Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-ND		otal Project	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
City of DuPage		Mary Mitros Stormwater Communications Supervisor DuPage County Stormwater Management 421 N. County Farm Rd. Wheaton, IL 60187 630.407.6706	Activities within this phase include property acquisition and demolition, conveyance improvements on the East Branch DuPage River and wetland creation along St. Joseph Creek. The phase would also remove through fill two significant parcels of land from the regulatory floodplain, which leaves them open for re-development following the remapping process.	\$ -	\$	29,206,600							Х				Х				Х	X
City of DuPage	Lower East Branch Pilot Project Phase 2	Mary Mitros Stormwater Communications Supervisor DuPage County Stormwater Management 421 N. County Farm Rd. Wheaton, IL 60187 630.407.6706	This phase of the project would consist of a lot of the same activities as Phase 1 but this phase would also remove another significant parcel of land from the regulatory floodplain, promoting re-development that could assist in financing Phase 3.	\$ -	\$	10,962,800							X				Х				X	X
City of DuPage	Lower East Branch Pilot Project Phase 3	Mary Mitros Stormwater Communications Supervisor DuPage County Stormwater Management 421 N. County Farm Rd. Wheaton, IL 60187 630.407.6706	The final phase involves the construction of certified levees to remove areas not included within the fill option from the regulatory floodplain.	\$ -	\$	10,734,400																X
City of Minot	Reduce flood risk and increase resilience	Cindy Hemphill Financial Director cindy.hemphill@minotnd.org 701-857-4784	Implementation of a series of integrated approaches to reduce flood risk and increase community amenities, including: buyouts open space restoration, greenway development, and more.		70 \$	590,310,000				X		X		Х							X	
City of Minot	Build affordable, resilient neighborhoods	Cindy Hemphill Financial Director cindy.hemphill@minotnd.org 701-857-4784	Construction of new energy-efficient affordable homes away from high-risk areas but connected to transit, jobs, and services.		\$	182,346,733	Х		Х					Х	Х							
City of Minot	Foster economic resilience and diversification		Construction and relocation of key institutions (including a new Center for Technical Education) to move them out of harm's way while creating sustained economic development opportunities.		\$	33,750,000							X		Х							
City of Minot	Planning	Cindy Hemphill Financial Director cindy.hemphill@minotnd.org 701-857-4784	•	\$ -	\$	1,005,000																
City of Minot	City Administration	Cindy Hemphill Financial Director cindy.hemphill@minotnd.org 701-857-4784	•	\$ -	\$	8,859,640																
City of Moore	Smart Meters	Main: Jared Jakubowski, City of Moore OK 405-793-4571 jaredj@cityofmoore.com // Second:	The Smart Meters project will replace 25,000 residential water meters in the City with smart meters that increase overall efficiency of the water system; permit remote shut-off and/or automatic shut-off by location, by group, or system-wide; allow customer remote monitoring of usage; and include a trickle setting that permits 1–2-gallon-per-minute usage during	\$ -	\$	10,250,000										X					X	X

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-I		Fotal Project Cost	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta   Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
City of Moore	Resiliency Center	Main: Jared Jakubowski, City of Moore OK 405-793-4571 jaredj@cityofmoore.com	The Resiliency Center will double as a resiliency demonstration project and public library, which is at the core of our effort to build a culture of resiliency in the region. By sharing space with the library, the resiliency messaging for the region will come fron a trusted, local source of information and be viewed as community-centered outreach. Features include storm-water management and rainwater harvesting systems, a "green" roof with a solar panel array, prairie restoration, wind turbines, and a geothermal field surrounding the building. The Center will be a hub of research, education, and public outreach, with disproportionate outreach effort dedicated to our most vulnerable populations. The Center will also serve as an incubator to spark innovation across the spectrum of water and tornado resiliency. The Center will be Leadership in Energy and Environmental Design (LEED) Platinum certified and will serve as a model for resilient construction and drought-resistant landscaping methods.	n	-	\$ 25,000,000									x			x		х	х	X
City of Moore	Regional Resilience Impacts	Main: Jared Jakubowski, City of Moore OK 405-793-4571 jaredj@cityofmoore.com // Second: Dr. Renee McPherson, University of Oklahoma 405-226-6869 renee@ou.edu	This proposed project will leverage the scientific and planning expertise of Oklahoma Uuniversity to develop pathways for resilience in the OKC region and carry the lessons learned to other communities nationwide. Activities will include: Develop, evaluate, implement, and apply climate projections; Portal development, computers, and software; and Community-based vulnerability assessment (AI).	\$	- :	\$ 1,280,033												X	х	X		
City of Moore	Draper Water Treatment Plant Upgrade		The DWTP serves approximately 57 percent of OKC businesses and residents and provides potable water to 10 other cities and rural water districts. To prevent future plant failures due to power outages, OKC is funding two activities with CDBG-Disaster Recovery (CDBG-DR) funds from the State of Oklahoma's second allocation of \$83.1 million. The projects include looping electrical systems at the plant to better manage electrical power and installation of permanent emergency power generators to prevent future plant failures due to power loss. The projects, when complete, will enable the plant to maintain 100 million gallons per day of water production even if the electric grid in OKC fails.	r	- !	\$ 128,159,119	x	X								Х						X
City of Moore	Administration	Main: Jared Jakubowski, City of Moore OK 405-793-4571 jaredi@cityofmoore.com	Admin expenses	\$	-	\$ 8,234,408																
City of New Orleans	Urban Water	Jason Neville Senior Planner jsneville@enola.gov 504-658-4430	Construction of a series of interventions that reduce the risk of flooding by creating parks and green streets that capture rainwater and provide new amenities to the community.	\$ 100,957	,997	\$ 293,810,840						Х									X	
City of New Orleans	Community Adaptation	Jason Neville Senior Planner jsneville@nola.gov 504-658-4430	Subsidize small-scale investments in stormwater management, home elevation, and other resilience features for low- and moderate-income homeowners.	\$ 5,000	,000	\$ 7,000,000						X										X
City of New Orleans	Reliable Energy and Smart Systems		Increase energy and water utility resilience through investments in micro-grids, energy redundancy at critical water infrastructure sites, and a water monitoring network.		,289	\$ 184,916,678	Х	Х											Х			
City of New Orleans		Jason Neville Senior Planner jsneville@nola.gov 504-658-4430	Train and prepare unemployed individuals to build NDRC- funded projects and develop increasingly vital skills in water infrastructure development and management.	\$ 3,000							X											
City of New Orleans	Project Management & Monitoring	Jason Neville Senior Planner jsneville@nola.gov 504-658-4430	Creation of a citywide performance management program to track all of its resilience initiatives and pilot the City Resilience Index.	\$ 14,806	,448	\$ 14,806,448													Х			

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CD	DBG-NDR	Total Cost	Project	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
City of New Orleans	Planning & Administration	Jason Neville Senior Planner jsneville@nola.gov 504-658-4430		\$ 8	8,374,835	\$	15,874,835																
City of Springfield	Administration	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato@springfieldcityhall.com, (413)750-2114		\$	1,000,000	\$	2,754,437																
City of Springfield	Flood Protection	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato@springfieldcityhall.com, (413)750-2114	Increase green space and reduce impervious surfaces; repair and harden two existing dams and a pump station; and increase storage and flow capacity in existing ponds and waterways.	\$	-	\$	43,671,750						X				X					X	X
City of Springfield	Clean Redundant Energy Sources	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato @springfieldcityhall.com, (413)750-2114	Restoration of hydropower and installation of a combined heat and power plant to provide non-grid energy sources to critical facilities in the event of power loss during a disaster.	\$ 10	0,067,500	\$	28,667,243		X														
City of Springfield	Safe & Healthy Rental Homes	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato @springfieldcityhall.com, (413)750-2114	Launch of a rehabilitation program for owners of 1-4 unit homes to restore affordable housing stock damaged by the 2011 tornado.	\$ 4	4,675,001	\$	5,542,066								Х								
City of Springfield	Business & Job Opportunities	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato@springfieldcityhall.com, (413)750-2114	Creation of the Springfield Innovation Center and provision of job training to foster a community of entrepreneurs, jumpstant reinvestment and redevelopment in the city's core, and equip low-income residents with the skills they need to work on NDRC- funded projects.	\$	791,716	\$	4,666,130					X											
City of Springfield	Community Engagement	Tina-Marie Quagliato, Director Disaster Recovery & Compliance 36 Court Street, Room 405 Springfield, MA 01103 tquagliato@springfieldcityhall.com, (413)750-2114	Launch of the Citizen Tree Steward Program and the Community-Based Citizen Science Initiative to involve the community in water quality and water conservation activities. The City will also partner with the Pioneer Valley Planning Commission to complete Phase 2 of the City's climate change plan, engaging the local community to complete the final version of the plan.	\$	522,663	\$	522,663										X		X		Х		
Commonwealth of Massachusetts	Project 1. Fix-it-First Activity 1.1. Route 2 Culvert over Trout Brook, Charlemont	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	MassDOT will replace the undersized culvert on Route 2 over Trout Brook in Charlemont. The culvert is undersized and has a stone-lined channel bottom that restricts flood flows, causing scouring, erosion and high flow velocity. The new structure will increase the opening from 80 to 230 sq. ft. and the concrete arch will provide almost 5' of freeboard for the same storm event that currently fills the existing box culvert. The impacted streambed and bank immediately around the culvert will be restored to improve stream stability and protect against scouring under expected	\$	-	\$	1,717,910						Х										

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDF	R Total P	roject	Energy – Utility	Energy - Distributed	<b>Transportaito</b> n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
Commonwealth of Massachusetts	Project 1. Fix-it-First Activity 1.2. Shelburne Falls Fire District Wells, Colrain		The MA Team will move the well pump house and its electrical system to an upland site near the road. The well casings will be raised at least 2-3 feet above current elevation to ensure they will not be compromised by another flood. The MA Team will also establish a riparian buffer and stabilize the bank of the North River near the wells with a constructed bank full bench, introducing boulder deflectors and toe wood structures along 700' of eroding bank, and installing of boulder clusters and isolated logs.		\$	689,000						X										
Commonwealth of Massachusetts	Project 1. Fix-it-First Activity 1.3. Maple Brook Culvert and Interceptor, Greenfield	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will construct a new bypass sewer to eliminate the cross-connection from the 24-inch Maple Brook Sewer to the Maple Brook Culvert and to correct the poor hydraulic connection of the 12" and 15" sanitary sewers to the 30" Maple Brook Interceptor which is suspected of contributing to sanitary overflows upstream of this area into the Maple Brook Culvert. The MA Team will construct approximately 975 linear feet of new 30-inch bypass sewer and will jack the 30" sewer underneath the railroad bed between Chapman and Wells Streets.		\$	2,134,000						X										
Commonwealth of Massachusetts	Project 1. Fix-it-First Activity 1.4. Nash's Mill Bridge, Greenfield	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	Nash's Mill Road Bridge will be replaced in compliance with MassDOT design standards. To ensure that it is resilient against increase future streamflows, the bridge's elevation will be raised and its abutments will be moved out from the river bed.	\$ -	\$	3,317,000			Х													X
Commonwealth of Massachusetts	Project 1. Fix-it-First Activity 1.5. Cole Avenue Housing Project	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will support Williamstown's project to develop up to 46 units of affordable housing by cleaning a brownfield at 330 Cole Avenue. This property was formerly in industrial use (Photech) and has been vacant since 1990. The site is close to the town center and provides access to transportation, schools, shopping and job opportunities. Incorporation of resiliency into infrastructure/housing siting and design; reduced flooding vulnerability; reduction of expected casualties and property damage from future disasters. Ecosystem benefits from restoration including habitat passage and connectivity; green infrastructure; site remediation of hazards; water quality improvements.	\$ -	\$	750,000								X			X				x	
Commonwealth of Massachusetts	Project 2. Trees for Resilience Program	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will conduct a tree planting program in Gateway Cities throughout the Commonwealth as well as in the Target Area communities of Springfield and Greenfield. The program as a whole consists of two elements: planting trees in urban neighborhoods on private and public lands and in public rights-of way, and installing stormwater tree boxes. New trees will be planted with a goal of covering 10% of the target neighborhood(s) in new tree canopy cover to reduce stormwater runoff and resident utility costs. Stormwater Tree Box Filters will be designed and installed to maximize reduction of stormwater runoff in Greenfield and Springfield, and to maximize reduction of combined sewage in Springfield. Locally hired crews will be hired and trained to plant the trees.		\$	14,597,981						X									X	
Commonwealth of Massachusetts	Project 3: Reliable Electricity and Heat for Low Income Populations	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team is seeking funds for leveraging an innovative statewide program that provides municipalities with resilient clean energy technologies for their critical facilities. It will also leverage funding for solar photovoltaic (PV) and renewable heating in multi-unit housing and schools across the state.	\$ -	\$ 4	49,784,190	Х	Х														
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.1. Mohawk Trai Woodlands Partnership	Kathleen Baskin Director of Water Policy I kathleen.baskin@state.ma.us	This project increases the resiliency of a largely neglected watershed forest (which covers 80% of the land and is mostly on private property) that protects the Deerfield River but also poses a disaster threat and impacts the river and downstream communities during intense precipitation and high streamflows.		\$	15,654,146															Х	

Applicant Name Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project	Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us	Project Description  4.2.1 MassDOT will develop risk-based and data-driven protocols for assessing extreme flood vulnerability of roadway stream-crossing structures within the Deerfield River watershed.  4.2.2 State Geologist Steve Mabee housed at UMass-Amherst and FRCOG have developed prototype fluvial erosion hazard maps for portions of the Deerfield River Watershed using the VT Department of Natural Resources' protocols. The MA Team will continue this effort, mapping the mainstem of the Deerfield and the tributaries that directly impact the Target Area. The maps are used by planners and engineers to identify erosion hazard zones and minimize risk of future sediment loading into the river and onto the land, to culverts and green infrastructure.	Co	otal Project Ost 1,132,0	OO Energy – Utility	Energy - Distributed	× Transportaito	Transportation - Alternative	Workforce Development	Stor mwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	× Planning	X Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.3. Grey Infrastructure – Re-Design and Construction	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will use MassDOT's Stream-Crossing Vulnerability Assessment Framework, with color-coded maps of stream-crossings, to assess vulnerabilities of roadway crossing structures and to prioritize 15-20 culverts/ bridges for removal, redesign, and replacement. Replacement sites will be selected based on: flood vulnerability under current and future climates; likelihood that a catastrophic failure would disrupt emergency services; and potential of a replacement to restore ecological processes and increase ecosystem resiliency.	\$ \$	29,948,3	18		X													Х
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.4. 'Green by the Stream' - Riverine Green Infrastructure Design and Construction	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	FRCOG is currently conducting a subwatershed analysis to identify priority areas for interventions, conducting watershed field inventories, reviewing land use regulations, and performing a green infrastructure assessment that will be used to develop a comprehensive Deerfield River Watershed-Based Plan. The plan will include measurable actions to protect water resources and improve climate change resiliency, including recommendations for locations that would benefit from	- \$	6,000,0	00											X			Х	
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.5. Charlemont WWTP and Municipal Complex Climate	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will conduct a feasibility study for relocating Charlemont's municipal complex to avoid future flooding to critical infrastructure and for using the floodplain that is made available from the municipal complex's move to construct floodproofing features at the neighboring Charlemont Sewer District's wastewater treatment plant.	\$ - \$	3,000,0	00						x					X				
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.6. Technical Assistance and Target Area Capacity Building	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will build community capacity related to re- designing of stream-crossings (culverts and bridges), and installing green infrastructure by providing technical assistance and tools to municipalities. MassDOT will develop and deliver an implementation guide to help towns implement stream-crossing replacement projects that meet flood and ecosystem resiliency objectives. DER will provide direct assistance to the Target Area communities related to planning, analyses, engineering and design, and construction of stream-crossings; and completing benefit-cost reviews.	\$	540,0	00		Х									X			X	X
Commonwealth of Massachusetts	Project 4. Deerfield River Watershed Resiliency Project Activity 4.7. Community Outreach	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	FRCOG will engage in a comprehensive public outreach program targeted to municipal officials and regional organizations to identify next steps for implementation. In addition, FRCOG will engage community members, including low and moderate income persons, to weigh in on site selection, the benefits of improved resiliency and the potential for disruptions such as interrupted traffic during construction. Stakeholders will craft sustainable visions of their communities' relationships with rivers which may include delineations of flood hazard, green infrastructure,	\$	50,0	00											X		X		

Applicant Name	Project/Activity Name Project 5. City of	Project/Activity Contact DHCD	Project Description 5.1.1 The MA Team will pursue multiple-benefit green	Total CDBG-NDR Funding	Total Project Cost \$ 8,675,000	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	X Stormwater Management	Buyouts & Relocation	Housing	<b>Economic</b> <b>Development</b>	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	X Green Infrastructure	× Resilient Infrastructure
Massachusetts	Springfield - Recovery and Resilience in a Gateway City Activity 5.1.1. Prioritization of Green Infrastructure using a Heat and Flood Map Activity 5.1.2. Green Infrastructure Implementation and Open Space Creation Activity 5.1.3. Climate Resilient Grey Infrastructure for Flood Control and Protection	Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us	infrastructure opportunities through the application of science, spatial decision support, and project design expertise to find neighborhoods and sites where these multiple-benefits can be realized. The Team will prioritize locations for implementation of green infrastructure through the development of a GISbased decision support tool that targets resilience building, vulnerable communities, and carbon mitigation.  5.1.2 The MA Team will install and implement green infrastructure and create open spaces in prioritized locations (5.1.1). Techniques could include: constructed wetlands; parks; "water smart" playgrounds; green alleys; riparian buffers; conserved areas; and Low Impact Development techniques such as pervious pavement, grassed swales, rain gardens, green roofs, and bio-retention areas.  5.1.3 The MA Team will work with the City to identify grey infrastructure most at risk of failure, particularly with increased precipitation predicted to occur with climate change. This activity will include support of the repair of the Lower Can Horn Reservoir Dam, a high hazard potential dam.																		
Commonwealth of Massachusetts	Project 5. City of Springfield - Recovery and Resilience in a Gateway City Activity 5.2.1 Pump Station Floodproofing Activity 5.2.2 Separation of Combined System at I-91 Activity 5.2.3 Connecticut River Combined Sewer Crossing and Pump Station Activity 5.2.4 Dickinson Siphon/Main Interceptor Rehabilitation	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	5.2.1 The MA Team will permit, design, and construct equipment and systems to harden five of Springfield's seven flood control systems, providing significant operational advantages over the existing equipment.  5.2.2 The proposed project would design and construct stormwater retention/recharge systems to eliminate Interstate highway stormwater discharges to CSO system.  5.2.3 The MA Team will fund the design of a larger river crossing pipe from Springfield to the regional wastewater treatment plant to compensate for increased rainfall and substantial increases in pervious areas contributing increased stormwater to the combined system of the Springfield Regional Wastewater Treatment Facility.  5.2.4 As direct leverage, the MA Team is providing funding to rehabilitate and extend the lifespan of existing infrastructure and to improve hydraulic capacity which allows for mitigation of structural failure leading to sanitary sewer		\$ 15,022,000						x										х
Commonwealth of Massachusetts	Project 6. Planning for Resiliency and Implementation Activity 6.1 Preparation of Phase 1 and 2 NDRC	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	This activity involves preparation of the Phase 1 and Phase 2 NDRC Applications for which the MA Team will seek reimbursement from HUD, to the extent that this is available.	\$ -	\$ 80,000												Х				
Commonwealth of Massachusetts	Project 6. Planning for Resiliency and Implementation Activity 6.2. Project Involvement and Oversight	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	EEA will provide day-to-day support and management of all programs and projects proposed under the MA Team's Phase 2 NDRC application. Activities will include coordinating with application Partners and others on projects as they are planned and implemented	\$ -	\$ 3,000,000																
Commonwealth of Massachusetts	Project 6. Planning for Resiliency and Implementation Activity 6.3. Regional Planning Agency Collaborative	DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	The MA Team will collaborate on projects implemented through this proposal and on previously developed products and capacity, such as those developed through HUD's Sustainable Communities Regional Planning Grant Program, to 1) create best practices and templates and provide training to the Target Areas on preparing climate change adaptation plans that assess vulnerabilities and 2) make recommendations for municipal and regional actions that will prepare the municipalities for disasters and the impacts of climate change.	\$ -	\$ 1,850,000													х			

Applicant Name Commonwealth of Massachusetts	Project 6. Planning for Resiliency and Implementation	Project/Activity Contact DHCD Kathleen Baskin Director of Water Policy kathleen.baskin@state.ma.us 617-626-1012	Project Description  EEA will formalize a pre-existing network of climate change adaptation stakeholders and convene a Climate Change Adaptation and Resilience Collaborative of the MA Team Partners, stakeholders, and other engaged parties to address our goals of adapting to climate change and increasing resilience in the Target Areas and throughout Massachusetts.	Total CDBG-NDR Funding \$ -	Cost	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
Commonwealth of Virginia	Newton's Creek Watershed Project	DHCH Housing Chris Thompson Deputy Director chris.thompson@dhcd.virginia.gov 804-371-7031	Improvement resilience in Hampton Roads region by connecting neighborhoods to the natural environment, economic opportunity and to each other. Creation of an adaptive shoreline and interventions tailored to site-Component 1- Storm Water management will use the old filled creek bed as a water spine around which a network of green-blue corridors will be developed. Component 2- Coastal Protection will create a continuous line of coastal protection using configuration appropriate to land use along the shoreline.		\$ 200,032,000						X									X	
Commonwealth of Virginia	Ohio Creek Watershed Project	DHCH Housing Chris Thompson Deputy Director chris.thompson@dhcd.virginia.gov 804_371_7031	Installation of a series of distributed green infrastructure projects (e.g. rain barrels, bioswales, and rain gardens) combined with the development of coastal living shoreline to address stormwater and coastal protection	\$ 115,549,000	\$ 130,595,000						Х									X	
Commonwealth of Virginia	The Crestwood/Oak Grove Watershed(BO)		Voluntary buyout program coupled with a micro-mitigation program to help homeowners who chose not to sell their properties retrofit for greater protection against flood in the area. The project also includes the demolition of acquired homes to create wetlands that will enhance the attenuation and treatment of storm water flow before discharging to the shorelines of the	ľ	\$ 127,076,125						X	Х									
Commonwealth of Virginia	South Norfolk/Mill Creek Watershed	DHCH Housing Chris Thompson Deputy Director chris.thompson@dhcd.virginia.gov 804-371-7031	Bainbridge elevation and living shoreline project to elevate Bainbridge Boulevard above the 100 year storm base. Includes a plan to reduce the number of lanes by one to convert it to a bike lane. There will also be construction of a roadway overpass that would eliminate railroad crossing. The third component is a voluntary buyout for a blighted residential area.		\$ 7,388,900						X	Х									
Commonwealth of Virginia	Salters Creek Watershed	DHCH Housing Chris Thompson Deputy Director chris.thompson@dhcd.virginia.gov 804-371-7031	Multiple projects including: Chesapeake Avenue Seawall Stabilization and bike path creation, 16th street tide gate and pump station installation to control the back flow of water from Hampton Roads Bay into Salters Creek. Hampton Avenue Channel improvements and constructed wetlands consisting of restoration and stabilization of an existing open drainage channel along an existing city right-of-way. Hard and soft stabilization, such as stone riprap, channel benching, wetlands vegetation, and adding bends to the channel flow. Replacement of the culverts under major avenues as well as construction of tidal wetlands. Salters Creek Stream restoration and stabilization of an existing open drainage channel along an existing city right-of-way. 27th street and Buxton Avenue grade adjustments and drainage improvements with raised pavement grades.		\$ 29,561,200				X		X										x
Commonwealth of Virginia	Coastal Resilience Laboratory and Accelerator Center	DHCH Housing Chris Thompson Deputy Director chris.thompson@dhcd.virginia.gov 804.371-7031	Creation of economic development center that will serve as the nexus for technological and organizational innovation around community revitalization, water management, resilience measurement, and other water-sector business-related resilience challenges.	\$ 5,000,000	\$ 12,000,000								>	(					Х		
County of Cook	Blue Island-Calumet Park 'Complete Communities' Resiliency Project	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Support resilient communities by revitalizing residential, industrial, and commercial properties with significant opportunities for the co-benefit of job creation.	\$ -	\$ 28,891,372																X

Applicant Name		Project/Activity Contact	Project Description	Total CDBG-NDF Funding	Cost		Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
County of Cook	Robbins 'Green Streets' Project	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Green infrastructure in right-of-way for flood mitigation and community enhancement.	\$ -	\$	7,063,788															X	
County of Cook	Riverdale 'Complete Communities' Resiliency Project	Jennifer Miller Program Manager Planning and Development jennifer.miller @cookcountyil.gov 312-603-1072	Revitalization of residential areas and industrial and commercial properties and improvements to open space and public right-of-way for flood mitigation, economic redevelopment, and community enhancement	\$ -	\$	18,779,858						Х			Х						X	X
County of Cook	Dolton 'Green Streets' Project	Jennifer Miller Program Manager Planning and Development jennifer miller @cookcountyil.gov 312-603-1072	Green infrastructure in right-of-way for flood mitigation and community enhancement.	\$ -	\$	7,717,405															X	
County of Cook	Dolton Resilient Housing Project	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Construction of 30 new resilient single-family for-sale homes.	\$ -	\$	12,002,000								X								
County of Cook	Calumet City Resilient Housing Project	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Rehabilitation of 142 multi-family housing rental units, while incorporating resilient measures to provide affordable, resilient housing. Several programs will then be overlaid with these project areas, as well as the wider demonstration area, to build resilience.	\$ -	\$	28,527,403								X						Х		
County of Cook	Calumet City Residential Resilience Program	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Incorporation of resilient features in owner-occupied single family homes	\$ -	\$	6,893,424																X
County of Cook	Cal-Sag Trail Project	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov	Complete a 26-mile multi-use path	\$ -	\$	17,498,198				Х											X	
County of Cook	Education Program	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	An educational program that will build individual capacity by sharing information on climate change and how green infrastructure – particularly on private property – can be a solution.	\$ -	\$	500,000														Х		
County of Cook	Workforce Development Program	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov	A workforce development program that will help prepare residents for available industrial jobs as well as emerging opportunities in the green infrastructure maintenance and installation.	\$ -	\$	1,200,000					Х											
County of Cook	Planning Program	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov 312-603-1072	Site planning for redevelopment, enhancing stormwater modeling capacity, and exploring options for shared services	\$ -	\$	800,000												Х				
County of Cook	Administrative	Jennifer Miller Program Manager Planning and Development jennifer.miller@cookcountyil.gov		\$ -	\$	2,700,000																
County of Dauphin	Wildwood Lake Restoration	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-6254	The goals and objectives of the Wildwood Lake Restoration project are: to improve the overall storage capacity within the Paxton Creek Watershed; to minimize the frequency of flooding in the area; to protect the economic centers downstream; to improve water quality in Paxton Creek, the Susquehanna River, and the Chesapeake Bay; and to maintain and improve habitat for a variety of aquatic flora, fauna, and avian specie. In addition a passive recreation area will be created at the north end of Wildwood Lake to promote community development.		\$	22,307,400			Х													

Applicant Name	Project/Activity Name		Project Description	Total CDBG-NDR Funding	Cost		Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
County of Dauphin	Enhancement and Park Redevelolpment	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-6254	natural park improvements would be made with floodplain enhancements, and to expand and enhance three other existing floodwater relief points that currently provide safety and resilience in the Borough of Lykens. Three areas will be excavated to reconnect the stream channel to the floodplain, and the hard armoring on the southern bank of Wiconsico Creek will be removed. The area will provide for additional passive recreation areas and increased natural habitats for streamside		\$	6,719,220						X									X	X
County of Dauphin	The Capital Area Greenbelt	t Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-6254	The work to be conducted in the "Paxtang Parkway" portion of the system would: directly improve 920 linear feet of stream at four sites; repair and prevent future erosion; include a multi-year control plan against invasive plant species; include public autreach for municipalities.		\$	906,120																
County of Dauphin	Capital Region Water Infrastructure	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-6254	Rehabilitation and reconstruction of Capital Region Water's (CRW) infrastructure. Improvements include pipe replacement, upgrades to substandard and damaged piping, improvements to manhole linings, and installation of pipe lining. Work will also include rebuilding more than 2,000 storm sewer inlets damaged by Tropical Storm Lea		\$	18,208,800												X				
County of Dauphin	The Borough of Steelton Combined Sewer Seperation	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-8254	Replace the old combined sewer system with a separated system. The new system would be designed, to the degree practical, to accommodate the types of storms predicted by climate change modeling.		\$	7,776,000																
County of Dauphin	City of Harrisburg South 14th Street Sinkhole Mitigation Project	Department of Community and Economic Development George Connor gconnor@dauphinc.org	The County and City propose to remove 28 homes and relocate the residents, so that they do not appear to be "orphaned." Next a green, open space would be created for recreation and to serve as an immediate linkage of this LMI neighborhood to the Greenhelt		\$	3,778,554																
County of Dauphin	Woodland Hills Residential Low Impact Development Project	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-6254	Project components would include: All necessary clearing and grubbing of the site, excavation and grading, utility trenching for electric, telephone, cable TV and gas lines, water and sewer line installation, stormwater best management practices, construction on Public ROW, landscaping and tree planting, installation of street lighting, construction of stormwater inlets and manholes, and construction of streets and sidewalks.		\$	16,037,677																
County of Dauphin	Middletown Borough Electric Substation Relocation Project	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-8254	Construction of a new substation with "smart grid" technology in the northern portion of the Borough out of an area prone to flooding.		\$	12,400,000																
County of Dauphin	Lisa Lake (Jednota Flats) Acquisitions and Floodplain Enhancement Project	Department of Community and	This project's goal is to acquire mobile homes and single-family homes located in flood proned area.		\$	15,115,626																
County of Dauphin	Susquehanna Street Park Development	Department of Community and Economic Development George Connor goonnor@dauphinc.org 717-780-6254	The first phase of the project would include the acquisition of up to 40 single-family homes, demolishing the properties, and removing all debris from the site, while conducting hydrologic and hydraulic modeling to understand potential impacts of the park on the Swatara Creek and Susquehanna River floodplains.		\$	20,790,000																
County of Dauphin	Planning and Administration	Department of Community and Economic Development George Connor gconnor@dauphinc.org 717-780-8254	Admin – 4.6%; Planning – 3.2%	\$ -	\$	10,287,600																
Jefferson Parish	Administration	Michelle Gonzales Director of Floodplain Management and Hazard Mitigation mgonzales@jeffparish.net 504-736-6732		\$ -	\$	13,978,387																

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-ND Funding	Со	st	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
Jefferson Parish	Retrofit of Vulnerable Infrastructure (ROVI	Michelle Gonzales Director of Floodplain Management and Hazard Mitigation mgonzales@jeffparish.net 504-736-6732	Retrofit by JP Water that will secure water lines 10 feet below the mud line of the water with cement blocks to ensure that the lines will not be impacted and will deliver clean sanitary water from mainland JP to Grand Isle. Construct a new resilient wastewater treatment plant with new generators and UV equipment at an elevation level of at least +10 feet.	\$ -	\$	23,232,521										X						X
Jefferson Parish	Reshape of Marshland (ROML)	Michelle Gonzales Director of Floodplain Management and Hazard Mitigation mgonzales@jeffparish.net 504-736-6732	Design and construction of an efficient sediment delivery pipeline system from a renewable resource in the Mississippi River through strategic locations in the Barataria Basin. Creation of marshland by pumping hydraulically dredged sediment from the river into designated contained and uncontained areas.	\$ -	\$	110,457,100						Х									Х	
Jefferson Parish	Reshape of Vacant Land	Michelle Gonzales Director of Floodplain Management and Hazard Mitigation mgonzales@jeffparish.net 504-736-6732	Two areas identified to complete green infrastructure projects such as installing streets that incorporate porous design features, drainage adjacent to streets that lead to retention areas, and building a power-independent sewer. Reshaping 4 acres to include removing concrete remnants of old buildings then installing parking fields that absorb water, bike paths extensions, and a parkland that retains stormwater.	\$ -	\$	24,549,959				X		Х									X	
Jefferson Parish	Retrofit of Impervious Land (ROIL)	Michelle Gonzales Director of Floodplain Management and Hazard Mitigation mgonzales@jeffparish.net 504-736-6732	Retrofitting pilot areas with a lot of impervious land. Conduct a study on the ground water levels to make the project defensible.	\$ -	\$	121,328,157						Х						X			Х	
New York City	Coastal Protection West Street Corridor (Western)	Michael Shaikh, Deputy Director of External Affairs at Mayor's Office of Recovery and Resiliency (ORR), mshaikh@cityhall.nyc.gov	Deployable flood barriers to connect the Battery to the existing walls throughout the area and to higher ground on N Moore St., including a deployable pumping solution.	\$ -	\$	121,000,000						Х			X							X
New York City	Coastal Protection: Manhattan Tip (Southern)	Michael Shaikh, Deputy Director of External Affairs at Mayor's Office of Recovery and Resiliency (ORR), mshaikh@cityhall.nyc.gov	Deployable and fixed walls, mechanical gates, deployable panel systems, and earthen berms to protect target area.	\$ -	\$	214,000,000						Х			X							X
New York City	Coastal Protection: Two Bridges (Eastern)	Michael Shaikh, Deputy Director of External Affairs at Mayor's Office of Recovery and Resiliency (ORR), mshaikh@cityhall nyc goy	Construction of a coastal flood protection system that also enhances the connection between the neighborhoods by adding passive seating areas, dog parks, and smaller retail areas, enhancing connections to community facilities	\$ 176,000,00	00 \$	203,000,000						X			X							X
New York City	Stormwater Management through Placemaking	Michael Shaikh, Deputy Director of External Affairs at Mayor's Office of Recovery and Resiliency (ORR), mshaikh@cityhall.nyc.gov	Development of hard infrastructure including underground water storage cisterns beneath public amenities, depressed water storage design, permeable pavement, blue roofs, downspout disconnection from combined CSOs, green infrastructure. Elevation of critical building systems within NYCHA developments, dry flood-proofing through flood barriers and doors, installation of backflow preventers and sump pumps, development of emergency plan, provision for back-up power.	\$ -	\$	30,000,000						X		X							X	
New York City	Multi-family Retrofit Program		Five affordable housing complexes within the floodplain of Lower Manhattan to receive comprehensive resiliency upgrades. Measures include elevation of critical building systems, dry flood proofing through flood barriers and doors, installation of backflow preventers and sump pumps, development of emergency building plans, and provisions of back-up power.	\$ -	\$	40,000,000								Х								
County of Shelby	Administration	Jim Vazquez, Administrator Shelby County Housing 901-222-7602 Jim.Vazquez@shelbycountytn.gov	-	\$ 1,760,53	39 \$	2,071,222																
County of Shelby	Big Creek Wetland and Recreation Area	Tom Needham, Director Publics Works 901-222-2083 Tom.needham@shelbycountytn.gov	Creation of a recreational area, with native vegetation and wetlands, that doubles as a floodplain during severe storms.	\$ 29,487,79	90 \$	44,691,518						X			X							

Applicant Name		Project/Activity Contact	Project Description	Total CDBG-ND Funding	Cos	st	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
County of Shelby	Wolf River Wetland Restoration and Greenway	Tom Needham, Director Publics Works 901-222-2083 Tom.needham@shelbycountytn.gov	Construction of a 36-mile greenway as well as nature-based improvements to adjacent parks that will reduce flooding and increase access to parkland.	\$ 18,554,27	79 \$	56,828,564				X		X									X	
County of Shelby	South Cypress Creek Watershed and Neighborhood Redevelopment	Tom Needham, Director Publics Works 901-222-2083 Tom.needham@shelbycountytn.gov	A series of open space and infrastructure investments that will repurpose vacant lots for community benefit (such as flood protection, and healthy food access) and increase transportation access.		55 \$	12,020,653			Х													X
County of Shelby	Regional Resilience Plan	John Zeanah, Deputy Director OPD, 901-576-7167 john.zeanah@memphistn.gov	Integration of resilience into the existing GREENPRINT regional plan to provide a model for other communities in the region.	\$ 1,785,00	00 \$	2,100,000												X				
St. Tammany Parish	Fritchie Marsh Structural and Hydrologic Restoration	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	The Fritchie Marsh is an area of intermediate to brackish marsh near Slidell that provides both environmental and storm protection benefits to the southern portion of St. Tammany Parish. Resilient St. Tammany will build marsh through a dedicated delivery system that will entail taking 2,312,661 cubic yards of fill material from associated stormwater management projects to create approximately 300 acres of new marsh.	\$ -	\$	12,905,890						X					X					
St. Tammany Parish	Stormwater Detention Ponds	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	Resilient St. Tammany proposes a series of six integrated detention ponds within the Slidell area which encompass three distinct watersheds. The proposed series of ponds will provide approximately 1,480 acre-foot of stormwater storage or enough water to cover 2.3 square miles in one foot of water as well as water quality benefits resulting from improved hydraulics.	\$ -	\$	71,615,436						X									X	
St. Tammany Parish	Stormwater Conveyance	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	The results of the in-depth watershed basin models illustrate the need for increased capacity and improved conveyance to reduce surface water elevations in storm events, because of this St. Tammany will widen and clear 2 vital drainage canals in the area.		\$							X										X
St. Tammany Parish	Tammany Trace Improvements	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	Resilient St. Tammany proposes the installation of a nine-mile extension of the well-trafficked bicycle, pedestrian and equestrian path known as Trace. This extension will bring the Trace into the heart of Slidell and offer added social, economic and physical connectivity to the underserved and vulnerable low to-moderate income (LMI) focus-area population.	\$ -	\$	5,600,000				х												
St. Tammany Parish	Neighborhood Amenity Projects	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	Resilient St. Tammany proposes to repurpose quarter-acre properties in suburban and near-suburban areas as orchards, community gardens, playgrounds, or simple shaded lawns, based on the needs and dynamics of the particular neighborhood. These properties will also provide storage benefit to stormwater projects and decrease flood risks. Resilient St. Tammany will create public/private partnerships that share the burden of long-term maintenance and liability by involving residents of the surrounding neighborhoods directly in the planning efforts and implementation.	\$ -	\$	-											X					
St. Tammany Parish	Landscape Restoration	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze @stpgov.org	Re-grading and restoration of native plant life on Parish-owned propertise.	\$ -	\$	200,000											X					

	Project/Activity Name Neighborhood Parks	Project/Activity Contact Jeanne M. Betbeze Director of Grants	Project Description Resilient St. Tammany will construct North Slidell Revitalization Park and Hiawatha Park. These moderately sized parks will offer		R Total Project Cost \$ 1,475,0	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	X Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
		St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	dedicated recreation facilities to the surrounding LMI community while preserving impervious cover and detaining and polishing stormwater runoff.																		
St. Tammany Parish	Safe Haven Behavioral Health Campus	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	Resilient St. Tammany seeks to develop a phased implementation strategy for the 262,248 square feet of the Safe Haven Behavioral Health Campus (Safe Haven) that must be retrofitted for use. The vision for Safe Haven is to serve as a single "point of entry" into the behavioral health continuum of care for law enforcement, the judiciary and local area hospitals.	\$ -	\$ 24,143,8	90													x		
St. Tammany Parish	Unified Development Code	Jeanne M. Betbeze Director of Grants St. Tammany Parish Government 21410 Koop Drive, Mandeville, LA 70471 p: 985.867-5095 e: jbetbeze@stpgov.org	Resilient St. Tammany will establish new development standards comprised of three distinct initiatives: the Development Code Revision and Reorganization, the Gateway Overlay Project, and Roadway Enhancement Guide. The Development Code Revision and Reorganization will improve regulations in the areas of building code, drainage and flood control, health and sanitation, planning and development, road and bridge construction, utilities, water quality, subdivision development, and zoning. The Gateway Overlay Project will establish design guidelines for the newly established Economic Development Districts (EDD). The Roadway Enhancement Guide will provide recommendations for enhancements to current roadways in the Major Roadway Network and design guidelines for future roadways based on actual right-of-way needs and the Complete Street concept.		\$ 750,0	00											X	X			
State of California	Forest And Watershed Health	Housing and Community Development Susan Naramore Specialist susan.naramore@hcd.ca.gov	Support healthy, resilient forests through restoration, reforestation, strategic forest thinning, biomass removal, and other science-based investments to ensure ecosystem health.	\$ 28,604,459	\$ 40,000,00	00										Х					
State of California	Community Resilience Center	Housing and Community Development Susan Naramore Specialist susan.naramore@hcd.ca.gov o16-26-2.0371	Develop centers that serve the needs of rural communities during emergencies, while providing education and job-training opportunities in natural resources and forest and watershed health.	\$ 19,755,000	55,000,0	00				X									X		
State of California	Biomass Facility and Wood Products Campus		Develop an appropriately scaled and sited facility to use biomass, removed through forest restoration and thinning, to develop wood products and produce electricity.	\$ 22,000,000	22,000,0	00	X									Х					
State of Connecticut	New Haven Stormwater System Long Wharf Canal and Rail yard Protection Berm	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Raised street/berm that will double as the conveyance device (dry canal) for upland storm water and provide a connection between downtown and wharf.	\$ -	\$ 36,828,9	6															X

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR Funding	Total Project	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
	New Haven Street and neighborhood storm water improvements	Michael C. Santoro	Bioswale network using pervious pavement and other natural catchment techniques to retain storm water runoff from upland areas constructed along local streets.	\$	\$ 3,501,200															х	
State of Connecticut		Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Approach includes restoring and creating tidal wetland fringe along the length of Long Wharf Dr. incorporated with the potential for on land and in-water structural features such as sills and narrow, linear created islands to provide protection for stable wetland development.	\$ -	\$ 18,228,600																X
State of Connecticut	Bridgeport University Avenue, elevated street with integral multi-functiona wall	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Elevation of University Avenue to remove the risk to reinvestment and invite new development to strengthen this extension of downtown Bridgeport.	\$ 5,264,000	\$ 5,264,000																X
State of Connecticut	Bridgeport Community Center Restoration	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Construction and rehabilitation of an anchor community center in the South End to serve as a design center and central location for future recovery efforts.	\$ 1,000,000	\$ 1,000,000														x		
State of Connecticut	Bridgeport Earthen berm extending to Ferry Landing onshore CSO treatment park		Construction of a greenway earthen berm to create a new baseline for the establishment of an urban coastal community that will be protected against future storms and sea level rise.	\$ 35,630,063	\$ 35,630,036				X		х									X	
State of Connecticut	Bridgeport Flood Design Guideline recommendations	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Development of new guidelines to incorporate cutting edge flood mitigation technologies.	\$ 330,000	\$ 330,000						х						х				

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR Funding	Cost	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	<b>Economic</b> Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Connecticut	Bridgeport District energy feasibility study	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Analysis of opportunities to utilize microgrids, cogeneration systems, and alternative energy sources to limit disruptions in energy supply due to emergencies.	\$ 350,000	\$ 350,000		X										x				
State of Connecticut	Connecticut Connections Coastal Resilience Plan	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)	Extend this existing planning effort to more communities in New Haven and Fairfield Counties with the goal of providing accessible downscaled inland and coastal flooding information a the watershed scale for inland and coastal municipalities.		8,203,323						X						x				
State of Connecticut	(SAFR) staff management( Admin Costs)	Michael C. Santoro CD Specialist Office of Policy, Research and Housing Support Department of Housing 505 Hudson Street Hartford, CT 06106-7106 860-270-8171 860-706-5741 (fax) 860-913-8361 (cell)		\$ 3,500,000	\$ 5,585,609																
State of Illinois	State of Illinois Resilience Team	Loren Wobig Loren.Wobig@Illinois.gov	PRI, in partnership with the Office of the Governor, will create, via a proposed Executive Order, and facilitate a new State of Illinois Resilience Team. The team will create a lasting legacy of resilience in Illinois through policy changes, committed local engagement, and improved coordination between federal agencies, the Illinois Governor's Office, the Illinois Lt.	\$ -	see below					X								X			
State of Illinois	Illinois Resilience Coordinator	Laura Kammin Ikammin@illinois.edu	PRI will create a new position, State of Illinois Resilience Coordinator, to provide oversight of logistics for the State of Illinois Resilience Team, including planning and facilitation of meetings and calls. The State Resilience Coordinator will be responsible for leading the Illinois Resilience Team members in coordinating state funding to increase the resilience of the state and communities in Illinois as well as developing metrics to track the success of the projects funded by HUD and other capital improvement resilience projects within the state.		\$ 1,122,730					х								X			
State of Illinois	Resilience Technical Assessment Team (RTA Team)	Loren Wobig Loren.Wobig@Illinois.gov	The RTA Team will provide communities with both an on-site technical assessment (Site Design Group) and a social assessment (Social Resiliency Assessment Group) for pilot projects funded through this initiative and future projects undertaken by the State of Illinois Resilience Team.	\$ -	\$ 1,717,547					Х											X
State of Illinois	Rainfall Design	Loren Wobig Loren.Wobig@Illinois.gov	A Resilience Toolbox will be created to support and facilitate community and project resiliency statewide. Initially, this toolbox will include an updated rainfall frequency analysis (replacing the 25-year-old Bulletin 70 analysis), a tool to estimate potential future rainfall characteristics based on evident rainfall trends resulting from climate change, a model stormwater ordinance, and a statewide geospatial database of structural flood risk assessments.	i i	\$ 521,192																

Applicant Name		Project/Activity Contact	Project Description	Total CDBG-ND	Cos	st	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta   Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Illinois	Structure Assessment	Loren Wobig Loren.Wobig@Illinois.gov	In partnership with target communities and their vulnerable floodplain residents, the state through PRI will develop and populate with available data a Statewide Geospatial Database of Structure Flood Risk Assessments.		\$	509,899												X	X			
State of Illinois	Carbondale Greenway	Cary Minnis caryminnis@greateregypt.org		Ť	\$	4,663,100										)	(					X
State of Illinois	Carbondale Roadway	Cary Minnis caryminnis@greateregypt.org	The proposed project would create a new roadway that links multiple ongoing state and county roadway projects: a complete reconstruction of Reed Station Road from Route 13 to Lavern, improving the roadway profile, widening the existing pavement, and adding a dedicated bike lane; a safety project on Herrin Road that is adding paved shoulders, rumble strips, and resurfacing a section of the road; a safety project on Herrin Road to remove dangerous curves and improve the profile of the road at a railroad crossing.	\$ -	\$	15,112,765																X
State of Illinois	The Ottawa Wastewater Treatment Plant (WWTP) berm activity	David Noble cityengineer@cityofottawa.org	Repair the damaged and add a higher floodwall will make it resilient to flooding and prevent \$3.485 million of direct damage each time it floods. To address current and future needs, the City of Ottawa proposes to install a floodwall with 5 feet of freeboard above the current 100-year regulatory flood to protect the facility against flooding damage.		\$	19,805,043																X
State of Illinois	The Downtown (DT) Waterfront	David Noble cityengineer@cityofottawa.org	Transform a downtown brownfield property, obtained by flood buy-out, into an investment and job generator for the city utilizing green infrastructure and sustainable design. It will also create over 20 acres of downtown park space. To accomplish this, the site must be elevated above the floodplain.		see	e Ottawa																Х
State of Illinois	Roanoke	Michael Smith msmith61561@gmail.com	The proposed project is a three-pronged approach that includes buy-out of flood prone properties, building a new community center and raising the elevation of Main Street above base flood elevation		\$	8,178,624							X									Х
State of Illinois	The City of Washington project	Jon Oliphant joliphant@ci.washington.il.us	This project will include multiple approaches to tackling long-term flooding issues within the Washington Estates neighborhood. Projects include rebuilding of homes, addition of storm sewers, building a detention basin, creation of a downstream culvert, and installation of a pedestrian bridge.		\$	2,125,250															Х	X
State of Iowa	The lowa Watershed Approach	Timothy Waddell tim.waddell@iowa.gov 515-725-3002	Watershed monitoring and evaluation, plan and construct best management practices in nine watersheds: Bee Branch, Upper lowa River, Upper Wapsipinicon River, English River, Middle Cedar River, Clear Creek, North Raccoon River, East Nishnabotna River, and West Nishnabotna River.	TBD	\$	94,034,692						Х				X			X			
State of Iowa	Community Resilience Programming	Timothy Waddell tim.waddell@iowa.gov 515-725-3002	Rehab damaged single- and multi-family homes in Dubuque and increase their resilience to future storms.	TBD	\$	72,671,167								Х								
State of Iowa	Administration	Timothy Waddell tim.waddell@iowa.gov 515-725-3002		TBD	\$	6,402,420																
State of Kansas	Voluntary Buyout of Flood Prone Properties & Household Relocation Assistance	Department of Agriculture Tom Morey Floodplain Coordinator tom.morey@kda.ks.gov 785-296-5440	This activity will acquire properties that were damaged during the qualifying event or have owners with unmet recovery needs due to the stigmatization of flood risk.	-	\$	16,911,646							х									

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NI Funding	Cos	t	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Kansas	Green Space and Park Corridor Development	Department of Agriculture Tom Morey Floodplain Coordinator tom.morey@kda.ks.gov 785-296-5440	Acquired property will be utilized to return natural floodplain function to the creek and create a central public green space amenity for the public. The WCWRP seeks to change a negative perception of the creek with a more resilient built environment that gives the stream room to behave naturally and provide residents with a central greenway amenity that will be a focus for well-being, community identity, and economic activity.	•	\$	6,124,000						X					X					X
State of Kansas	Wildcat Creek Rehabilitation and Restoration	Department of Agriculture Tom Morey Floodplain Coordinator tom.morey@kda.ks.gov 785-296-5440	The Wildcat Creek Watershed Resiliency Program will use green infrastructure to initiate a move to an innovative and sustainable system of storm water management within the watershed to address current and future flood risks while piloting a replicable model for the entire state. Benefits will include flood reduction, water quality improvement, sustainability, and adaptability to climate change. Benefits will reach all within the watershed including vulnerable populations.		\$	17,950,850						Х					X				X	X
State of Kansas	Public and Privat Lands Stormwater Detention	Department of Agriculture Tom Morey Floodplain Coordinator tom.morey@kda.ks.gov 785-296-5440	Construction of detention storage in the upper portions of the Wildcat Creek watershed will reduce discharges during high water events and dampen increased risk from future development and climate change. Reducing flood flows with upstream storage is a proven flood prevention method.	\$ -	\$	13,672,000						х										X
State of Kansas	Administration and Planning	Department of Agriculture Tom Morey Floodplain Coordinator tom.morey@kda.ks.gov 785-296-5440	Contractual Administration/Planning	\$ -	\$	1,510,216																
State of Louisiana	Administration	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.Forbes@la.gov		\$ 4,500,0	00 \$	20,623,864																
State of Louisiana	LA SAFE Fund	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov 225-342-1626	Capitalization of a state-administered fund to provide gap financing to public entities and non-profits for resilient housing, transportation, energy, and economic development projects in Louisiana's Coastal Zone.	\$ 39,750,0	00 \$	40,000,000		X	X					X	Х							
State of Louisiana	IDJC Resettlement	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov 225-342-1626	Relocation of the Isle de Jean Charles Band of Biloxi-Chitimacha Choctaw tribe, which has seen a 98-percent loss of land since 1955, to a resilient and historically-contextual community.	a- \$ 48,379,2	49 \$	48,379,249							Х									
State of Louisiana	Plaquemines Polder	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov	Enhance regional resilience against flood risk by compartmentalization of the flood protection system dividing the area into compartments with the use of intermediate levees.	\$ -	\$	46,963,611						Х										X
State of Louisiana	Storm Harbor Network	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov 225-342-1626	Building new infrastructure with hardened sites for fishing vessels and retrofit existing infrastructure with hurricane-resilient pilings and docks, including installing solar photovoltaic systems and battery energy storage.	:	\$	12,000,000		X														X
State of Louisiana	Living Mitigation	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov	Provide sustainable flood risk management using living mitigation (vegetative) techniques.	\$ -	\$	11,440,000						X									X	

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDF	R Total Pr Cost	oject	Energy – Jtility	Energy - Distributed	Transportaito ก	Transportatio η - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Nater Quality	<b>Environmenta</b> <b>Remediation</b>	Planning	Evaluation and Monitoring	Sommunity Education	Green nfrastructure	Resilient nfrastructure
State of Louisiana	Terrebonne Oyster Bed	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov 225-342-1626	Install surge protection system to protect the shoreline and provide wave attenuation to reduce erosion, maintaining low-salinity habitats.		\$	7,432,515											х					X
State of Louisiana	Coastal Nonstructural Mitigation	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov	Develop a planning guide of recommendations for residential elevation and host workshops for communities with significant elevation activities.	\$ -		1,266,408						Х						X		X		
State of Louisiana	Pontchartrain Breakwaters	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov	Provide shoreline protection in the form of breakwaters to create a more resilient shoreline and capture sediment released into Lake Pontchartrain to rebuild the shoreline behind the breakwater structures.	\$ -	\$	4,798,744						X									X	
State of Louisiana	St John Water Works	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov	Utilize the Mississippi River as part of a larger infrastructure build out to increase the well system's capacity and remove vulnerability in anticipation of future economic and population growth.		\$ 84	4,806,490										X						X
State of Louisiana	St John Resilient Housing	Patrick Forbes Division of AdministrationDisaster Recovery Unit Executive Director patrick.forbes@la.gov 225-342-14626	Construct new housing as part of the Parish's Housing Authority communities that are certified LEED and have a CHP system to reduce energy use and expected property damages due to future disasters.	\$ -	\$ 19	9,477,403								X								
State of Louisiana	St John Multimodal Transit		Build a transportation center that provides flexible space for rentals, public meeting, and disaster shelter and staging areas; and develop a smart growth plan for the Parish's highest ground.	·	\$ 10	0,135,580			X									X				
State of Missouri	Building on Our Assets	Sallie Hemenway, Director, Business and Community Services,	A two phased community development program aimed at competting out funds to innovate community driven projects. The first phase will focus on attracting and educating prospective community development organizations. The second phase will assist chosen organizations in forming collaborative partnerships and activities that can be implemented within the program	·	See bre below	eakdown					X			Х	Х			X		Х		X
State of Missouri	Pre-Program	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Planning grants and benefit costs analysis	\$ -	\$	280,000												X				
State of Missouri	Housing	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Includes: housing rehab, down payment assistance, homebuyers counseling, principal cost reduction, capacity building, staffings, marketing, insurance, and legal.	\$ -	\$ 10	0,150,000								X						X		
State of Missouri	Business Development	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Includes: principal revolving loan fund, pre-incubation idea center, shared equipment, business counseling, start-up costs, capacity building, staffing, marketing, insurance, and legal.	\$ -	\$ 23	3,000,000									Х							

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDE		Total Proje Cost	ct	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Missouri	Training	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Includes: on-the-job training, classroom sessions, apprenticeship program, local union programs, Mo Transit while in Training program, Capacity Building, Staffing, Marketing, Insurance, legal, and contracted trainers.	\$	-	\$ 3,59	92,000					Х								•	Х		
State of Missouri	Regional Resilience	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Includes: regional resilience plan, new construction, rehab, acquisition.	\$	-	\$ 3,5	52,349																Х
State of Missouri	Admin	Sallie Hemenway Director Business and Community Services sallie.hemenway@ded.mo.gov 573-751-8497	Administration	\$	-	\$ 1,82	29,967																
State of New Jersey	Resiliency Toolkit	Department of Environmental Protection Robert Marcolina Environmental Specialist Robert.Marcolina@dep.nj.gov 609-633-6466	Lessons learned from the planning grant program will be synthesized into a toolkit to assist other communities across the State and Nation that face similar challenges, facilitating replicability of the State's NDR project, and as important, the multi-sector approach to assessing resilience investment.		,000,000	\$ 15,00	000,000												X				
State of New Jersey	Program admin	Department of Environmental Protection Robert Marcolina Environmental Specialist Robert.Marcolina@dep.nj.gov 609-633-6466	•	\$ 10,	,000,000	\$ 10,97	78,324																
State of New York	Public Housing Resiliency Pilot Project	NYS Housing Trust Fund CorporationGovernor's Office Storm Recovery Kate Dineen Managing Director, NYRCR Program kate.dineen@stormrecovery.ny.gov 212-480-2381	The State will provide funding to PHAs to implement site-specific resiliency interventions based on the Enterprise Community Partners' Ready to Respond Toolkit and soon-to-be-released Multifamily Housing Resilience Strategies.	\$ 35,	800,000	\$ 78,04	40,000								х								
State of Oklahoma	City-wide Drainage Master Plan	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	Prepare hydrologic and hydraulic studies of drainage basins (or sub-basins) throughout Oklahoma City. An analysis will be completed by developing watershed and sub-basin boundaries including points of interest within the project area. P Hydrologic and hydraulic models will be used to evaluate existing conditions and prepare updated floodplains. A comprehensive list of recommendations and actions designed to instill resilient design into the city's stormwater management strategy will be completed and presented to City Council for adoption.		-	\$ 9,50	00,000												Х	X			

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR	Total Project	Energy – Jtility	Energy - Distributed	ransportaito ר	Fransportatio n - Alternative	Norkforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Nater Quality	Environmenta Remediation	Planning	Evaluation and Monitoring	Sommunity Education	Green nfrastructure	Resilient nfrastructure
			City development regulations will be reexamined and partially or fully reconstructed to accomplish the following: 1) Facilitate integration of different land uses, as well as residential densities, building types, and styles while preserving harmony between uses; 2) Encourage infill and redevelopment by allowing increased development densities where appropriate; 3) Facilitate walkability, bikeability, and transit; 4) Increase transportation system connectivity and performance; 5) Enhance environmental and water quality protections; 6) Provide for enhanced quantity and quality of open space; 7) Increase landscaping amount and quality; 8) Improve emergency preparedness, response, and resilience; 9) Preserve the character of rural areas; and 10) Protect airports (including Tinker AFB) from encroachment.	\$ -							w <b>-</b>						x	X		Ü =	
State of Oklahoma	Twin Creeks	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	The activity will consist of approximately 1,122 linear feet of existing concrete lined channel to be widened from 15 to 25 feet. The concrete lining would then be replaced within the widened channel. Immediately downstream of the concrete-lined channel, the activity will include construction of 1,448 linear feet of double 10' x 7' Reinforced Concrete Box culverts (RCBs) on an alignment to the outfall point of the existing two 10' x 7' RCBs.		\$ 5,622,500						X										X
State of Oklahoma	NW 4th Street & Walker Avenue and NW 10th Street & Dewey Avenue Activities	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	The recommended facility improvements will provide for the capture of the 1% storm flows and provide 91 acre-feet of stormwater detention in portions of five proposed locations.	\$ -	\$ 47,328,905						X										
State of Oklahoma	NE 7th Street near BNSF Railroad Activity	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	Recommended alternative facility improvements for the area that will divert the stormwater from the sump area on NE 7th Street and take it under the railroad into a large storm sewer system on the east side.		\$ 686,567						X										
State of Oklahoma	NW 4th Street & Shartel Avenue Activity	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	The recommended facility improvements (Alternative 3) will include providing a new 66" RCP, the pipe will be upsized to a 2-10' x 10' and will be extended.	\$ -	\$ 10,813,279						X										
State of Oklahoma	Edwards Elementary Activity	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	Provide improvements to detain stormwater and release it slowly enough for the downstream system to pass the 50-year flow rate in the system.		\$ 3,933,756						X										

Applicant Name		Project/Activity Contact	Project Description	Total CDBG-NDR Funding	Cost		Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Oklahoma	Will Rogers Park Dam and NW 36th and Venice Activity	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	Activity to remove the levees along the channel within the Park, lowering the bottom in three locations, providing additional storage of 58 acre-feet. An outlet structure will be constructed or the upstream side of the dam that will force the stormwater in frequent storms to be stored more efficiently.		\$	10,149,465						X										X
State of Oklahoma	Belle Isle Bypass	Blaine Sheffield Civil Engineer IV (405) 297-3408 Blaine.sheffield@okc.gov Public Works Department 420 W Main St, Ste 700 Oklahoma City, OK 73102	The proposed activity will consist of constructing 600 LF of double 12' x 12' RCB constructed within the current tunnel, and filling the voids with concrete.	\$ -	\$	6,838,489																X
State of Oklahoma	Lake Thunderbird Basin	Derek Johnson Environmental Unit Supervisor (405) 297-1517 derek.johnson@okc.gov Public Works Department 420 W Main St, Ste 300 Oklahoma City, OK 73102	Stream bank restoration to reduce storm impack and erosion.	\$ -	\$	26,000,000											X					
State of Oklahoma	Oak Grove Community Center	Mark W. Gillett Executive Director Oklahoma City Housing Authority MGillett@ochanet.org 405.605.3219	The proposed community center at Oak Grove will provide a FEMA storm shelter and expand and reinforce the facility which currently houses a Head Start school, a daycare, and add a gymnasium all designed to reduce the risk to the least protected population of Oklahoma City, low to very-low income residents.		\$	7,320,500														X		X
State of Oklahoma	Gateway Academy Activity	Associate Director Chief Housing Officer Mental Health Association Oklahoma	Repurpose a vacant and abandoned school building known as Gateway Academy. The plan is to preserve the existing building and expand the site to provide 59 units of affordable housing. Phase 2 of this project will include new construction of an additional building totaling 36 units and including a safe room fo disaster resiliency.		\$	9,926,888								Х								
State of Oklahoma	Shepherd Manor Activity	Gregory A. Shinn, MSW Associate Director Chief Housing Officer Mental Health Association Oklahoma 1870 South Boulder Avenue   Tulsa, OK   74119 gshinn@mhaok.org Direct Line: (918)382-2479   Cell: (918)850-6685   Fax: (918)743-8845			\$	5,801,930								х								
State of Oregon		Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 y29251	Replace and install an additional energy-efficient pump station for the Elm Ave drainage basin to lift stormwater over the levee; install conveyance piping and a sheet pile wall; and construct detention/retention wetlands.		\$	15,053,110						Х									Х	Х
State of Oregon	Reedsport Multi-Hazard Flood Resiliency Project	5013-378-2941 v29954 Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2941 v22251	Increase the height of the Reedsport levee system to meet the standard in EO 13960.	\$ -	\$	8,467,505						X										X

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDI	R Tot		Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Oregon	Reedsport Bridge Resilience for Survival Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 v22251	Build new bridge to increase the number of structures protected by levee systems and support evacuation plans.	\$ -	\$				X													Х
State of Oregon	Reedsport Water Tank for Long Term Sustainability Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Install a 3.7 million gallon reservoir and seismically reinforced infrastructure to serve the Lower Umpque Hospital for emergency supply.	\$ -	\$	11,647,280										Х						X
State of Oregon	ReHome Reedsport	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-9911 x22251	Through a Homeowner Assistance Program, provide financing and case management needed to homeowners living in damaged and unhealthy homes to purchase homes in safer areas.	\$ -	\$	24,932,050							Х	X								
State of Oregon	Reedsport Small Business Revitalization Grant Program	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Assist business with documented unmet needs to rebuild by providing forgivable grants to repair physical losses and to provide working capital. The program will also include a 10% set aside for innovation projects.	\$ -	\$	2,000,000					X				X							
State of Oregon	Brookings Harbor Safe Drinking Water Resiliency Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Rehabilitate an existing but unused reservoir and install seismic valves on existing water tanks to increase the water resiliency systems for Brookings Harbor.	\$ -	\$	8,618,715										Х						X
State of Oregon	Brookings Harbor Critical Healthcare Resiliency Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Building an addition to the Curry Medical Center in order to greatly expand the capacity and treatment availability of the healthcare facility.	\$ -	\$	17,336,047																X
State of Oregon	Brookings Sewer Storm Disaster Repairs Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 v22251	The project will include the relocation of a sewer pipeline crossing (creek crossing) near the mouth of Mill Creek.	\$ -	\$	1,137,615																X
State of Oregon	Brookings Harbor Multi- Family LMI and Tsunami- Safe Housing Program	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Build a new rental housing development targeted to low and moderate income families outside the tsunami inundation zone. As part of the development, a sewer line extension is also required.	\$ -	\$	4,618,700								Х								X
State of Oregon	Brookings Harbor Electricity Reliability Project	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 v22251	Section upgrades to Coos-Curry Electric Cooperative power lines replacing the existing wood transmission poles in a 2.9 mile stretch, with steel to make the system more resilient to severe weather.	\$ -	\$	5,852,840																X
State of Oregon	DOGAMI Hazard Risk Mapping of Future Landslides	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 v22251	Fund DOGAMI to make use of existing DOGAMI LIDAR data to prepare an inventory of past landslides for Reedsport. DOGAMI will then prepare maps designating areas at high or moderate risk of future landslides.	\$ -	\$	87,050												Х				
State of Oregon	University of Oregon's Community Service Center (CSC) South Coast Resilience and	Office of Emergency Management	Expand the effort to provide technical assistance along the southern Oregon coast to strategically coordinate community resilience efforts in the region. The project activities will assist in implementing a 5-year strategy to share, transfer, and disseminate resilience and recovery planning knowledge and capacity throughout the region. The project will contribute to the integration of resilience planning	\$ -	\$	348,976												X		X		

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CI	DBG-NDR	Total F	Project	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community Education	Green Infrastructure	Resilient Infrastructure
State of Oregon	OSU Co-Developing Alternative Futures for Planning and Decision- Making	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2911 x22251	Fund OSU's work that will directly support HUD's priority to provide the environmental intelligence needed by communities, businesses, and governments in ways they can use to make smart decisions, assess risk, and minimize losses in the face of hazards. They will develop a shared conceptual framework for identifying key change processes, drivers, and policy constraints of the time constal provisions.	\$		\$	564,068												Х		x		
State of Oregon	Administration	Office of Emergency Management Sidra Metzger-Hines Grants Coordinator sidra.metzgerhines@state.or.us 503-378-2941 v22251		\$	-	\$	4,626,932																
State of Tennessee	Jackson Wastewater System Improvements	Kent Archer < Kent.Archer@tn.gov>	Improvements to the JEA Miller Avenue Wastewater Treatment Plant in 3 projects. Project 1- influent structure replacement and peak flow management improvements. Project 2- rehabilitation of the Riverside Interceptor and project 3- improvements in the South Jackson area potable water and sanitary sewer transmission line.		3,300,000	\$	36,500,000																X
State of Tennessee	Dyersburg Wastewater System Rehabilitation	Kent Archer < Kent.Archer@tn.gov>	Evaluation and rehabilitation of the Dyersburg Wastewater System to improve the resilience of the area, which is subject to sanitary sewer overflows and service interruptions.		3,007,500	\$	4,007,500																X
State of Tennessee	Henning Wastewater System Rehabilitation	Kent Archer <kent.archer@tn.gov></kent.archer@tn.gov>	Rehabilitation of a wastewater lagoon levee system to protect from overflow during high-rain events, reducing environmental degradation of the Hatchie River.	\$	1,709,000	\$	1,809,000																
State of Tennessee	Mississippi River Levee Pump Installation	Kent Archer < Kent.Archer@tn.gov>	Installation of a permanent pump system to reduce flooding on the land side of the Mississippi River levee system.	\$	2,900,000	\$	3,200,000						Х										X
State of Tennessee	Dyersburg Wetlands Creation and Recreation Facilities	Kent Archer < Kent. Archer@tn.gov>	Creation of wetlands and recreation space, combined with rehabilitation of existing wastewater infrastructure, in the South Town neighborhood to reduce flood risk and increase community amenities.	\$	4,454,100	\$	6,754,100										Х					X	
State of Tennessee	Forked Deer River Floodplain and Waterway Restoration	Kent Archer < Kent.Archer@tn.gov>	Restoration of two miles of degraded floodplain to increase natural flood control and habitat quality, creating recreation opportunities as well as lowering flood risk in northern Madison County	\$	5,500,000	\$	13,000,000									Х						Х	
State of Tennessee	Jackson Flood Control	Kent Archer <kent.archer@tn.gov></kent.archer@tn.gov>	Replacement of invasive kudzu gullies with constructed wetlands to reduce flooding and increase other beneficial ecosystem services, such as aquifer recharge and sediment control. The City's wastewater treatment system will also be improved by upgrading treatment plant peak flow capacity, interceptors, and transmission lines.	s \$	5,700,000	\$	6,600,000										Х					Х	
State of Tennessee	Cold Creek Chute Restoration	Kent Archer < Kent. Archer@tn.gov>	Restoration of the Cold Creek Chute spillway to decrease flooding and increase wildlife habitat, restoring substance fishing and recreation opportunities.	\$	150,000	\$	200,000									X						Х	
State of Tennessee	Mississippi River Corridor Overlook	Kent Archer < Kent. Archer@tn.gov>	Development and initial implementation of a plan to increase tourism and educational opportunities along the forests and wetlands of the Lower Mississippi River.	\$	1,144,500	\$	1,144,500									X					X		
State of Tennessee	Hazard Mapping, Assessment and Education		Publication and dissemination of research, data, and tools to help communities increase their resilience to flooding through a partnership with the University of Memphis, Vanderbilt University, TDEC, and the Central U.S. Earthquake Consortium.		3,126,731	\$	5,775,657												Х	X			
State of Tennessee	Administration (5%)	Kent Archer < Kent. Archer@tn.gov>		\$	3,510,543	\$	5,510,543																
State of Washington	City of Tacoma- Puyallup River Bridge Type, Size, and Location (TS&L) Study	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	This study will build resilient design parameters for the completion of the Puyallup River Bridge corridor. The study will determine the type, size, and location (TS&L) of the entire corridor and most specifically the river crossing.	\$	·	\$	150,000												X				X

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR	Total P	roject	Energy – Jtility	Energy - Distributed	Transportaito ก	Fransportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Nater Quality	Environmenta Remediation	Planning	Evaluation and Monitoring	Sommunity Education	Green nfrastructure	Resilient nfrastructure
	Pierce County- Climate Adaptation and Disaster Resiliency Program	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	The proposed project establishes Pierce County's Climate Resiliency Program and is intended to serve as a model for how a local government can best write plans, strategies, and implement activities. The objectives of the program include: reduce vulnerabilities; strengthen sustainability in Pierce County; strengthen relationships/partnerships through collaboration; increase community involvement and engagement; improve climate adaptation and resiliency awareness and understanding; improve access to services and information; improve mitigation, recovery, and continuity planning; and, increase tools and resources for planning.	\$ -	\$	774,312						<b>"</b>						Х	x		<u> </u>	
State of Washington	Pierce County – Puyallup Watershed Resiliency and Recovery Project (PWRRP)		This project will be managed by Pierce County DEM (PCDEM) who will contract with Tacoma Pierce County Health Department (TPCHD) to improve the resilience and recovery abilities of communities in the Puyallup Watershed. This effort will develop and pilot the components necessary for replication, as well as further refine, the Public Health Seattle King County (PHSKC) Communities of Opportunity (COO) Program, an existing community engagement and development initiative focused on neighborhoods in small cities.	\$ -	\$	1,650,000														X		
State of Washington	Washington State Emergency Management Division (WSEMD) – S2S Resilience Officer	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	WSEMD seeks to fund a position dedicated to executing the state's resilience work plan. This Resilience Officer will: 1) Facilitate inclusive communication of all state agencies on resiliency to reduce duplicative work; 2) Leverage scientific data developed both within and outside of the Summit to Sea (S2S) project scope to be applied across organizational boundaries and disciplines; 3) Coordinate community engagement; 4) Increase resilience project synergy, and 5) Serve as a pilot position for a statewide Resilience Officer executing the Resilient Washington	•	\$	397,675					X											
State of Washington	Washington State Emergency Management Division (WSEMD) – Resilient Recovery Planning	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe @commerce.wa.gov 360-725-3018	Based on recommendations included in the Resilient Washington State Initiative, this project will advance resilient recovery strategies in Washington State and its communities by helping local jurisdiction policy and decision makers navigate the projected permitting process during recovery and serve as a catalyst for dialog on actions needed to improve post-disaster		\$	200,000					X							X				
State of Washington	Washington State Department of Natural Resources Division of Geology and Earth Resources (DGER) — Geological Hazard and Risk Assessments for Improvement of Natural Disaster Emergency Response, Mitigation,	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	DGER will prepare maps/information, give technical support, and educate people/communities to better understand geologic hazards affecting them and make their communities more resilient.	-	\$	313,400												X		X		
State of Washington		CDBG Program Manager d kaaren.roe@commerce.wa.gov 360-725-3018	The team proposes an integrated approach that applies state-of- the-art methods to quantifying the change in flood risk and its impacts, and simultaneously engages communities in using that information to identify risks and prioritize responses. The work will be divided into two components: 1) Updating the scientific models and 2) Engaging communities.	-	\$	748,106												X		X		

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR Funding	Total Project Cost	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community	Green Infrastructure	Resilient Infrastructure
State of Washington	Washington State Department of Natural Resources Urban & Community Forestry Program (UCF) – Tree Inventory & Canopy Analysis	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	This project has 7 unique projects in the focus of Pierce County.  1) Standardized inventories of publicly owned trees within participating cities 2) A regional inventory of trees across all ownerships and participating cities. 3) A regional urban tree canopy (UTC) assessment. 4) Data-based urban forest management plans that include an emergency response component for each participating city. 5) Training for municipal staff on use and applications of inventory/assessment data.  6) Outreach and education to citizens and decision-makers.  7) Technical assistance to communities and NDRC project partners.		\$ 15,593,	503													x		
State of Washington	Pierce County – All- hazards Public Education and Sirens	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	The primary objective of this project is to extensively educate the public about the hazards and risks they face, and then to teach and motivate people to take appropriate, necessary actions to prepare themselves, their families, their neighborhood, and their community. The second objective for the project is upgrade and expand the all-hazard sirens to include full coverage of all six river valleys by PCDEM.		\$ 7,500,	000													x		X
State of Washington	Pierce County – Resiliency through Floodplains by Design	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	The strategy of the projects is to provide significant flood control and ecological lift to the Puyallup River as a system rather than a site by site approach. The Puget Sound Partnership identified over 13,500 acres of disconnected flood plain in the Puget Sound Basin; these projects reconnect over hundreds of acres of flood plain.		\$ 57,895,	234					Х					Х					
State of Washington	Washington State Department of Transportation (WSDOT) – South Prairie Creek Tributary Culvert Replacement	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	The existing culvert at this location is experiencing structural failure. This project will replace or repair the existing culvert providing improved drainage and preserving the structural integrity of the roadway.		\$ 1,350,	000															X
State of Washington	Washington State Department of	Department of Commerce Kaaren Roe CDBG Program Manager kaaren.roe@commerce.wa.gov 360-725-3018	WSDOT proposes replacing an undersized culvert with a properly sized, stream simulation culvert or bridge on an unnamed tributary to North Fork Clover Creek.	-	\$ 3,000,	000															X
State of West Virginia	Morrisvale-Cameo Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Boone County PSD: Extend public water service and fire protection into the Morrisvale/Cameo Big Horse area of Boone County. The project will bring water service and fire protection to 172 potential customers in Boone and Lincoln Counties. Additionally, the activity will provide water service to one of the post mine sites to be evaluated in the PMLD Program.	· ·	\$ 4,421,	346									х						х
State of West Virginia	Ranger Bottom & Fourteen Mile Creek Road Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Branchland-Midkiff PSD: Provide safe and reliable drinking wate service and fire protection to approx 49 potential customers (125 people) in the communities of Ranger Bottom, Route 10 Vannaters Creek, and Fourteen Mile Creek. The project will include construction of approx 28,990 feet of water mains, one booster station, and fire hydrants. The residents in the area currently use wells for their water and complain of water quality and quantity problems.		\$ 2,320,	000									x						X
State of West Virginia	Lower Mud River Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Lincoln County PSD: Provide water service and fire protection to approx 164 potential residential and small commercial customers (410 people) in the Lincoln County communities of Lower Mud River, Laurel Creek, Straight Fork, Buffalo Creek, Little Buffalo Creek, and surrounding areas. The project consists of construction of approx 92,690 linear feet of water main, one 105,000 gallon storage tank, one pressure reducing station, and 61 fire budgate.		\$ 6,452,	000									х						x

Applicant Name	Project/Activity Name	Project/Activity Contact	Project Description	Total CDBG-NDR	Total Project	Energy – Utility	Energy - Distributed	Transportaito n	Transportatio n - Alternative	Workforce Development	Stormwater Management	Buyouts & Relocation	Housing	Economic Development	Water Quality	Environmenta I Remediation	Planning	Evaluation and Monitoring	Community	Green Infrastructure	Resilient Infrastructure
State of West Virginia	Big Harts Phase III Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Logan County PSD: Make water available to approx 100 potential residential and small commercial customers (250 people) in the communities of Smokehouse Fork and Browns Run. All residents in the proposed service area use privately owned wells. The activity includes construction of approx 36,260 linear feet of water mains and 12 fire hydrants.	\$ -	\$ 2,982,000										x						x
State of West Virginia	Chapmanville Phase II Water System Upgrade	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Town of Chapmanville: Improve reliability and enhance service to approx 173 customers (430 people). The project includes construction of approx 16,100 linear feet of water mains and fire hydrants, improving fire protection in the area. The project will reduce the system's unaccounted water from over 50% to under 15%, increasing system efficiency.		\$ 2,529,000										x						X
State of West Virginia		Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Town of Gilbert: Involves construction of approx 13,210 linear feet of water main, one 250 gallon per minute booster station, one 200 gallon per minute booster station, and fire hydrants. The activity will provide service to approx 33 new residential and small commercial customers (82 people) in the Verner and Paynter Bottom areas.	\$ -	\$ 2,229,000										х						X
State of West Virginia	Gilbert Water Treatment Plant	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Town of Gilbert: Involves replacing all components of the existing treatment plant, with the exception of the raw water intake. The new plant will serve approx 3,893 customers (10,500 people). All above ground components of the new plant will be located outside the 100-year floodplain, above an elevation of 816.7, thus making them more resilient.	•	\$ 6,487,000										х						x
State of West Virginia	Barkers Ridge/Basin Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Eastern Wyoming PSD: Includes construction of approx 34,420 feet of water main, one constant run booster station, and fire hydrants. The project will provide safe/reliable drinking water and fire protection to 60 potential residential and small commercial customers (180 people) in the Barkers Ridge area of Wyoming County.		\$ 2,939,945										х						x
State of West Virginia	Waterline	Department of Commerce Development Office Kelly Workman Project Development Manager Kelly.A.Workman@wv.gov 304-957-2077	Eastern Wyoming PSD: Includes construction of approx 134,700 feet of water main, one 53,000 gallon storage tank, one 74,000 gallon storage tank, one 50 gallon per minute booster, and 31 fire hydrants. The project will provide upgraded and new service, as well as fire protection to 70 existing and 88 new residential and small commercial customers (395 people) in the Beartown, Herndon Heights, Clark's Gap, and Wagon Wheel areas of	,	\$ 9,388,000 \$ 5,642,900,423										x						x