	educe the risk of	property damage due to land subsidence in at-risk
areas.				
				and accurate mapping of karst areas in Champaign
County that int	erfaces the ge	ologic characterist	ics with the soil t	ypes, as well as identifying abandoned and functioning
wells and mine	s of various ty	pes, to more accur	ately identify kar	st locations and predict where sink holes or other
structural prob	lems are likely	to occur.		
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
6.2 The Village	will develop co	ollaborative efforts	s with environme	ental and water quality advocates to more accurately
_	•			k together to adequately and effectively prevent
contamination	-		•	, , , , , , , , , , , , , , , , , , , ,
	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
Complete				anicsburg will lessen the damages suffered from
Complete Goal 7 – Severe	• Thunderstorr	II. TOTTIAUO. AITO VV		and the second s
Goal 7 – Severe				I. hail, and lightning.
Goal 7 – Severe windstorms or	severe thunde	erstorms, including	heavy rain, wind	l, hail, and lightning.
Goal 7 – Severe windstorms or 7.1 The County	severe thunde will advocate	erstorms, including and support the co	heavy rain, wind on struction of sa	fe rooms for single- and multi-family homes and
Goal 7 – Severe windstorms or 7.1 The County congregate fac	severe thunde will advocate ilities, includin	erstorms, including and support the co g mobile home pa	heavy rain, winconstruction of sarks, apartment co	fe rooms for single- and multi-family homes and omplexes, and mass gathering facilities.
Goal 7 – Severe windstorms or 7.1 The County congregate fac Complete	severe thunde will advocate ilities, includin Delete	erstorms, including and support the co g mobile home pa On Schedule	heavy rain, wind onstruction of sa rks, apartment co Delayed	fe rooms for single- and multi-family homes and omplexes, and mass gathering facilities. Include in 2024 HMP
Goal 7 – Severe windstorms or 7.1 The County congregate fac Complete 7.2 The County	severe thunde will advocate ilities, includin Delete will develop a	erstorms, including and support the congress mobile home particles of the congress of the cong	heavy rain, wind onstruction of sa rks, apartment co Delayed	fe rooms for single- and multi-family homes and omplexes, and mass gathering facilities.
Goal 7 – Severe windstorms or 7.1 The County congregate fac Complete	severe thunde will advocate ilities, includin Delete will develop a	erstorms, including and support the congress mobile home particles of the congress of the cong	heavy rain, wind onstruction of sa rks, apartment co Delayed	fe rooms for single- and multi-family homes and omplexes, and mass gathering facilities. Include in 2024 HMP

creation of special fundir Complete Delete	•	irces for affordab	le debris disposal after storms, possibly through
Complete Delete	g to pay for landfill fe		ities that will receive debris for reduced rates.
7.4 The Village will estab		Delayed	Include in 2024 HMP
7.4 The village will estab	ish, maintain, improve	e, and/or promot	e public warning and notification systems (reverse 911,
opt-in systems, outdoor	warning sirens, etc.).	_	
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
7.5 The Village will provid	le community educati	on about protect	ve actions, evacuation procedures, and other disaster
preparedness informatio			
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
7.6 The Village will advoc		aintain adequate	insurance coverage (homeowners, renters, flood, etc.).
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
7.7 The Village will maint	ain building regulatior	ns and land-use p	lanning practices that encourage responsible
development in high-risk			
Complete Delete		Delayed	Include in 2024 HMP
_	•		ional county-wide public safety communication system
with the capability for m			
Complete Delete		Delayed	Include in 2024 HMP
_			ystems by adding outdoor warning sirens, developing
reverse 911 capabilities,		1	
Complete Delete		Delayed	Include in 2024 HMP
	cate and support the	hardening of utili	ties (distribution lines, generating plants, and other
system components).		T	
Complete Delete		Delayed	Include in 2024 HMP
7.11 The Village will iden		utility resources	for use when primary source is compromised
			. ,
(generators, redundant s			
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
Complete Delete Goal 8 – Water Quality:	On Schedule Mechanicsburg will w	ork to improve th	Include in 2024 HMP ne safety of the water supply whether it is sourced
Complete Delete Goal 8 – Water Quality: I from private wells or pu	On Schedule Mechanicsburg will wollic or privately-owne	ork to improve the dwater treatme	Include in 2024 HMP ne safety of the water supply whether it is sourced nt systems.
Complete Delete Goal 8 – Water Quality: from private wells or pu 8.1 The Village will advoce	On Schedule Mechanicsburg will wollic or privately-owne ate for improvements	ork to improve the dwater treatme	Include in 2024 HMP ne safety of the water supply whether it is sourced
Complete Delete Goal 8 – Water Quality: from private wells or pu 8.1 The Village will advoc and improved treatment	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities.	ork to improve the dwater treatme to water treatme	Include in 2024 HMP ne safety of the water supply whether it is sourced nt systems. ent plants, including enhanced testing and monitoring
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule	ork to improve the dwater treatment to water treatment Delayed	Include in 2024 HMP ne safety of the water supply whether it is sourced nt systems. ent plants, including enhanced testing and monitoring Hazard Not Included in Updated Plan
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional research	ork to improve the dwater treatment to water treatment Delayed earch into root ca	Include in 2024 HMP The safety of the water supply whether it is sourced in the systems. The plants, including enhanced testing and monitoring in the system of the syst
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar	On Schedule Mechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination	ork to improve the dwater treatment to water treatment to water treatment to be a possible	Include in 2024 HMP The safety of the water supply whether it is sourced in the systems. The plants, including enhanced testing and monitoring in the system of the syst
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete Delete Delete	On Schedule Mechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule	ork to improve the dwater treatment to water treatment to water treatment to water treatment tracing, and consumptions and consumptions belayed	Include in 2024 HMP ne safety of the water supply whether it is sourced in systems. ent plants, including enhanced testing and monitoring Hazard Not Included in Updated Plan uses of water quality issues, including but not limited to ervation practice implementation. Hazard Not Included in Updated Plan
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoff	ork to improve the dwater treatment to water treatment to water treatment to water treatment tracing, and consumptions and consumptions belayed	Include in 2024 HMP The safety of the water supply whether it is sourced in the systems. The plants, including enhanced testing and monitoring in the system of the syst
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats.	Delayed earch into root ca tracing, and cons Delayed from residential	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced in Updated Plan in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan in properties, including but not limited to lawn chemicals
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete Delete Delete Delete Delete Delete Delete	On Schedule Mechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule	Delayed from residential Delayed Delayed Delayed Delayed Delayed	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced in Updated Plan in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan in the properties, including but not limited to lawn chemicals in the plants of the plants
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work	On Schedule Wechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runofiats. On Schedule for early and pro-active	Delayed from residential Delayed carch into root ca tracing, and cons Delayed from residential Delayed ce collaboration be	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced in Updated Plan in the plants is sues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan in properties, including but not limited to lawn chemicals in the plants in the properties in the plants i
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental thre Complete Delete 8.4 The Village will work water supply through see	On Schedule Wechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runofiats. On Schedule for early and pro-active	Delayed from residential Delayed carch into root ca tracing, and cons Delayed from residential Delayed ce collaboration be	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced in Updated Plan in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan in the properties, including but not limited to lawn chemicals in the plants of the plants
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality.	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule ate for early and pro-active page into wells, aquif	Delayed from residential Delayed er collaboration beers, reservoirs or	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The systems and monitoring entry plants, including enhanced testing and monitoring in the system and m
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete De	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquif	Delayed from residential Delayed earch into root ca tracing, and cons Delayed from residential Delayed re collaboration b fers, reservoirs or	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The systems and monitoring entry plants, including enhanced testing and monitoring in the system and m
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will suppo	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquifate to Schedule at studies that identify	Delayed from residential Delayed earch into root ca tracing, and cons Delayed from residential Delayed re collaboration b ers, reservoirs or Delayed y the complete di	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced testing and monitoring in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan properties, including but not limited to lawn chemicals Hazard Not Included in Updated Plan etween jurisdictions regarding spills or leaks into the waterways that will eventually affect local water Hazard Not Included in Updated Plan scovery of water resource contamination, including
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will suppo analysis of practices by in	On Schedule Wechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquiful contact the contact of	Delayed from residential Delayed earch into root ca tracing, and cons Delayed from residential Delayed re collaboration b ers, reservoirs or Delayed y the complete di , manufacturing,	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring the safety of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan properties, including but not limited to lawn chemicals Hazard Not Included in Updated Plan etween jurisdictions regarding spills or leaks into the waterways that will eventually affect local water Hazard Not Included in Updated Plan scovery of water resource contamination, including and agricultural communities.
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will suppo analysis of practices by ir Complete Delete	On Schedule Wechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquiful contact that identify dustrial, personal use On Schedule	Delayed from residential Delayed earch into root ca tracing, and cons Delayed from residential Delayed re collaboration b fers, reservoirs or Delayed y the complete di , manufacturing, Delayed	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring that are plants, including enhanced testing and monitoring that are plants including to the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plants properties, including but not limited to lawn chemicals that are plants included in Updated Plants etween jurisdictions regarding spills or leaks into the waterways that will eventually affect local water that will eventually affect local water that will eventually affect local water that water water are source contamination, including and agricultural communities. Hazard Not Included in Updated Plants and agricultural communities.
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will support analysis of practices by in Complete Delete Goal 9 – Winter Storms:	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquiffer studies that identified ustrial, personal use On Schedule wechanicsburg will less	Delayed re collaboration beers, reservoirs or Delayed re complete di re di manufacturing, Delayed re collaboration beers, reservoirs or Delayed re complete di	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced in Updated Plan in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan in the properties, including but not limited to lawn chemicals. Hazard Not Included in Updated Plan in the waterways that will eventually affect local water in the waterways that will eventually affect local water in the water of water resource contamination, including and agricultural communities. Hazard Not Included in Updated Plan in the water water water water water resource contamination, including and agricultural communities. Hazard Not Included in Updated Plan in the water w
Complete Delete Goal 8 – Water Quality: I from private wells or put 8.1 The Village will advocand improved treatment Delete 8.2 The Village will advocrunoff monitoring and ar Complete Delete 8.3 The Village will advocand other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will support analysis of practices by in Complete Delete Goal 9 – Winter Storms: 9.1 The Village will work	On Schedule Mechanicsburg will wolic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquiffer studies that identified ustrial, personal use On Schedule wechanicsburg will less	Delayed re collaboration beers, reservoirs or Delayed re complete di re di manufacturing, Delayed re collaboration beers, reservoirs or Delayed re complete di	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring that are plants, including enhanced testing and monitoring that are plants in the plants of water quality issues, including but not limited to dervation practice implementation. Hazard Not Included in Updated Plan properties, including but not limited to lawn chemicals that are plants in the plants of the
Complete Delete Goal 8 – Water Quality: I from private wells or pu 8.1 The Village will advoc and improved treatment Complete Delete 8.2 The Village will advoc runoff monitoring and ar Complete Delete 8.3 The Village will advoc and other incidental three Complete Delete 8.4 The Village will work water supply through see quality. Complete Delete 8.5 The Village will support analysis of practices by in Complete Delete Goal 9 – Winter Storms:	On Schedule Wechanicsburg will wollic or privately-owne ate for improvements capabilities. On Schedule ate for additional resealysis, contamination On Schedule ate for study of runoffats. On Schedule for early and pro-active page into wells, aquifact studies that identificularial, personal use On Schedule wechanicsburg will less to plow and clear villages.	Delayed re collaboration beers, reservoirs or Delayed re complete di re di manufacturing, Delayed re collaboration beers, reservoirs or Delayed re complete di	Include in 2024 HMP The safety of the water supply whether it is sourced int systems. The plants, including enhanced testing and monitoring in the plants, including enhanced testing and monitoring in the plants including enhanced in Updated Plan in the properties in the plants included in Updated Plan in the properties, including but not limited to lawn chemicals in the properties, including but not limited to lawn chemicals in the properties, including but not limited to lawn chemicals in the properties included in Updated Plan in the properties in the properti

Mutual Mitigation Strategies 2018

				pility of water supplies during drought and extreme heat.
_		nd support the had nent plants and dis	_	ter supply infrastructure to include alternate sources of tems.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
·				
		e structures and invere magnitude.	frastructure tl	hat would likely be damaged or destroyed in an
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				oss of life or injury and property damage caused by
_	-	struction of water to prevent floodin		tures (reservoirs, retention/detention ponds, dams, es.
Complete	<mark>Delete</mark>	On Schedule	Delayed	Do Not Include in 2024 HMP
3.2 The Village v	vill acquire, de	molish, and/or ret	rofit flood-pro	one structures.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.3 The Village v	vill clear debris	s, fallen trees, exce	ess sediment,	and other obstructions from waterways to improve flow.
Complete	<mark>Delete</mark>	On Schedule	Delayed	Do Not Include in 2024 HMP
		ral habitat creatio		of vegetative buffers inside waterways to slow the rapid
Complete	<mark>Delete</mark>	On Schedule	Delayed	Do Not Include in 2024 HMP
3.5 The Village v	vill maintain ar	nd enforce floodpl	ain, zoning, ar	nd building regulations to manage development in flood-
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				in floodplain management activities to support flood
prevention.			T	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				amaged by rapid runoff and heavy precipitation.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				sen both the number of spills, leaks, and releases from
				om such incidents.
	4.1 The Village will advocate for funding for and conduct of additional first responder training to prepare responders for highway hazardous materials incidents and pipeline and rail incidents.			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
		ual will lessen the s of debris requirir		debris caused by invasive species that weaken and destroy er storms.
5.1 The Village v	vill work to cle	ar public and priva	ite areas of de	ead or diseased trees that will easily be damaged by wind
events and caus	e destruction o	of other property.		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Goal 6 – Land Su	ıbsidence: Mut	tual will reduce the	e risk of prope	erty damage due to land subsidence in at-risk areas.
				fic and accurate mapping of karst areas in Champaign
County that inte	rfaces the geo	logic characteristic	cs with the so	il types, as well as identifying abandoned and functioning
wells and mines	of various type	es, to more accura	itely identify k	carst locations and predict where sink holes or other
structural proble	ems are likely t	o occur.		
Complete	Delete	On Schedule	Delayed	Hazard Not Included in 2024 HMP
		, Tornado, and Wi		tual will lessen the damages suffered from windstorms or
		-		rafe rooms for single- and multi-family homes and
_				complexes, and mass gathering facilities.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Compiete	Delete	on senedule	Delayeu	melade in 2027 milli

7.2 The Village	will develop agr	reements for eme	rgency shelter	rs to be used for a variety of disaster-related purposes
_	storms and/or ev		,	, , , , , , , , , , , , , , , , , , , ,
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
7.3 The Village	will research an	d identify resourc	es for afforda	ble debris disposal after storms, possibly through creation
of special fund	ding to pay for la	ndfill fees or findir	ng facilities th	at will receive debris for reduced rates.
Complete	<mark>Delete</mark>	On Schedule	Delayed	Do Not Include in 2024 HMP
7.4 The Village	e will establish, m	naintain, improve,	and/or prom	ote public warning and notification systems (reverse 911,
opt-in systems	s, outdoor warnii	ng sirens, etc.).		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
7.5 The Village	will provide con	nmunity education	n about prote	ctive actions, evacuation procedures, and other disaster
preparedness	information.			
Complete	<mark>Delete</mark>	On Schedule	Delayed	Do Not Include in 2024 HMP
7.6 The Village	e will advocate ar	nd support the hai	rdening of util	lities (distribution lines, generating plants, and other
system compo	onents).			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
7.7 The Village will identify alternate/back-up utility resources for use when primary source is compromised				
(generators, redundant suppliers, etc.).				
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
Goal 8 – Water Quality: Mutual will work to improve the safety of the water supply whether it is sourced from private				
		ned water treatme	•	
				causes of water quality issues, including but not limited to
runoff monito	ring and analysis	, contamination tr	acing, and co	nservation practice implementation.
Complete Complete	Delete	On Schedule	Delayed	Hazard Not Included in 2024 HMP
Goal 9 – Winte	er Storms: Mutua	al will lessen dama	iges suffered t	from severe winter storms and blizzards.
9.1 The Village	e will work to plo	w and clear village	e-maintained	roadways to facilitate emergency traffic, necessary travel,
and business a	access.			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP

North Lewisburg Mitigation Strategies 2018

Goal 1 - Drough	at/Evtromo H			ess the reliability of water supplies during drought and
extreme heat.	it/Extreme ne	eat. North Lewis	burg will asse	ss the reliability of water supplies during drought and
	will advocate s	and support the b	ardoning of	water supply infrastructure to include alternate sources of
_		ment plants and	_	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				otential from earthquakes and establish a safety plan for
residents.	iake: North Le	wisburg will asse	ess damage po	otential from eartifluakes and establish a safety plan for
	will idontify th	a structures and	infractructure	a that would likely be democrad or destroyed in an
_	-			e that would likely be damaged or destroyed in an
Complete	Delete	evere magnitude. On Schedule	Delayed	Include in 2024 HMP
				g and limit loss of life or injury and property damage caused
	NOITH LEWISDI	arg will work to re	educe noodin	g and little loss of the of injury and property damage caused
by flooding.	will add tampe	aram, ar abangaal	hla signs to m	ark flooding roadways quickly
				ark flooding roadways quickly.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				prone structures.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
				nt, and other obstructions from waterways to improve flow.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_			•	tricts and other jurisdictions that share an interest in
		ng, maintaining,		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_				se of vegetative buffers inside waterways to slow the rapid
		d excess storm v		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
	will maintain a	and enforce flood	lplain, zoning,	and building regulations to manage development in flood-
prone areas.			T	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_	will maintain p	articipation in N	FIP and engag	ge in floodplain management activities to support flood
prevention.			T	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_				e storm sewers and related systems and increase culvert
		uce flooding and		
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
			modification	including deepening and widening to re-route water or
increase capacit	y and reduce	flooding.	ı	
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.10 The Village	will identify a	and implement m	ethods to col	lect debris in runoff water before it clogs ditches, streams,
culverts, and ot	her waterway		T	,
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_	•		-	s from deterioration due to rapid or excessive flow by
				stakes and posts, planting trees, shrubs and grasses along
banks and berm	is, or using de	flectors to preve	nt deterioration	on, or other similar methods to accomplish the same.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
_				t of willow posts, hardwood tree plantings, fascines, brush
		_		s, lunker structures, or placed rocks as examples) to
minimize the de	terioration or	destruction of s	tream banks o	due to excessive flow.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP
3.13 The Village	will utilize str	eam bank protec	ction measure	es such as gabion revetments, riprap revetments, and crib
walls, and other	structural me	ethods to protect	the banks an	d berms.
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP

3.14 The Village will require developers and/or construction crews in urban development zones to use tools such as
chemical stabilization, compost blankets, geotextiles to control soil deterioration, mulching of new plantings, seeding
and sodding of areas highly vulnerable to rapid surface runoff, installation of grass lined channels, slope diversion for
surface runoff, and other methods to reduce the damages to land and property due to heavy and rapid surface runoff
or drainage from rainfall or other precipitation or draining water.
Complete Delete On Schedule Delayed Include in 2024 HMP
Goal 4 – Hazardous Materials Incident: North Lewisburg will work to lessen both the number of spills, leaks, and
releases from hazardous materials sources, as well as lessen the damages from such incidents.
4.1 The Village will advocate for funding for and conduct of additional first responder training to prepare responders for
highway hazardous materials incidents and pipeline and rail incidents.
Complete Delete On Schedule Delayed Include in 2024 HMP
Goal 5 – Invasive Species: North Lewisburg will lessen the cost of plant debris caused by invasive species that weaken
and destroy trees that cause large amounts of debris requiring removal after storms.
5.1 The Village will maintain trees and vegetation on public/jurisdiction property and advocate for the same on private
property.
Complete Delete On Schedule Delayed Include in 2024 HMP
5.2 The Village will work to clear public and private areas of dead or diseased trees that will easily be damaged by wind
events and cause destruction of other property.
Complete Delete On Schedule Delayed Include in 2024 HMP
Goal 6 – Land Subsidence: North Lewisburg will reduce the risk of property damage due to land subsidence in at-risk
areas.
6.1 The Village will encourage the development of more specific and accurate mapping of karst areas in Champaign
County that interfaces the geologic characteristics with the soil types, as well as identifying abandoned and functioning
wells and mines of various types, to more accurately identify karst locations and predict where sink holes or other
structural problems are likely to occur.
Complete Delete On Schedule Delayed Hazard Not Included in Updated Plan
Goal 7 – Severe Thunderstorm, Tornado, and Windstorm: North Lewisburg will lessen the damages suffered from
windstorms or severe thunderstorms, including heavy rain, wind, hail, and lightning.
7.1 The Village will advocate and support the construction of safe rooms for single- and multi-family homes and
congregate facilities, including mobile home parks, apartment complexes, and mass gathering facilities.
Complete Delete On Schedule Delayed Include in 2024 HMP
7.2 The Village will develop agreements for emergency shelters to be used for a variety of disaster-related purposes
during severe storms and/or evacuations.
Complete Delete On Schedule Delayed Include in 2024 HMP
7.3 The Village will research and identify resources for affordable debris disposal after storms, possibly through creation
of special funding to pay for landfill fees or finding facilities that will receive debris for reduced rates.
Complete Delete On Schedule Delayed Include in 2024 HMP
7.4 The Village will establish, maintain, improve, and/or promote public warning and notification systems (reverse 911,
opt-in systems, outdoor warning sirens, etc.)
Complete Delete On Schedule Delayed Include in 2024 HMP
7.5 The Village will provide community education about protective actions, evacuation procedures, and other disaster
preparedness information.
Complete Delete On Schedule Delayed Include in 2024 HMP
7.6 The Village will advocate and support the hardening of utilities (distribution lines, generating plants, and other
system components).
Complete Delete On Schedule Delayed Include in 2024 HMP
Complete Delete On Schedule Delayed Include in 2024 HMP 7.7 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to
7.7 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to
7.7 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to decrease damage due to wind.
7.7 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to decrease damage due to wind. Complete Delete On Schedule Delayed Include in 2024 HMP
7.7 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to decrease damage due to wind.

Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.9 The Village	7.9 The Village will advocate for residents to maintain adequate insurance coverage (homeowners, renters, etc.)						
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
Goal 8 – Water	Quality: North	Lewisburg will w	vork to impro	ve the safety of the water supply whether it is sourced from			
private wells or	public or priva	ately-owned wat	er treatment	systems.			
8.1 The Village	will advocate f	or additional res	earch into roo	ot causes of water quality issues, including but not limited to			
runoff monitori	ng and analysi	s, contamination	tracing, and	conservation practice implementation.			
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan			
8.2 The Village	will advocate f	or county-wide v	vater manage	ement strategies to develop a water-supply redundancy plan			
to help commu	nities during a	n extended wate	r emergency.				
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan			
8.3 The Village	will work for e	arly and proactiv	e collaboration	on between jurisdictions regarding spills or leaks into the			
water supply th	water supply through seepage into wells, aquifers, reservoirs or waterways that will eventually affect local water						
quality.	quality.						
<u>Complete</u>	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan			
Goal 9 – Winter Storms: North Lewisburg will lessen damages suffered from severe winter storms and blizzards.							
9.1 The Village will work to plow and clear village-maintained roadways to facilitate emergency traffic, necessary travel,							
and business access.							
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			

St. Paris Mitigation Strategies 2018

Goal 1 – Droug	ht/Extreme			liability of water supplies during drought and extreme	
heat.	, ,				
1.1 The Village	will advocat	e and support the	hardening of v	water supply infrastructure to include alternate sources of	
		eatment plants and			
Completed	Deleted	On Schedule	Delayed	Continue in 2024 HMP	
1.2 The Village	will establis	h water conservati	ion procedures	for implementation in drought conditions.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
Goal 2 - Eartho	uake: St. Par	ris will assess dam	age potential f	rom earthquakes and establish a safety plan for residents.	
2.1 The Village	will identify	the structures and	infrastructure	e that would likely be damaged or destroyed in an	
earthquake of	moderate to	severe magnitude	<u> </u>		
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
Goal 3 – Flood	: St. Paris wil	I work to reduce fl	ooding and lim	nit loss of life or injury and property damage caused by	
flooding.					
3.1 The Village	will require	construction of wa	ater control str	ructures (reservoirs, retention/detention ponds, dams,	
levees, dikes, f	loodwalls, et	tc.) to prevent floo	ding of proper	ties.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.2 The Village	will conside	r elevation of struc	ctures (building	gs, roadways, bridges, culverts etc.) to reduce flooding.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.3 The Village	will acquire,	, demolish, and/or	retrofit flood-	prone structures.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.4 The Village	will conside	r channel diversion	n or modificati	on (deepening or widening) to re-route water or increase	
capacity and re	educe floodir	ng.			
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.5 The Village	will clear de	bris, fallen trees, e	excess sedimer	nt, and other obstructions from waterways to improve flow.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.6 The Village	will work wi	th watershed or co	onservancy dis	tricts and other jurisdictions that share an interest in	
waterways to 1	facilitate clea	aning, maintaining,	, and eliminatii	ng problems.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.7 The Village	will utilize n	atural habitat crea	ation and/or us	se of vegetative buffers inside waterways to slow the rapid	
		hold excess storm			
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.8 The Village	will maintai	n and enforce floo	dplain, zoning,	and building regulations to manage development in flood-	
prone areas.					
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
3.9 The Village	will maintai	n participation in N	VFIP and engag	ge in floodplain management activities to support flood	
prevention.					
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
				for individual flood insurance awareness.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
	e will mainta		· · · · · · · · · · · · · · · · · · ·	ice storm sewers and related systems and increase culvert	
sizes and bridge spans to reduce flooding and improve drainage.					
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
				eable signs to mark flooded roadways quickly.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
	e will ensure	that dams have e		ns that identify inundation areas and facilitate for emergency	
actions in the case of a serious failure.					
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
			•	ns damaged by rapid runoff and heavy precipitation.	
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP	
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3.15 The Village will work with railroads to identify a means to repair and improve railroad owned bridges, culverts, and
abandoned tracks and keep them clear of debris and abandoned equipment.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.16 The Village will identify and implement methods to collect debris in runoff water before it clogs ditches, streams,
culverts, and other waterways.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.17 The Village will protect banks and land near waterways from deterioration due to rapid or excessive flow by
planting stream bank vegetation, installing dormant woody stakes and posts, planting trees, shrubs and grasses along
banks and berms, or using deflectors to prevent deterioration, or other similar methods to accomplish the same.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.18 The Village will utilize biotechnical methods (placement of willow posts, hardwood tree plantings, fascines, brush
layering, evergreen revetments, log revetments, tree kickers, lunker structures, or placed rocks as examples) to
minimize the deterioration or destruction of stream banks due to excessive flow.
Complete Delete <mark>On Schedule</mark> Delayed Continue in 2024 HMP
3.19 The Village will manage stream flow through channel, sedimentation, debris and obstruction, and stream ecology
management practices.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.20 The Village will utilize stream bank protection measures such as gabion revetments, riprap revetments, and crib
walls, and other structural methods to protect the banks and berms.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.21 The Village will require developers and/or construction crews in urban development zones to use tools such as
chemical stabilization, compost blankets, geotextiles to control soil deterioration, mulching of new plantings, seeding
and sodding of areas highly vulnerable to rapid surface runoff, installation of grass lined channels, slope diversion for
surface runoff, and other methods to reduce the damages to land and property due to heavy and rapid surface runoff
or drainage from rainfall or other precipitation or draining water.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.22 The Village will encourage the use of eco-friendly green materials and practices in development, such as green
parking policies, green roof materials, and alternate paving materials that promote absorption instead of runoff.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.23 The Village will protect soil quality by advocating for crop rotation, crop residue management, contour buffer
strips, contour farming and strip-cropping, use of cover crops, installation of field borders, rotation grazing, pasture
planting, establishment of grassy waterways, grade stabilization structures, water and sediment control basins, critical
area planting, diversion, terracing, manure storage and runoff control, nutrient management, pest management, well
abandonment, riparian buffers, wetland restoration, windbreaks, woodlot management, tree planting, and creation of
upland wildlife habitat on farmland inside, adjacent to, or near incorporated Village property.
Complete Delete On Schedule Delayed Continue in 2024 HMP
3.24 The Village will encourage management of surface runoff and chemical residue through techniques such as
installation of grassy waterways, creation of infiltration basins and trenches, porous pavement installation, filtration
techniques like use of catch basin inserts, sand and organic filters, rain gardens and vegetated filter strips.
Complete Delete On Schedule Delayed Continue in 2024 HMP
Goal 4 – Hazardous Materials Incident: St. Paris will work to lessen both the number of spills, leaks, and releases from
hazardous materials sources, as well as lessen the damages from such incidents.
4.1 The Village will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of
vehicle accidents due to unsure routes of travel.
Complete Delete On Schedule Delayed Continue in 2024 HMP
4.2 The Village will advocate for funding for and conduct of additional first responder training to prepare responders for
highway hazardous materials incidents and pipeline and rail incidents.
Complete Delete <mark>On Schedule</mark> Delayed <u>Continue in 2024 HMP</u>
4.3 The Village will collaborate with entities that bring new hazardous substances to communities through construction
of additional highways, railroads, or pipelines for first responder training.
Complete Delete <mark>On Schedule</mark> Delayed Continue in 2024 HMP

Goal 5 – Invasive Species: St. Paris will lessen the cost of plant debris caused by invasive species that weaken and						
destroy trees that cause large amounts of debris requiring removal after storms.						
5.1 The Village will maintain trees and vegetation on public/jurisdiction property and advocate for the same on private						
property.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
5.2 The Village will work to clear public and private areas of dead or diseased trees that will easily be damaged by wind						
events and cause destruction of other property.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
Goal 6 – Land Subsidence: St. Paris will reduce the risk of property damage due to land subsidence in at-risk areas.						
6.1 The Village will support and conduct programs that reduce erosion and sedimentation along shorelines, riverbanks,						
ditch banks, road berms, and areas that wash away						
Complete Delete On Schedule Delayed Hazard Not Included in Updated Plan						
6.2 The Village will advocate for, support, and implement slope protection actions along waterways and other						
vulnerable areas where natural causes endanger property, structures, or other vulnerabilities exist.						
Complete Delete On Schedule Delayed Hazard Not Included in Updated Plan						
6.3 The Village will encourage the development of more specific and accurate mapping of karst areas in Champaign						
County that interfaces the geologic characteristics with the soil types, as well as identifying abandoned and functioning						
wells and mines of various types, to more accurately identify karst locations and predict where sink holes or other						
structural problems are likely to occur.						
Complete Delete On Schedule Delayed Hazard Not Included in Updated Plan						
6.4 The Village will develop collaborative efforts with environmental and water quality advocates to more accurately						
determine risk to groundwater resources in the village, and work together to adequately and effectively prevent						
contamination of the groundwater.						
Complete Delete On Schedule Delayed Hazard Not Included in Updated Plan						
Goal 7 – Severe Thunderstorm, Tornado, and Windstorm: St. Paris will lessen the damages suffered from windstorms or						
severe thunderstorms, including heavy rain, wind, hail, and lightning.						
7.1 The Village will advocate and support the construction of safe rooms for single- and multi-family homes and						
congregate facilities, including mobile home parks, apartment complexes, and mass gathering facilities.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.2 The Village will repair or retrofit public properties with wind-resistant materials (i.e. metal roofing, siding, etc.) to						
decrease damage due to wind.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.3 The Village will develop agreements for emergency shelters to be used for a variety of disaster-related purposes						
during severe storms and/or evacuations.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.4 The Village will research and identify resources for affordable debris disposal after storms, possibly through creation						
of special funding to pay for landfill fees or finding facilities that will receive debris for reduced rates.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.5 The Village will establish, maintain, improve, and/or promote public warning and notification systems (reverse 911,						
opt-in systems, outdoor warning sirens, etc.).						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.6 The Village will provide community education about protective actions, evacuation procedures, and other disaster						
preparedness information.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.7 The Village will advocate for residents to maintain adequate insurance coverage (homeowners, renters, flood, etc.).						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.8 The Village will maintain building regulations and land-use planning practices that encourage responsible						
development in high-risk areas.						
Complete Delete On Schedule Delayed Continue in 2024 HMP						
7.9 The Village will work to develop a local, affordable and functional county-wide public safety communication system						
with the capability for multi-discipline and multi-jurisdictional communication.						
1 ,						

Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP
7.10 The Villag	ge will work to	o fill gaps in warni	ng and notifica	ation systems by adding outdoor warning sirens, developing
reverse 911 ca	pabilities, an	d by enhancing ρι	ıblic notificatio	on processes.
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP
		te and support th	e hardening of	utilities (distribution lines, generating plants, and other
system compo	nents).			
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP
7.12 The Villag	ge will identify	y alternate/back-ι	p utility resou	rces for use when primary source is compromised
(generators, re	edundant sup	pliers, etc.).		
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP
	-		•	fety of the water supply whether it is sourced from private
		owned water trea		
8.1 The Village	will advocate	e for improvemen	ts to water tre	atment plants, including enhanced testing and monitoring
and improved	treatment ca	pabilities.		
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.2 The Village	will advocate	e for additional re	search into roo	ot causes of water quality issues, including but not limited to
runoff monito	ring and anal	ysis, contaminatio	n tracing, and	conservation practice implementation.
Complete Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.3 The Village	will advocate	e for study of rund	off from reside	ntial properties, including but not limited to lawn chemicals
and other inci	dental threats	S.		
Complete	<mark>Delete</mark>	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.4 The Village	will work for	early and pro-act	ive collaborati	on between jurisdictions regarding spills or leaks into the
water supply t	hrough seepa	age into wells, aqu	ifers, reservoii	rs or waterways that will eventually affect local water
quality.				
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.5 The Village	will advocate	e for and support	the implement	tation of regulations and supportive programs that help
farmers mana	ge manure an	nd waste from con	centrated anin	nal feeding facilities in the interest of protecting the
groundwater a	and waterway	s from contamina	ition.	
Complete Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.6 The Village	will support	the implementati	on of measure	s to manage distressed watersheds in the county and
advocate for s	upport progra	ams to help farme	rs implement t	these regulations and measures while maintaining the
agricultural ec	onomic well-	being.		
Complete	<mark>Delete</mark>	On Schedule	Delayed	Hazard Not Included in Updated Plan
8.7 The Village	will support	studies that ident	ify the comple	te discovery of water resource contamination, including
analysis of pra	ctices by indu	ustrial, personal us	se, manufactur	ing, and agricultural communities.
Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan
Goal 9 – Winte	er Storms: St.	Paris will lessen d	amages suffer	ed from severe winter storms and blizzards.
				ed roadways to facilitate emergency traffic, necessary travel,
and business a				
Complete	Delete	On Schedule	Delayed	Continue in 2024 HMP
•		•		

Table 3-9: Urbana Mitigation Strategies

Goal 1 - Drought/Extreme He	Goal 1 – Drought/Extreme Heat: Urbana will assess the reliability of water supplies during drought and extreme heat.						
_			ater supply infrastructure to include alternate sources of				
		_					
Complete Delete	water and protection of treatment plants and distribution systems. Complete Delete On Schedule Delayed Include in 2024 HMP						
<u> </u>		Delayed	from earthquakes and establish a safety plan for residents.				
-			n the city that would likely be damaged or destroyed in an				
earthquake of moderate to se	On Schedule		Include in 2024 UMD				
Cool 3 Flood: Urbana will w		Delayed	Include in 2024 HMP nit loss of life or injury and property damage caused by				
flooding.							
•			ctures (reservoirs, retention/detention ponds, dams, levees,				
dikes, floodwalls, etc.) to prev			T				
Complete Delete	On Schedule		Include in 2024 HMP				
			dings, roadways, bridges, culverts etc.).				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
3.3 The City will acquire, dem	olish, and/or ret	trofit flood-pr	rone structures.				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
3.4 The City will consider char reduce flooding.	nnel modificatio	n (deepening	or widening) to re-route water or increase flow capacity and				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
•		•	and other obstructions from waterways to improve flow.				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
•		·	icts and other jurisdictions that share an interest in				
waterways to facilitate cleaning		-					
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
•		·	of vegetative buffers inside waterways to slow the rapid flow				
of floodwater and/or hold exc			or regetative surrers inside waterways to slow the rapid non				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
			nd building regulations to manage development in flood-				
prone areas.	emoree neoup	.a, 2011118, a	ma banang regalations to manage development in mood				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
• 1		·	in floodplain management activities to support flood				
prevention.							
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
	The state of the s		e storm sewers and related systems and increase culvert sizes				
and bridge spans, as necessar							
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
			damaged by rapid runoff and heavy precipitation.				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
•		· · · · · · · · · · · · · · · · · · ·	o repair and improve railroad owned bridges, culverts, and				
abandoned tracks and keep th	nem clear of deb	-	·				
Complete Delete	On Schedule	Delayed	Include in 2024 HMP				
3.13 The City will identify and implement methods to collect debris in runoff water before it clogs ditches, streams,							
	-	culverts, and other waterways.					
	s.	Ī					
Complete Delete	s. <mark>On Schedule</mark>	Delayed	Include in 2024 HMP				
Complete Delete 3.14 The City will protect bank	s. On Schedule ks and land near	r waterways f	rom deterioration due to rapid or excessive flow by planting				
Complete Delete 3.14 The City will protect bank stream bank vegetation, insta	s. On Schedule ks and land near Illing dormant w	r waterways f roody stakes a	rom deterioration due to rapid or excessive flow by planting and posts, planting trees, shrubs and grasses along banks and				
Complete Delete 3.14 The City will protect bank stream bank vegetation, insta	s. On Schedule ks and land near Illing dormant w	r waterways f roody stakes a	rom deterioration due to rapid or excessive flow by planting				

3.15 The City will utilize biotechnical methods (placement of willow posts, hardwood tree plantings, fascines, brush						
layering, evergreen revetments, log revetments, tree kickers, lunker structures, or placed rocks as examples) to						
minimize the deterioration or destruction of stream banks due to excessive flow.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.16 The City will manage stream flow through channel, sedimentation, debris and obstruction, and stream ecology						
management practices.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.17 The City will utilize stream bank protection measures such as gabion revetments, riprap revetments, and crib wall	s,					
and other structural methods to protect the banks and berms.						
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP						
3.18 The City will require developers and/or construction crews in urban development zones to use tools such as						
chemical stabilization, compost blankets, geotextiles to control soil deterioration, mulching of new plantings, seeding						
and sodding of areas highly vulnerable to rapid surface runoff, installation of grass lined channels, slope diversion for						
surface runoff, and other methods to reduce the damages to land and property due to heavy and rapid surface runoff						
or drainage from rainfall or other precipitation or draining water.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.19 The City will protect soil quality by advocating for crop rotation, crop residue management, contour buffer strips,						
contour farming and strip-cropping, use of cover crops, installation of field borders, rotation grazing, pasture planting,						
establishment of grassy waterways, grade stabilization structures, water and sediment control basins, critical area						
planting, diversion, terracing, manure storage and runoff control, nutrient management, pest management, well						
abandonment, riparian buffers, wetland restoration, windbreaks, woodlot management, tree planting, and creation of						
upland wildlife habitat on farmland inside, adjacent to, or near incorporated city property.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.20 The City will encourage management of surface runoff and chemical residue through techniques such as						
installation of grassy waterways, creation of infiltration basins and trenches, porous pavement installation, filtration						
techniques like use of catch basin inserts, sand and organic filters, rain gardens and vegetated filter strips.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 4 – Hazardous Materials Incident: Urbana will work to lessen both the number of spills, leaks, and releases from						
hazardous materials sources, as well as lessen the damages from such incidents.						
4.1 The City will ensure signage on highways and roadways is clear and easy to follow to decrease the likelihood of						
vehicle accidents due to unsure routes of travel.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
4.2 The City will advocate for funding for and conduct of additional first responder training to prepare responders for						
highway hazardous materials incidents and pipeline and rail incidents.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
4.3 The City will collaborate with entities that bring new hazardous substances to communities through development of	of					
first responder training.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 5 – Invasive Species: Urbana will lessen the cost of plant debris caused by invasive species that weaken and destroy						
trees that cause large amounts of debris requiring removal after storms.						
5.1 The City will maintain trees and vegetation on public/jurisdiction property and advocate for the same on private						
property.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
5.2 The City will work to clear public and private areas of dead or diseased trees that will easily be damaged by wind						
events and cause destruction of other property.						
Complete Delete <mark>On Schedule</mark> Delayed Include in 2024 HMP						
Goal 6 – Land Subsidence: Urbana will reduce the risk of property damage due to land subsidence in at-risk areas.						
6.1 The City will support and conduct programs that reduce erosion and sedimentation along riverbanks, ditch banks,						
road berms, and areas that wash away after heavy or prolonged precipitation.						
Complete Delete On Schedule Delayed Hazard Not Included in 2024 HMP						

			pe protection actions along waterways and other vulnerable
			or other vulnerabilities exist.
Complete Delete	On Schedule	Delayed	Hazard Not Included in 2024 HMP
-	•	-	ific and accurate mapping of karst areas in Champaign County
			pes, as well as identifying abandoned and functioning wells
		ly identify kar	st locations and predict where sink holes or other structural
problems are likely to occur.			
Complete Delete	On Schedule	Delayed	Hazard Not Included in 2024 HMP
severe thunderstorms, inclu			Urbana will lessen the damages suffered from windstorms or dilightning.
7.1 The City will advocate ar	id support the co	nstruction of	safe rooms for single- and multi-family homes and
congregate facilities, includi	ng mobile home p	oarks, apartm	ent complexes, and mass gathering facilities.
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
7.2 The City will repair or ret	rofit public prope	erties with wi	nd-resistant materials (i.e. metal roofing, siding, etc.) to
decrease damage due to wir			
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
		•	rs to be used for a variety of disaster-related purposes during
severe storms and/or evacu		<u> </u>	, , , , , , , , , , , , , , , , , , , ,
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
	d identify resource	•	able debris disposal after storms, possibly through creation of
•	•		nat will receive debris for reduced rates.
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
			ote public warning and notification systems (reverse 911,
opt-in systems, outdoor war			ote public warming and notification systems (reverse 311)
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
		•	e planning practices that encourage responsible development
in high-risk areas.	num gregulations	and land-use	e planning practices that encourage responsible development
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '			nctional county-wide public safety communication system
with the capability for multi-	-		
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
			n systems by adding outdoor warning sirens, developing
reverse 911 capabilities, and			
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
•		•	lities (distribution lines, generating plants, and other system
components).	a support the na	raeriing or ati	inites (distribution lines, generating plants, and other system
Complete Delete	On Schedule	Delayed	Include in 2024 HMP
<u> </u>			es for use when primary source is compromised (generators,
redundant suppliers, etc.).	ernate/back-up t	acincy resourc	es for use when primary source is compromised (generators,
	On Schedule	Dolayad	Include in 2024 HMD
Complete Delete		Delayed	Include in 2024 HMP afety of the water supply whether it is sourced from private
*		•	
wells or public or privately-c		•	
	•	.o water treat	ment plants, including enhanced testing and monitoring and
improved treatment capabil		Dolayad	Hazard Not Included in 2024 HMD
Complete Delete	On Schedule	Delayed	Hazard Not Included in 2024 HMP
-			causes of water quality issues, including but not limited to
	sis, contaminatio		conservation practice implementation.
Complete Delete			
<u> </u>	On Schedule	Delayed	Hazard Not Included in 2024 HMP
8.3 The City will advocate fo	r study of runoff f		ial properties, including but not limited to lawn chemicals
<u> </u>	r study of runoff f		

8.4 The City v	8.4 The City will work for early and pro-active collaboration between jurisdictions regarding spills or leaks into the water						
supply throug	supply through seepage into wells, aquifers, reservoirs or waterways that will eventually affect local water quality.						
Complete	<mark>Delete</mark>	On Schedule	Delayed	Hazard Not Included in 2024 HMP			
Goal 9 – Wint	ter Storms: Urba	ana will lessen da	mages suffer	red from severe winter storms and blizzards.			
9.1 The City v	9.1 The City will work to plow and clear city-maintained roadways to facilitate emergency traffic, necessary travel, and						
business acce	business access.						
Complete	Complete Delete On Schedule Delayed Include in 2024 HMP						
9.2 The City will develop collaborative efforts with environmental and water quality advocates to more accurately							
determine risk to groundwater resources in the county and work together to adequately and effectively prevent							
contamination of the groundwater through snow removal and salting of icy roads.							
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			

Woodstock Mitigation Strategies 2018 Plan

Goal 1 – Drought/Extreme Heat: Woodstock will assess the reliability of water supplies during drought and extreme heat.						
1.1 The Village will advocate and support the hardening of water supply infrastructure to include alternate sources of						
water and protection of treatment plants and distribution systems.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 2 - Earthquake: Woodstock will assess damage potential from earthquakes and establish a safety plan for						
residents.						
2.1 The Village will identify the structures and infrastructure that would likely be damaged or destroyed in an						
earthquake of moderate to severe magnitude.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 3 – Flood: Woodstock will work to reduce flooding and limit loss of life or injury and property damage caused by						
flooding.						
3.1 The Village will require construction of water control structures (reservoirs, retention/detention ponds, dams,						
levees, dikes, floodwalls, etc.) to prevent flooding of properties.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.2 The Village will acquire, demolish, and/or retrofit flood-prone structures.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.3 The Village will maintain and enforce floodplain, zoning, and building regulations to manage development in flood-						
prone areas.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.4 The Village will maintain participation in NFIP and engage in floodplain management activities to support flood						
prevention.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
3.5 The Village will improve and repair roadways and berms damaged by rapid runoff and heavy precipitation.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 4 – Hazardous Materials Incident: Woodstock will work to lessen both the number of spills, leaks, and releases						
from hazardous materials sources, as well as lessen the damages from such incidents.						
4.1 The Village will advocate for funding for and conduct of additional first responder training to prepare responders for						
highway hazardous materials incidents and pipeline and rail incidents.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 5 – Invasive Species: Woodstock will lessen the cost of plant debris caused by invasive species that weaken and						
destroy trees that cause large amounts of debris requiring removal after storms.						
5.1 The Village will maintain trees and vegetation on public/jurisdiction property and advocate for the same on private						
property.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
Goal 6 – Land Subsidence: Woodstock will reduce the risk of property damage due to land subsidence in at-risk areas.						
6.1 The Village will encourage the development of more specific and accurate mapping of karst areas in Champaign						
County that interfaces the geologic characteristics with the soil types, as well as identifying abandoned and functioning						
wells and mines of various types, to more accurately identify karst locations and predict where sink holes or other						
structural problems are likely to occur.						
Complete On Schedule Delayed Hazard Not Included in Updated Plan						
Goal 7 – Severe Thunderstorm, Tornado, and Windstorm: Woodstock will lessen the damages suffered from windstorms						
or severe thunderstorms, including heavy rain, wind, hail, and lightning.						
7.1 The Village will advocate and support the construction of safe rooms for single- and multi-family homes and						
congregate facilities, including mobile home parks, apartment complexes, and mass gathering facilities.						
Complete Delete On Schedule Delayed Include in 2024 HMP						
7.2 The Village will develop agreements for emergency shelters to be used for a variety of disaster-related purposes						
during severe storms and/or evacuations.						
Complete Delete On Schedule Delayed Include in 2024 HMP						

7.3 The Village will research and identify resources for affordable debris disposal after storms, possibly through creation							
of funds to pay for landfill fees or finding facilities that will receive debris for reduced rates.							
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.4 The Villag	e will establish, ma	aintain, improve, a	nd/or promote	e public warning and notification systems (reverse 911,			
opt-in system	ns, outdoor warnin	g sirens, etc.).					
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.5 The Villag	e will provide com	munity education	about protecti	ve actions, evacuation procedures, and other disaster			
preparedness	s information.						
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.6 The Villag	e will maintain bui	lding regulations a	and land-use pl	anning practices that encourage responsible			
development	in high-risk areas.						
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.7 The Villag	e will work to deve	elop a local, afford	able and funct	ional county-wide public safety communication system			
with the capa	bility for multi-dis	cipline and multi-j	urisdictional co	mmunication.			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.8 The Villag	e will work to fill g	aps in warning and	d notification s	ystems by adding outdoor warning sirens, developing			
reverse 911 c	apabilities, and by	enhancing public	notification pro	ocesses.			
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.9 The Villag	7.9 The Village will advocate and support the hardening of utilities (distribution lines, generating plants, and other						
system comp	onents).						
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
7.10 The Villa	7.10 The Village will identify alternate/back-up utility resources for use when primary source is compromised						
(generators,	redundant supplier	rs, etc.).					
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			
Goal 8 – Water Quality: Woodstock will work to improve the safety of the water supply whether it is sourced from							
private wells or public or privately-owned water treatment systems.							
8.2 The Village will advocate for additional research into root causes of water quality issues, including but not limited to							
runoff monitoring and analysis, contamination tracing, and conservation practice implementation.							
Complete Complete	Delete	On Schedule	Delayed	Hazard Not Included in Updated Plan			
Goal 9 – Win	ter Storms: Woods	tock will lessen da	mages suffered	d from severe winter storms and blizzards.			
9.1 The Village will work to plow and clear village-maintained roadways to facilitate emergency traffic, necessary travel,							
and business access.							
Complete	Delete	On Schedule	Delayed	Include in 2024 HMP			