

Appendix H: Bergen County Mitigation Actions

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Allendale	201-001-14	Acquire Emergency Backup Generators	Power loss	Existing	Energy Allocation	2	High	High	Supports Borough Emergency Preparedness Plan	High		1 year	Borough of Allendale OEM Director, Director of D.P.W. and Fire Chief	HMGP, PDM

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Bergen County Utilities Authority	BCUA-001-14	Floodproofing and Retrofits to Bar Screen Building No. 2; Joint Meeting Pump Station; Pink Avenue Pump Station	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater conveyance and treatment through the plant. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-002-14	Flood proofing, construction of flood barriers around buildings and raising assets/replacing with submersible units.	Flood, Hurricane Surge	Existing Structure	Structure and Infrastructure	2,3	High	High	provide critical service to the community in the form of wastewater conveyance and treatment through the plant. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-003-14	Floodproofing and Retrofits to Switchgear Building; CoGen Building;	Flood, Hurricane Surge.	Existing and Future Structures	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater conveyance and treatment through the plant. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-004-14	Floodproofing and Retrofits to Substation 2 and 3	Flood, Hurricane Surge.	Existing Structure		2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater conveyance and treatment through the plant. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-005-14	Floodproofing and Retrofits to Conveyance Disinfection and Primary Sludge Removal Buildings	Flood, Hurricane Surge	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater conveyance and treatment through the plant. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	
Bergen County Utilities Authority	BCUA-006-14	Raising assets.	Flood, Hurricane Surge	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater treatment. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources

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Bergen County Utilities Authority	BCUA-007-14	Floodproofing and Retrofits to Blowers Substation and Grit Removal Buildings	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater treatment. It helps protect health and safety of the community and protection of the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-008-14	Floodproofing and Retrofits to Secondary Sludge Pumping Stations	Flood, Hurricane Surge	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater treatment. It helps protect health and safety of the community and protection of the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-009-14	Floodproofing and Retrofits to Sludge Processing Building	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater treatment. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-010-14	Floodproofing and Retrofits to Substations 5 and 6	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater treatment. It helps protect health and safety of the community and the environment.	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA and other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-011-14		Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	High	High	Allows BCUA to continue to provide critical service to the community in the form of wastewater conveyance and treatment. It helps protect health and safety of the	High		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-012-14	Floodproofing and Retrofits to Administration Building	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	Med	High	Allows BCUA to continue its administrative functions to provide wastewater conveyance and treatment.	Med		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-013-14	Floodproofing and Retrofits to Warehouse Building and Shops, Old Administration Building and Shops Building	Flood, Storm Surge	Existing Structure	Structure and Infrastructure	2,3	Med	High	Allows BCUA to continue to provide support for operations.	Med		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources

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Bergen County Utilities Authority	BCUA-014-14	Floodproofing and Retrofits to North Gate	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	Med	High	Allows the BCUA to continue to provide power to the gate and expedite emergency repairs to the security gate after a storm event. This will help maintain the security for the wastewater conveyance and treatment facilities.	Med		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection sources
Bergen County Utilities Authority	BCUA-015-14	Floodproofing and Retrofits to Stormwater Pumping Station	Flood, Hurricane Surge.	Existing Structure	Structure and Infrastructure	2,3	Med	High	This mitigation will help the community to have continuous access to the nature path.	Med		Based on ability to secure funding.	BCUA	HMGP, PDM, NJEIT, JMA, other state and federal environmental protection

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Borough of Bergenfield	203-001-14	Roy W. Brown Middle School Emergency Generator	Coastal Storm	Upgrades to existing building	Structure and Infrastructure	1,2	High	Med	Provide for the public welfare.	High		6 months once funding is in place.	Borough of Bergenfield	HMGP, PDM
Borough of Bergenfield	203-002-14	Lightning Detection System	Coastal Storms	New equipment to be installed.	Preparedness and Response	1	High	High	Supports emergency management operations	High		6 months	Borough of Bergenfield	Capital funds, Other government funding sources
Borough of Bergenfield	203-003-14	Outdoor Warning System	Coastal Storms	New equipment to be installed.	Preparedness and Response	1	High	High	Supports emergency management operations	High		6 months once funding is secured	Borough of Bergenfield	Capital funds, Other government funding sources
Borough of Bergenfield	203-004-14	Front Street Storm Sewer Improvements	Flooding	Improving existing infrastructure	Structure and Infrastructure	3	High	High		High		1 year once funding is secured	Borough of Bergenfield	Capital Funds, HMGP, PDM
Borough of Bergenfield	203-005-14	Wilbur Road Storm Sewer Improvements	Flooding	Improving existing infrastructure	Structure and Infrastructure	3	High	High		High		1 year once funding is secured	Borough of Bergenfield	Capital Funds, HMGP, PDM

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Carlstadt	205-001-14	Drainage and roadway improvements to alleviate flooding	Flood	Existing	Structure and Infrastructure	3,4	High	High	None at the moment	High		2 years, based on funding	Borough of Carlstadt	Capital Funds, HMGP, PDM

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Borough of Closter	207-001-14	Bridge for county route 505 at intersection of county route 102	Flooding of roadway from Oradell Reservoir	addresses existing structures	Structure and Infrastructure	2,3	High	High		High			Bergen County	Capital Funds, HMGP, PDM, other governmental funding sources

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Cresskill	208-001-14	Replacement generators for pump houses on Grant Avenue and Fifth Street	Loss of power due to flooding	Existing facilities	Energy Allocation	2	High	Low	continuity of operations	High		1 year	Cresskill DPW	HMGP, PDM

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Borough of Dumont	210-001-14	Installation of a retention pond allowing run off and streams to collect water and release same at a safe and reasonable rate.	flooding	Future - proposed	Natural Systems Protection	3	High	High	none	High		1 to 1.5 years.	Local governments officials, engineering firm, DEP, EPA. ,	NJEIT funding, HMGP, PDM, FMA, RFC, SRL
Borough of Dumont	210-002-14	Maintenance of brooks, streams and runoff routes.	flooding	continued	Natural Systems Protection	3	Med	Med	none	Med		no extended time period. This is a monthly function.	Dumont DPW ,	N/A No funding needed; would be added to DPW function
Borough of Dumont	210-003-14	Emergency Alert System	emergency alerting	existing with expanded action.	Preparedness and Response	1,3	High	Low	none	High		less than 1 year.	Boro of Dumont, PD	N/A No funding required
Borough of Dumont	210-004-14	Installation of generators in two locations the boro has designated as shelter within the borough of Dumont.	Safe room/ Shelter	proposed future	Energy Allocation	1,2	High	Low	none	High		two to three months to install and hook op.	Boro of Dumont, BOE	HMGP, PDM

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East Rutherford	212-001-14	Feasibility study into flood protection measures (e.g. pumps, strm.mgmt. upgrades)	Flooding	Existing	Local Plans and Regulations	1, 3, 5	High	High	General public safety - protection of life and property from flooding	High		2014-2015	OEM	Municipal budget, other governmental funding sources
East Rutherford	212-002-14	A Snow Plan to guide the preparation and response to severe winter weather.	Severe Weather - Winter Storms	Existing	Local Plans and Regulations	1, 3, 5	Med	Low	Builds upon the Borough's Emergency Operations Plan	High		Complete by September 2014	OEM	Municipal budget, other governmental funding sources
East Rutherford	212-003-14	Floodproofing of critical facilities from damage and power loss	Severe Weather - Hurricane	Existing	Structure and Infrastructure	2,3	High	High	General Public Safety and Continuity of Operations	High		Plan by Year End 2014. Implement in 2015.	OEM	Capital funds, HMGP, PDM
East Rutherford	212-004-14	Develop a Shelter Needs list and Response Plan	All Hazards	Plan for future events	Local Plans and Regulations	1, 3, 5	Low	Low	General Public Safety	High		Complete by June 2014	OEM	Municipal budget, other governmental funding sources
East Rutherford	212-005-14	A Hurricane Plan to guide the preparation and response to Hurricane conditions	Severe Weather - Hurricane	Plan for future events	Local Plans and Regulations	1, 3, 5	Med	Low	General Public Safety - Builds upon Borough Emergency Operations Plan	High		Complete by June 2014	OEM	Municipal budget, other governmental funding sources
East Rutherford	212-006-14	Install approved secondary traffic control devices at applicable intersections	Power Outage	Assists in traffic control/ public safety during future events	Structure and Infrastructure	1	High	Med	General Public Safety - Builds upon Borough Emergency Operations Plan	Med		Complete by August 2014	ER Police, DPW	Municipal Budget, Capital funds, other government funding sources
East Rutherford	212-007-14	Cleaning of all catch basins and stormwater management lines	Flooding	Protect against future flood events	Structure and Infrastructure	3	Med	Low	Overall maintenance and upkeep of municipal infrastructure	High		Complete by July 2014	East Rutherford DPW	Municipal budget, other governmental funding sources
East Rutherford	212-008-14	Installation of generators at three public schools/shelters within the Borough	Loss of Power	Future	Energy Allocation		High	Low	only ensures continuity of operations, but also assists in the emergency response function. Schools serve as emergency shelters.	High	High	Complete construction by end of 2017	Joint effort of BOE and OEM	CIP, HMGP

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Borough of Edgewater	213-001-14	Raise generator addition height.	Flooding	Existing	Energy Allocation	2,3	High	Low	Continuity of operations Emergency Services	High		12 months	Borough of Edgewater	HMGP, PDM

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Borough of Elmwood Park	211-001-14	Install a generator to provide emergency power to Borough evacuation center	Emergency power	Existing structure	Energy Allocation	1,2	Med	High	This action will directly benefit the community by providing an evacuation center that will be accessible during power failures	High		1 year	DPW	HMGP, PDM

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Borough of Emerson	214-001-14	Acquire generator for shelter	Back up power	Add generator to current structure.	Energy Allocation	1,2	High	High	Supports residents in time of need.	High			Borough of Emerson	HMGP, PDM
Borough of Emerson	214-002-14	Acquire generator for Fire and Rescue Annex, which serves as shelter	Back up power	Add generator to current structure.	Energy Allocation	1,2	High	High	Supports residents in time of need.	High			Borough of Emerson	HMGP, PDM
Borough of Emerson	214-003-14	Acquire generator for high school which serves as shelter	Back up power/generator	Add generator to current structures.	Energy Allocation	1,2	High	High	Supports residents in time of need.	High			Borough of Emerson	HMGP, PDM

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City of Englewood	215-001-14	Connection and wiring of previously installed generators to add'l sections of two public educational facilities, designated as the all hazards primary and secondary emergency shelters, respectively.	Utility Failure	Future	Energy Allocation	1,2	High	High	Provides sufficient power to utilize the school buildings as shelters, reception centers, food services kitchens, etc...during times when utility failures are impacting the City of Englewood	High		To be determined	City of Englewood	HMGP, PDM

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Borough of Englewood Cliffs	216-001-14	Install emergency generator for Borough Hall Building 482 Hudson Terrace	Utility Failure	Existing	Energy Allocation	2	High	High		High			Borough of Englewood Cliffs	HMGP, PDM
Borough of Englewood Cliffs	216-002-14	Installation of emergency generator at DPW Building 342 Hudson Terrace	Utility Failure	Existing	Energy Allocation	2	High	High		high			Borough of Englewood	HMGP, PDM
Borough of Englewood Cliffs	216-003-14	Installation of backup generator for police communications-Johnson Avenue - Water Tower	Utility Failure	Existing	Energy Allocation	2	High	High		High			Borough of Englewood Cliffs	HMGP, PDM

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Borough of Fair Lawn	217-001-14	Plaza Road Sewer Pump Station-Install a third submersible pump in the dry well and install new piping into the pump discharge header	Flooding	Existing	Structure and Infrastructure	1,2,3,5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-002-14	South Siphon Sewer Pump Station - Install one bypass pump permanently	Flooding	Existing	Structure and Infrastructure	1,2,3,5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-003-14	Saddle River Road Sewer Pump Station -Improve the drainage and pumping capabilities to prevent flooding and backflow	Flooding	Existing	Structure and Infrastructure	1,2,3,5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-004-14	Prospect Street Sewer Pump Station - Covert the two compartment stations into one complete wet well and install submersible pumps and bring all controls above flood level	Flooding	Existing	Structure and Infrastructure	1,2,3,5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-005-14	homes of the Repetitive Loss Properties in the Lyncrest neighborhood	Flood	existing	Structure and Infrastructure	1,3,5	High	High	Support open space preservation	High		5 years	Borough Open Space Committee	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of Fair Lawn	217-006-14	Acquire homes of the Repetitive Loss Properties in the Columbia Heights neighborhood	Flood	Existing	Structure and Infrastructure	1,3,5	High	High	Support open space preservation	High		5 years	Borough Open Space Committee	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of Fair Lawn	217-007-14	Acquire homes of the Repetitive Loss Properties in the Warren Point neighborhood	Flood	Existing	Structure and Infrastructure	1, 3, 5	High	High	Support open space preservation	High		5 years	Borough Open Space Committee	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of Fair Lawn	217-008-14	Movement of departments out of flood zone to new facility	Flooding	Existing	Structure and Infrastructure	1, 3, 5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of Fair Lawn	217-009-14	Move Emergency Operations Center to stand alone facility	Loss of Utilities	Existing	Structure and Infrastructure	1, 3, 5	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of Fair Lawn	217-010-14	Install generators at critical facilities (fire houses, Ambulance and Rescue Bldg.)	Loss of Utilities	Existing	Energy Allocation	2	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-011-14	Install generators at traffic lights	Loss of Utilities	Existing	Energy Allocation	2	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM
Borough of Fair Lawn	217-012-14	Placement of folding stop signs	Loss of Utilities	Existing	Preparedness and Response	1	High	Low	Support capital improvement projects	High		5 years	Borough	Capital funds, Other government
Borough of Fair Lawn	217-013-14	Elevation and movement of pool structure further inland and elevate	Flooding	Existing	Structure and Infrastructure	3	High	High	Support capital improvement projects	High		5 years	Borough	HMGP, PDM, FMA, RFC, SRL, Blue Acres

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Franklin Lakes NJ	220-001-14	Add circuits to allow full scale sheltering at Primary Red Cross shelter	Need for emergency sheltering		Energy Allocation	1, 2	High	High	Enhance emergency preparedness	High		Now	OEM	HMGP, PDM
Franklin Lakes NJ	220-002-14	Add circuits to allow full scale sheltering at Secondary Red Cross shelter	Need for emergency sheltering		Energy Allocation	1, 2	High	High	Enhance emergency preparedness	High		Now	OEM	HMGP, PDM

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Borough of Glen Rock	222-001-14	Replace old sewer pumps	Sewerage	Existing	Structure and Infrastructure	1, 2, 3	Med	Med	No	High		1 yr	DPW	HMGP, PDM
Borough of Glen Rock	222-002-14	Replace temporary with permanent	Sewer Pumping Temporary Building	Existing	Structure and Infrastructure	1, 2, 3	Med	Med	No	Med		2-3 yrs	DPW	HMGP, PDM
Borough of Glen Rock	222-003-14	Replace old sewerage pumps	Sewerage	Existing	Structure and Infrastructure	1, 2, 3	Med	Med	No	Med		3-4 yrs	DPW	HMGP, PDM

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Borough of Harrington Park	224-001-14	Dredging of Pondsides Park Pond, stabilization of eroded banks and construction of rip-rap at discharge pipes.	Protection of Natural Resources & Flood Mitigation	Existing	Natural Systems Protection	3, 5	High	High		High		1 year upon securing of funding	Borough of Harrington Park	HMGP, PDM, FMA, RFC, SRL
Borough of Harrington Park	224-002-14	Install 5 Generators (One each for the Library, Borough Hall, Public School, DPW Building and Fire Department)	Loss of Utilities (Electric)	Addresses existing structures	Energy Allocation	2, 3	High	High		High		1 year upon securing of funding	Borough of Harrington Park	HMGP, PDM
Borough of Harrington Park	224-003-14	Building a new, higher bridge and building up the roadway above the 100 year flood plan.	Flooding from roadway from Oradell reservoir.	Addresses existing structures	Structure and Infrastructure	1, 3, 5	High	High		High		1 year upon securing of funding	Borough of Harrington Park	HMGP, PDM

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Borough of Hasbrouck Heights	225-001-14	Generator with automatic transfer switch	Power loss at Public Works facility		Energy Allocation	2, 3	High	High				3 yrs.	Borough DPW Supt.	HMGP, PDM

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Borough of Haworth	226-001-14	Trim and prune trees along major access routes (Sunset Avenue, Lake Shore Drive, Haworth Avenue, etc.) to prevent tree fallings during wind, ice events.	Flood	N/A	Natural Systems Protection	5	High	Low	Prevent road closures of emergency access routes during wind and ice events.	Med		3 years	Borough of Haworth (DPW)	Municipal budget, other governmental funding sources
Borough of Haworth	226-002-14	Replace and widen the deteriorating culvert (Haworth Brook at Haworth Ave)	Flood	Modify existing structure.	Structure and Infrastructure	1, 3, 5	High	Med	Maintain open routes for emergency service vehicles.	Med		5 years	Borough of Haworth (Engineering)	HMGP, PDM
Borough of Haworth	226-003-14	Replace and widen the deteriorating culvert (Kip's Brook at Haworth Ave)	Flood	Modify existing structure.	Structure and Infrastructure	1, 3, 5	High	Med	Maintain open routes for emergency service vehicles.	Med		5 years	Borough of Haworth (Engineering)	HMGP, PDM
Borough of Haworth	226-004-14	Pipe the catch basins to the nearest stormwater system.	Flood	Modify existing structure.	Structure and Infrastructure	1, 3, 5	High	Med	Reduce flooding, prevent icy roads in winter.	Med		5 years	Borough of Haworth (Engineering)	HMGP, PDM
Borough of Haworth	226-005-14	Provide back-up generators to the DPW Building #2 and Haworth School.	Loss of Power	N/A	Energy Allocation	2, 3	Med	Med	Provide safe shelter during extended loss of power.	Med		5 years	Haworth (DPW/Board of Education)	HMGP, PDM
Borough of Haworth	226-006-14	Provide an emergency access bridge over the train tracks.	Emergency Access - Train Incident	N/A	Structure and Infrastructure	1	Med	High	Provide emergency access route during train failure/accident.	Low		10 years	Borough of Haworth	HMGP, PDM

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Borough of Hillsdale	227-001-14	Provide back-up generators to the schools.	Loss of Power	N/A	Energy Allocation	2, 3	Med	Med	Provide safe shelter during extended loss of power.	Med		5 years	Borough of Hillsdale BOE	HMGP, PDM
Borough of Hillsdale	227-002-14	Relocate the DPW out of the floodplain. Property to be kept as open space.	Flooding	Future	Structure and Infrastructure	2, 3, 5	Med	High	Provide emergency services during flood events.	Low		10 years	Borough of Hillsdale	HMGP, PDM, FMA, RFC, SRL

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Ho-Ho-Kus	228-001-14	Acquire 3 portable generators for emergency sewer operation and acquire 1 fixed generator for emergency operation of Fire House	Upgrade and rebuild power supply	Dual powered capabilities	Energy Allocation	2, 3	High	High		High		Bid opening scheduled April 2014	DPW and OEM	Capital funds, other government funding sources, HMGP
Borough of Ho-Ho-Kus, NJ	228-002-14	remove various hazards to alleviate flooding	Flood and storm water storage	Borough engineer to design land area for safety. remove safety hazards.	Structure and Infrastructure	1, 4	High	High	Supports open flood way and wetlands storage	High		2 years	OEM, DPW and Borough Engineer	HMGP, PDM, Bergen County Open Space Grant

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Leonia	229-001-14	Emergency generators for the Borough Hall	Loss of use of primary administrative offices due to loss of power	Existing	Energy Allocation	2, 3	High	High	This project would support all municipal functions during emergencies.	High		Undetermined	Borough Admin Jack Terhune	HMGP, PDM
Borough Of Leonia	229-002-14	Emergency generator for municipal recreation center	Lack of power at shelter facility	Existing	Energy Allocation	2, 3	High	High	This project will allow the municipality to provide a shelter for the residents.	High		Undetermined	Borough Admin Jack Terhune	HMGP, PDM
Borough of Leonia	229-003-14	Lightning detection and warning system to provide protection for the municipal parks and fields.	Prevention of injury/fatality due to lightning	Existing	Preparedness and Response	1	High	High	This project will provide an increased level of protection for the residents of Borough of Leonia.	High		Existing	Borough Administrator Jack Terhune	Capital funds, other government funding sources

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Little Ferry	230-001-14	Improved storm water management along a public ditch in a residential neighborhood to reduce repetitive loss	All hazards	Existing	Structure and Infrastructure	3, 5	Low	Med	Unmet need, protect safety and welfare, reduce repetitive loss	High		1 year	Borough of Little Ferry; Bergen County	HMGP, PDM
Borough of Little Ferry	230-002-14	Adoption of more resilient building codes	All hazards	Future	Local Plans and Regulations	2, 3, 4, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-003-14	Adoption of density controls within the land use ordinance/plans	Density controls	Existing and future	Local Plans and Regulations	2, 3, 4, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-004-14	Adoption of design review standards to ensure sustainability, neighborhood characteristics and resiliency	Design review standards	Existing and future	Local Plans and Regulations	2, 3, 4, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-005-14	Adoption of environmental review standards to ensure sustainability, neighborhood characteristics and resiliency	Flooding	Existing and future	Local Plans and Regulations	2, 3, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	HMGP, PDM, FMA, other government funding sources
Borough of Little Ferry	230-006-14	Adoption of Floodplain development regulations to ensure sustainability, neighborhood characteristics and resiliency	Flooding	Existing and future	Local Plans and Regulations	2, 3, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-007-14	Review/adoption of Subdivision and development regulations to ensure sustainability, neighborhood characteristics and resiliency	All hazards	Existing and future	Local Plans and Regulations	2, 3, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-008-14	Review/adoption of Coastal zone management regulations to ensure sustainability, neighborhood characteristics and resiliency	Flooding	Existing and future	Local Plans and Regulations	2, 3, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-009-14	Open Space Preservation - develop Open Space Plan	Flooding	Existing and future	Local Plans and Regulations	2, 3, 5	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-010-14	Establishment of performance standards	All hazards	Future	Local Plans and Regulations	2, 3, 5	Low	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Little Ferry	230-011-14	Emergency generator at Critical Facility - Memorial School which serves as shelter	All hazards	Address existing structure	Energy Allocation	2, 3	High	Low	Emergency shelter, critical infrastructure, unmet need, protect safety and welfare	High		1 year	Borough of Little Ferry	HMGP, PDM
Borough of Little Ferry	230-012-14	Establishment of performance standardsShoreline setback regulations - as part of land use management	Flooding	Existing and Future	Local Plans and Regulations	2, 3, 5	Low	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-013-14	Transfer of Development Rights - as part of land use management	Transfer of Development Rights	Future	Local Plans and Regulations	2, 3, 4, 5	Low	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	Capital funds, other government funding sources
Borough of Little Ferry	230-014-14	Hazard Information Centers	All hazards	Existing and future	Education and Awareness Programs	1	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	HMGP, PDM, FMA, other government funding sources
Borough of Little Ferry	230-015-14	Public education and outreach programs - establishment of and enhancing existing	All hazards	Existing and future	Education and Awareness Programs	1	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Council and Planning Board; NJMC	HMGP, PDM, FMA, other government funding sources
Borough of Little Ferry	230-016-14	Real estate disclosure - establishment of and enhancing existing	All hazards	Future	Education and Awareness Programs	1, 2	Low	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	State DEP	HMGP, PDM, FMA, other government funding sources
Borough of Little Ferry	230-017-14	Sediment and erosion control regulations- establishment of and enhancing existing	Flooding	Future	Local Plans and Regulations	3, 5	Low	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		1 year	Governing Body, Planning Board, NJMC	HMGP, PDM, FMA, other government funding sources
Borough of Little Ferry	230-018-14	Stream Corridor Restoration	Flooding	Future	Natural Systems Protection	1, 3, 5	High	Med	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		over multiple years	Bergen County Mosquito Commission	HMGP, PDM
Borough of Little Ferry	230-019-14	Elevation of structures	Flooding	Future	Structure and Infrastructure	1, 3	High	Low	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		over multiple years	State	HMGP, PDM, FMA, RFC, SRL
Borough of Little Ferry	230-020-14	Levees and floodwalls (including berms) - building and enhancing existing	Flooding	Future	Structure and Infrastructure	1, 2, 3, 4, 5	high	high	Reduce repetitive loss, hazard mitigation, economic development, protect health and welfare of the public	High		over multiple years	State	HMGP, PDM
Borough of Little Ferry	230-021-14	Acquisition of an emergency generator to power Police Department/OEM and Borough Hall facility.	All hazards	Address existing structure	Energy Allocation	2	High	Low	Emergency shelter, critical infrastructure, unmet need, protect safety and welfare, emergency operations	High		1 year	Borough of Little Ferry	HMGP, PDM
Borough of Little Ferry	230-022-14	Emergency generator at Main St Storm Water Pump Station	All hazards	Address existing structure	Energy Allocation	2	High	Low	Critical infrastructure, unmet need, protect safety and welfare	High		1 year	Borough of Little Ferry	HMGP, PDM

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Little Ferry	230-023-14	Emergency generator at Willow Lake Storm Water Pump Station	All hazards	Address existing structure	Energy Allocation	2	High	Low	Critical infrastructure, unmet need, protect safety and welfare	High		1 year	Borough of Little Ferry	HMGP, PDM
Borough of Little Ferry	230-024-14	Self cleaning grate at Losen Slot Storm Water Pump Station. This regional Pump Station serves 5 municipalities but is owned and operated by Little Ferry. Self-cleaning grate will ensure continued operations during events, especially since there is only one means of ingress.	All hazards	Address existing structure	Structure and Infrastructure	1, 2, 3	High	Low	Critical infrastructure, unmet need, protect safety and welfare	High		1 year	Borough of Little Ferry	HMGP, PDM, Bergen County grants, Municipal Budget, other government funding sources
Borough of Little Ferry	230-025-14	Willow Lake would be expanded to hold more water during events	All hazards	Address existing structure	Structure and Infrastructure	1, 3	Med	High	Unmet need, protect safety and welfare, reduce repetitive loss	High		1 year	Borough of Little Ferry	FMA, RFC, SRL, Bergen County grants, Municipal Budget, other government funding sources
Borough of Little Ferry	230-026-14	Increased capacity to reduce RL damages along homes and businesses that are located near slotes, ditches and creeks.	All hazards	Address existing structure	Structure and Infrastructure	1, 3, 4	High	Med	Unmet need, protect safety and welfare, reduce repetitive loss	High		1 year	Borough of Little Ferry; Bergen County	HMGP, PDM, FMA, RFC, SRL, Bergen County grants, Municipal Budget, other government
Borough of Little Ferry	230-027-14	Increased capacity to reduce RL damages to homes and businesses located in and near the "Main St Corridor." Jointly address the County's responsibility of storm water mgt while the Borough would provide ADA Compliance and ensure the existing Borough-owned infrastructure can handle additional water.	All hazards	Address existing structure	Structure and Infrastructure	1, 3, 4	High	Med	Unmet need, protect safety and welfare, reduce repetitive loss, economic development	High		1 year	Borough of Little Ferry; Bergen County	HMGP, PDM, FMA, RFC, SRL, Bergen County grants, Municipal Budget, other government funding sources
Borough of Little Ferry	230-028-14	Installation of a storm water pump station and check valve within the Industrial Ave/Gates Road area	All hazards	Address existing structure (public roadways)	Structure and Infrastructure	1, 3	High	Med	Unmet need, protect safety and welfare, reduce repetitive loss, economic development	High		1 year	Borough of Little Ferry; Bergen County	HMGP, PDM, Bergen County grants, Municipal Budget, other

Proposed Hazard Mitigation Initiatives														
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Township of Lyndhurst	232-001-14	Permanent generator installed at Senior Citizen Building and Senior Center which is used as a shelter / warming or cooling center at times.	Power Loss	Future	Energy Allocation	2	High	High	Support public's needs and irritability which may cause unrest.	High		HMGP, RFC, SRL, and FMA. For 25% local match, in-kind	Twp. of Lyndhurst	HMGP, PDM
Township of Lyndhurst	232-002-14	Elevation of 22 repetitive flood loss residences in flood prone area.	Flood	Future	Structure and Infrastructure	1, 3	High	High	Support public's needs and irritability which may cause unrest.	High		HMGP, RFC, SRL, and FMA. For	Twp. of Lyndhurst	HMGP, PDM, FMA, RFC, SRL, Bergen County
Township of Lyndhurst	232-003-14	Folding stop signs to be mounted on traffic light poles which can be rapidly activated.	Secondary Traffic Control Measures	Future	Structure and Infrastructure	1	High	Low	None	High		Future mitigation action.	Twp. of Lyndhurst	Municipal budget, other governmental funding sources
Township of Lyndhurst	232-004-14	Construction of permanent flood walls or levees including the possibility of deployment of hydraulic portable walls along the Passaic River in the flood prone areas within the township	Floodwalls / Levees	Future	Structure and Infrastructure	1, 2, 3, 4, 5	High	High	Support the public's need to be secure in their homes and businesses.	High		Future mitigation action.	Twp. of Lyndhurst	HMGP, PDM, FMA, RFC, SRL

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Maywood	234-003	Purchase two, fixed site, emergency generators for both public schools.	Loss of power at public schools (Memorial and Maywood Avenue Schools)	Provides future generators for existing structures	Energy Allocation	2	High	Low	Also provides safety to all children in schools during power outage while schools are in session.	High		1 to 3 years	Chris Tuttle, Maywood OEM	HMGP, PDM

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Midland Park	235-001-14	Widen stream bed walls	Flooding	n/a	Natural Systems Protection	3, 5	unknown	unknown	maintain quality drinking water	low		5 years	Planning, DPW, Ridgewood Water	HMGP, PDM

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Moonachie	237-001-14	Provide generators for the pump stations	Flooding	existing and future	Energy Allocation	2	High	med		High		now and in the future	Borough Hall	HMGP, PDM
Moonachie	237-002-14	Duplicate location for communications desk	All hazards	Future	Preparedness and Response	1	High	Med		high		not defined at this time	police, boro, fire	Municipal budget, other governmental
Moonachie	237-003-14	Solar powered electronic message board	Loss of Power	future	Preparedness and Response	1	High	Med	make residents feel secure, always have a way to communicate	high		within 5 years	Borough Admin	Municipal budget, other governmental
Moonachie	237-004-14	Provide generators for the location	All hazards	existing and future	Energy Allocation	2	High	Med		High		now and in the future	Borough Hall	HMGP, PDM
Borough of Moonachie	237-005-14	Rebuild Lincoln Street Pump Station	Flooding	Bid awarded	Structure and Infrastructure		High	Med	people would feel more secure	high		should be complete by end of 2014	Borough of Moonachie	HMGP, PDM
Borough of Moonachie	237-006-14	Raising generator at Moonachie Road sanitary station	Loss of Power	will bid out this year	Energy Allocation	2, 3	High	Med	people would feel more secure	high		2014	Borough of Moonachie	HMGP, PDM
Moonachie	237-007-14	provide generators for the pump stations	Flooding	existing and future	Energy Allocation	2	High	Med		High		now and in the future	Borough Hall	HMGP, PDM
Moonachie	237-008-14	purchase vehicles through state contract or bid	All hazards	future	Preparedness and Response	1	High	low		High			Borough of Moonachie	Municipal budget, other governmental
Borough of Moonachie	237-009-14	Remove boilers from school basement	Flooding	future	Structure and Infrastructure	1	High	Med	people would feel more secure sending their kids to school	med				HMGP, PDM
Borough of Moonachie	237-010-14	Town-wide dredging	Flooding		Natural Systems Protection	1	High	Med	reduce the stigma of continual flooding	high				HMGP, PDM
Moonachie	237-011-14	Set up a system to notify residents, through sirens, of impending issues	All hazards	future	Preparedness and Response	1	High	Low		High			Borough of Moonachie	Municipal budget, other governmental
Borough of Moonachie	237-012-14	Construction of a berm on both sides of East Riser Ditch	Flooding		Structure and Infrastructure	3	High	Med	reduce the stigma of continual flooding	high				HMGP, PDM
Borough of Moonachie	237-013-14	Purchase of radios for emergency vehicles	Loss of Power		Preparedness and Response	1	High			High		asap, in reality within five years	DPW	Municipal budget, other governmental funding sources
Borough of Moonachie	237-014-14	Elevate electrical and hot water heater at Civic Center	Flooding	existing	Structure and Infrastructure	2	High	Med	people would feel more secure	high		done in 2013	Borough of Moonachie	HMGP, PDM
Borough of Moonachie	237-015-14	Elevate electrical at fire house	Flooding	existing	Structure and Infrastructure	2	High	Med	people would feel more secure	high		done in 2013	Borough of Moonachie	HMGP, PDM
Borough of Moonachie	237-016-14	Elevate Municipal Building	Flooding	existing	Structure and Infrastructure	2	High	high	people would feel more secure	high		in 2013, to be done in	Borough of Moonachie	HMGP, PDM, FMA, RFC, SRL
Moonachie	237-017-14	Purchase the necessary equipment (large dump truck, 4x4, portable radios, barricades, cones, chain saws)	All hazards	existing and future	Preparedness and Response	1	High	high		High		now and in the future	Boro	Municipal budget, other governmental funding sources

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Moonachie	237-018-14	Spec and buy a jet vac truck	Flooding	future	Preparedness and Response	1	High	Med	make residents feel secure	high		within 5 years	Boro	budget, other governmental funding sources

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of New Milford	238-001-14	Acquired 6 repetitive flood loss properties Borough wide	Flooding	6 structures removed	Structure and Infrastructure	1	High	High	Removal of more flood prone properties	High		3-5 yrs.	Mayor and Council	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Borough of New Milford	238-02-14	Stabilization of stream bank along Hirschfield Brook	Flooding	Existing	Natural Systems Protection	1, 5	High	High		High		Immediate	Governing Body	HMGP, PDM

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North Arlington	239-001-14	Install stand-by generator- Clayton Block Pump Station	Lack of Power	Existing	Energy Allocation	2	High	Med	Supports viability of business properties on Porete Ave.	High		3 years	North Arlington DPW	HMGP, PDM
North Arlington	239-002-14	Install stand-by generator- Eagles Fire House Company	Lack of Power	Existing	Energy Allocation	2	High	Med		high		3 years	Borough of NA	HMGP, PDM
North Arlington	239-003-14	Install stand-by generator- NA Police Department	Lack of Power	Existing	Energy Allocation	2	High	Med		High		3 years	Borough of NA	HMGP, PDM
North Arlington	239-004-14	Stand-by Generator-NA DPW Garage	Lack of Power		Energy Allocation	2	High	Med		High		3 years	Borough of NA	HMGP, PDM
North Arlington	239-005-14	Install stand-by Generators- 3 sanitary sewer pump stations	Lack of Power		Energy Allocation	2	high	Med		high		3 years	Borough of NA	HMGP, PDM

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Norwood	241-001-14	Remove old clogged drain pipes and replace with larger pipes.	Flooding due to undersized drain/culvert.		Structure and Infrastructure	1, 5	high	See above.	Creates a worry free environment for tenants and landlords.	Moderate		3 years	Borough of Norwood and Engineer	HMGP, PDM

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Oakland	242-001-14	Reconstruct and stabilize bank	River Bank Destabilization	n/a	Natural Systems Protection	5	High	High	Protect homes	High		1 year	Borough of Oakland	HMGP, PDM
Oakland	242-002-14	Restore riverbed remove shoals & prevent erosion	Flooding	n/a	Natural Systems Protection	5	High	High	Restore River prevent future erosion.	High		1 year	Borough of Oakland	HMGP, PDM
Oakland	242-003-14	Acquire 12 Repetitive Loss properties on Roosevelt Blvd.	Flooding	Remove existing structures.	Structure and Infrastructure	1	High	High	Create safer environment.	High		Jul-15	Borough of Oakland	HMGP, PDM, FMA, RFC, SRL, Blue Acres

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Oradell Borough	244-001-14	Floodproof the DPW operating facility using Door-Damming as a flood barrier that is watertight and prevents the movement of water entering into the facility.	Flood	Existing	Structure and Infrastructure	2	High	High	Supports Borough's economic development Plan	High		SRL and FMA. For 25% local match, in-kind services. 1 Year	Oradell Department of Public Works	HMGP, PDM, FMA, RFC, SRL, Municipal Budget

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Borough of Paramus	246-001-14	Replace the existing generator with a new diesel powered generator capable of powering the entire building- critical facility	Power Disruption	Existing	Energy Allocation	2	High	Med	None	High		Summer 2010	Borough of Paramus	HMGP, PDM
Paramus Public Schools	246-002-14	Install a new diesel powered generator capable of powering critical areas of the building - Education bldg and primary shelter	Power Disruption	Future	Energy Allocation	2	Med	Med	None	Med		TBD	Paramus Public Schools / Board of Education	
Borough of Paramus	246-003-14	Install a new natural gas powered generator capable of powering the entire building	Power Disruption	Existing	Energy Allocation	2	Med	Med	None	Med		Summer 2014	Borough of Paramus	HMGP, PDM
Borough of Paramus	246-004-14	Install new water tight doors at the following sewer pump stations: Prospect St, Route 17, Southcrest, Dunkerhook, and Grove St	Flooding	Retrofit existing structures	Structure and Infrastructure	2	High	Med	None	Med		TBD	Borough of Paramus	HMGP, PDM, FMA, RFC, SRL, Municipal Budget
Borough of Paramus	246-005	Install a new Flood Protection System at the Prospect St Pump Station	Flooding	Retrofit existing structures	Structure and Infrastructure	2	High	Med	None	Med		TBD	Borough of Paramus	HMGP, PDM, FMA, RFC, SRL, Municipal Budget

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Ramsey, NJ	248-001-14	Generator for Ramsey DPW and Westside Fire Station-Provide an emergency backup generator capable of powering the entire critical facility in the event of a power failure such as experienced during Hurricane Sandy.	Emergency Power Generation -	Existing	Energy Allocation	2	High	High	Supports municipal emergency services and infrastructure.	High		As soon as possible-dependant upon funding.	Ramsey municipal Engineer and DPW	

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Ridgefield	249-001-14	Upgrade reception center to full shelter	All Hazards Sheltering	Improvements	Structure and Infrastructure	1	High		Municipal property upgrade.	High		1 year	Mayor and Council	HMGP, PDM

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Ridgefield Park, NJ	250-001-14	Generator for Sr. Center	Loss of Power	Existing facility	Energy Allocation	2	High	Low	N/A	High		1 year	Ridgefield Park OEM	HMGP, PDM

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Village of Ridgewood		Installation of a generator to support one of the three congregate care shelters in the Village. BF School is also adjacent to Valley Hospital and listed as a triage center.	Loss of Power	Makes the shelter facility more reliable.	Energy Allocation	2	High	High	Benefits include having a functional shelter. Heat, A/C, refrigerated food storage, warm meals, internet connectivity and social connectivity for displaced residents. Making the facility more resilient during school day.	High Priority #2		1 year	DPW	HMGP, PDM
Village of Ridgewood		Installation of a generator to the administration building that manages the other nine facilities.	Loss of Power	If this building is down the entire system is down.	Energy Allocation	2	High	High	Making the facility more resilient during the school day.	High Priority #3		1 year	DPW	HMGP, PDM
Village of Ridgewood	251-001-14	Installation of a generator to support one of the three congregate care shelters in the Village. GW School is the only congregate care shelter on the west side of town.	Loss of Power	Makes the shelter facility more reliable.	Energy Allocation	2	High	High	Making the facility more resilient during the school day.	High Priority #4		1 year	DPW	HMGP, PDM
Village of Ridgewood	251-002-14	Installation of a generator to support one of the three congregate care shelters in the Village. The High School would be the largest in capacity of the three congregate care shelters.	Loss of Power	Makes the shelter facility more reliable.	Energy Allocation	2	High	High	Making the facility more resilient during the school day.	High Priority #5		1 year	DPW	HMGP, PDM
Village of Ridgewood	251-003-14	Installation of a generator.	Loss of Power	Makes the shelter facility more reliable.	Energy Allocation	2	High	High	Protect the structure by having the fire alarm system active during a power outage, which is a big fear with all the books and	Med Priority #6		1 year	DPW	HMGP, PDM

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Rochelle Park	254-001-14	Build waterproof wall around sewer pump station.	Floding	Flood proofing existing building.	Structure and Infrastructure	2	High	High	No	High		As soon as funding is acquired	Township	HMGP, PDM, FMA, RFC, SRL

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Rutherford	256-001-14	Acquire or elevation potential RL properties on Riverside Avenue	Flooding	Existing	Structure and Infrastructure	1, 3	High	High	Open space, env. preservation	High		5 years	Brough of Rutherford	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Rutherford	256-002-14	Reinforce riverbank stabilization at Riverside Avenue	Flooding/ Riverbank Erosion	Existing need to prevent further erosion in future.	Natural Systems Protection	3, 5	High	High	Open space and env. quality	High		3 years as funding is made available	Brough of Rutherford/Bergen County	HMGP, PDM

Proposed Hazard Mitigation Initiatives														
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Township of Saddle Brook	257-001-14	Acquire emergency generator for shelter- north end of twp	All hazards	Existing building	Energy Allocation	2	High	High		High		HMPG		HMGP, PDM
Township of Saddle Brook	257-002-14	Acquire emergency generator for shelter- south end of twp	All hazards	Existing building	Energy Allocation	2	High	High		High		HMPG		HMGP, PDM

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Township of South Hackensack	259-001-14	Generator for Municipal Complex - 250 KW	Power Outage	Existing	Energy Allocation	2	High	Med	N/A	High		Jan-15	Township of South Hackensack	HMGP, PDM

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Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Teaneck	260-001-14	Reduction of flooding in affected areas	Flooding	Adds existing infrastructure	Natural Systems Protection	1, 2, 3	High	Med	Supports Township emergency preparedness effort	Med		Future	Teaneck DPW	HMGP, PDM
Teaneck	260-002-14	Hazard mitigation of dangerous trees and tree limbs throughout the Township by electrical wires	High winds, loss of power	Future	Natural Systems Protection	1, 3	High	Med	Supports Township Emergency Preparedness efforts	Med		1 year	Township of Teaneck DPW	Municipal budget or other funding sources
Teaneck	260-003-14	Install a municipal fiber-optic cable aerially on a different route to bring voice and data from Police HQ to Fire Station 2 and Ambulance Headquarters.	Flooding	Replaces some underground cable repairs	Structure and Infrastructure	1	High	Med	This project will help improve the municipal wide-area computer network, and may help police crime-prevention efforts	High		1 year	Emergency Management Coordinator	Municipal budget or other funding sources
Teaneck	260-004-14	Reduction of flooding in affected areas	Flooding condition at Tokoloka Park	Adds existing infrastructure	Structure and Infrastructure	3, 5	Med	Med	N/A	Med		Future	Teaneck DPW	Municipal budget or other funding sources
Teaneck	260-005-14	Levee/Berm along river to protect DPW complex	Flooding at DPW Complex	Future	Structure and Infrastructure	2, 3	High	Med	N/A	High		Future	Teaneck DPW	HMGP, PDM
Teaneck	260-006-14	Build new DPW building outside flood area	Flooding	Future	Structure and Infrastructure	2	High		Enhance all aspects of township public works including protection of equipment.	High		5 Years	Township of Teaneck	HMGP, PDM, FMA, RFC, SRL
Teaneck	260-007-14	Redesign and installation of storm sewer system- Downing Street	Flooding	Future	Structure and Infrastructure	2	High			High		Future	Township of Teaneck DPW	HMGP, PDM
Township of Teaneck	260-008-14	Install new emergency power generators at three schools.	Emergency Power Generation	Currently the three schools do not have emergency power generators.	Energy Allocation	2	High	High	Supports Township's Emergency Management Plan.	High		1 year	Township of Teaneck & Board of Education	HMGP, PDM
Teaneck	260-009-14	Acquire 671 Pomander Walk	Flooding	Future	Structure and Infrastructure	1, 3, 5	High	High	Will add to Open Space desired by public.	High		Immediately	Township of Teaneck	HMGP, PDM, FMA, RFC, SRL, Blue Acres
Teaneck	260-010-14	Install equipment to accommodate generator hookup at various traffic signals.	Power Outages	Adds existing structures	Energy Allocation	2	High	existing funding levels are not adequate to	Supports Township's Emergency Preparedness efforts	High		6 Months	Teaneck Police Department	HMGP, PDM
Township of Teaneck	260-011-14	Install five 5-cell and one 6-cell fixed public warning sirens/voice speakers to cover all of Teaneck to broadcast warnings and emergency notification to all residents	All Hazards	Future	Preparedness and Response	1	High	High	None	High		1 year	OEM Coordinator	Municipal budget, other governmental funding sources

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Teaneck	260-012-14	Installation of backup generator at lift station	Lift station failure	Future	Energy Allocation	2	High	Med	Ensure traffic lights work properly during power outages	High		1 year	Teaneck DPW	HMGP, PDM
Teaneck	260-013-14	Reduction of flooding in affected areas. Replace storm drain system.	Flooding condition on Old New Bridge Road	Addresses existing infrastructure	Structure and Infrastructure	2	High	Med	N/A	Med		Future	Teaneck DPW	HMGP, PDM

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Borough of Tenafly	261-001-14	Purchase and installation of generators at Mt. Carmel RC Church and Tenafly Presbyterian Church	Power outages	future - if funding is available	Energy Allocation	2	High	High	supports emergency shelters	high		as soon as grants become available	Borough OEM	HMGP, PDM

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Upper Saddle River	263-001-014	Purchase and install Natural Gas Generator- designated borough shelter	Power outtages	Existing	Energy Allocation	2	High	Med	Multi use community center/supports large portiog of community	High		2014	Church of the Presentation	HMGP, PDM
Borough of Westwood	267-001-14	Acquire four (4) of the Severe Repetitive Loss properties in the Harding Ave/Nugent Pl neighborhood	Flood	Removes existing structures and prohibits future development in flood-prone neighborhood	Structure and Infrastructure	1, 3, 5	High	Med	Supports open-space preservation	High		Three (3) years	Borough of Westwood	Blue Acres, HMGP, RFC, SRL and FMA. For 25% local match, in-kind services, County & Borough open-space fund, CDBG and NFIP Increased Cost of Compliance
Borough of Westwood	267-002-14	Acquire thirty-six (36) of the Repetitive Loss properties in various neighborhoods subject to flooding	Flood	Removes existing structures and prohibits future development in flood-prone neighborhood	Structure and Infrastructure	1, 3, 5	Med	High	Supports open-space preservation	Med		Five (5) years	Borough of Westwood	Blue Acres, HMGP, RFC, SRL and FMA. For 25% local match, in-kind services, County & Borough open-space fund, CDBG and NFIP Increased Cost of Compliance

Proposed Hazard Mitigation Initiatives														
Community Name	Mitigation Action No.	Mitigation Action	Hazards Addressed	Existing, future or N/A	Action Type	Goals Met	Benefits	Costs	Other Community Objectives	Priority	Priority	Timeline	Lead Agency	Funding Source
Borough of Woodcliff Lake	268-001-14	Purchase & install permanent generator at DPW complex.	Loss of electrical power (establish power redundancy)	Existing project is in planning & purchasing stage.	Energy Allocation	2	High	Med	Further commitment to emergency response	2		within 3 months	Borough Admin	HMGP, PDM, Capital funds
Borough of Woodcliff Lake	268-002-14	Purchase & install permanent generators at municipal complex.	Loss of electrical power (establish power redundancy)	Existing project in planning phase & purchasing.	Energy Allocation	2	High	Med	Further commitment to emergency response.	1		Within 3-6 months	Borough Admin	HMGP, PDM, Capital funds
Borough of Woodcliff Lake	268-003-14	Relocate existing control panels, generators and stations access manholes out of the floodplain.	Loss of power and flood mitigation	Future project	Structure and Infrastructure	2	Med	Med	Elevate environmental quality.	3		Within the next 2 years	DPW & Borough Admin	HMGP, PDM
Borough of Woodcliff Lake	268-004-14	Construct a 2nd culvert under causeway to increase flow capability when existing culvert is obstructed by debris.	Flood Mitigation	Future project.	Structure and Infrastructure	1, 3	High	Med	Public Safety	4		Within next 2 years.	OEM & Borough Admin	HMGP, PDM
Borough of Woodcliff Lake	268-005-14	Install power transfer switches and purchase portable generators for use maintaining signalized intersections during power outages.	Traffic patterns during electrical power outages.	Future project	Energy Allocation	1	High	Low	Public Safety	5		Within next 2 years	Borough Admin, Police Chief, OEM	HMGP, PDM, Municipal budget