

ANNEX 6: BOROUGH OF LINCOLN PARK

1 COMMUNITY CAPABILITIES ASSESSMENT

Table 1 through Table 6 summarizes the different community capabilities and tools that are available to the community to potentially assist in mitigating the impacts of hazards.

1.1 PLANNING, LEGAL AND REGULATORY CAPABILITIES

The table below summarizes the legal and regulatory tools that are available to the Borough of Lincoln Park and where hazard mitigation has been integrated.

Table 1: Planning, Legal and Regulatory Capability

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Codes, Ordinances, & Requirements					
Building Code	Yes	Local	Yes	-	-
Comment: State mandated on local level under NJAC 5:23-3.14. International Building Code – New Jersey Edition, 2018, NJAC 5:24-3.14 Adopted 9/3/2019. Uniform Construction Codes, Chapter 213 of the municipal code. Administered by the Division of Building and Zoning.					
Zoning Code	Yes	Local	Yes	-	-
Comment: Per State of NJ Municipal Land Use Law (MLUL) L. 1975, s. 2, eff Aug 1, 1976, 40-55D-62: 49. Power to zone, requires all jurisdictions to have current zoning and other land development ordinances after the planning board has adopted the land use element and master plan. Planning and Zoning Ordinance, Chapter 28 of the municipal code. Administered by the Planning Board. The Planning and Zoning Ordinance was adopted to establish a pattern for the use of land and buildings based on the Master Plan and to encourage municipal action to guide the appropriate development of land in a manner which will promote the public health, safety, morals, and general welfare of the people. The ordinance is intended to regulate the use of land within zoning districts, secure safety from fire flood, panic, and other natural man-made disasters; provide adequate light air, and open space; limit and restrict buildings and structures to specified districts and regulate buildings and structures according to their type and nature and extent of their use and regulate the nature and extent of the use of land for trade, industry, residence, open space or other purposes; regulate the bulk, height, number of stories, and size of buildings and other structures; avoid a conflict with the development and general welfare of neighboring municipalities, the County and the State; establish appropriate population densities and concentrations contributing to the wellbeing of persons, neighborhoods, communities and regions and the preservation of the environment; provide sufficient space for agricultural, residential, recreational, commercial, and industrial uses and open space; encourage the location and design of transportation routes which will promote the free flow of traffic while discouraging the location of such facilities and routes which result in congestion or blight; promote a desirable visual environment; promote the conservation of open space and valuable natural resources and to prevent urban sprawl and degradation of the environment through improper land use. The ordinance includes articles on planning and zoning, the Planning Board, the Zoning Board of Adjustment, development review procedures, flood damage prevention, stormwater management, soil removal, and development of steep slope.					
Subdivisions	Yes	Local	Yes	-	-
Comment: Land Development Review, Chapter 17 of the municipal code. Administered by the Planning Board.					
Stormwater Management	Yes	Local	Yes	-	-

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Comment: Title 7 of the NJ Administrative Code (N.J.A.C. 7:8); Chapter 28 of the municipal code. Administered by the Planning Board. The ordinance establishes minimum stormwater management requirements and controls for major developments and promotes the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas.					
Post-Disaster Recovery	No	-	-	-	-
Comment:					
Real Estate Disclosure	Yes	State – Division of Consumer Affairs	Yes	Yes	-
Comment: N.J.A.C. 13:45A-29.1; Before signing a contract of sale, all purchasers must receive a New Jersey Public Offering Statement (POS) approved by the New Jersey Real Estate Commission. The POS provides information such as proximity to hospitals, schools, fire and police, as well as any hazards, risks or nuisances in or around the subdivision.					
Growth Management	No	-	Yes	-	-
Comment: State mandated at local level;					
Shoreline Development	No		Yes	Yes/No	Yes/No
Comment: NJ Coastal Area Facility Review Act (N.J.S.A. 13:19) or CAFRA regulates almost all development along the coast for activities including construction, relocation, and enlargement of buildings or structures, and excavation, grading, shore protection structures, and site preparation. This law is implemented through NJ's Coastal Zone Management Rules N.J.A.C. 7:7E-1 et seq.					
Site Plan Review	Yes	Local	No	-	-
Comment: Land Development Review, Chapter 17 of the municipal code. Administered by Planning Board.					
Environmental Protection	No	Local	Yes	-	-
Comment: The rules that are utilized by the NJDEP and other environmental agencies are codified at Title 7 of the NJ Municipal Administrative Code.					
Flood Damage Prevention	Yes	Local	Yes	No	-
Comment: Land Development Review, Flood Damage Prevention. Chapter 17, Article 10 of the municipal code.					
Wellhead Protection	No	-	-	-	-
Comment:					
Emergency Management	Yes	Local	-	-	-
Comment: Fire Department, Chapter 39 of the municipal code. Police Department, Chapter 99 of the municipal code. Intermunicipal Services Agreement, Chapter 55 of the municipal code. The ordinance establishes a reciprocal agreement with each and every municipality within the County of Morris and the contiguous counties of Passaic and Essex for intermunicipal police, fire, and first aid assistance at time of any and all emergencies.					
Climate Change	No	-	-	-	-
Comment:					
Disaster Recovery Ordinance	No	-	-	-	-
Comment:					
Disaster Reconstruction Ordinance	No	-	-	-	-
Comment:					
Other	Yes	-	-	-	-

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
<p>Comment: Hazardous Materials, Chapter 286 of the municipal code. The ordinance provides for the reimbursement and the replacement of expended resources and non-reusable equipment maintained or procured by the municipality/Fire Department and used in the case of a release or threatened release of any hazardous materials. Trees and Shrubs, Chapter 434 of the municipal code. The ordinance provides for the protection of trees and removal of trees, particularly dangerous trees which are determined to be dangerous to public health, safety, or welfare. Water Emergencies, Chapter 465 of the municipal code. Allows for taking measures for the conservation of water for domestic and sanitary purposes and fire protection.</p>					
Planning Documents					
Comprehensive / Master Plan	Yes	Local	Yes	No	-
<p>Comment: The Borough Master Plan was adopted on October 18, 2012.</p>					
Capital Improvement Plan	Yes	Local	Allowed	No	-
<p>Comment: Per NJSA 40:55D-29 the governing body is authorized to direct the planning board to prepare a CIP with at least a six year planning horizon.</p>					
Disaster Debris Management Plan	No	-	No	-	-
<p>Comment:</p>					
Floodplain or Watershed Plan	No	-	No	-	-
<p>Comment:</p>					
Stormwater Management Plan	Yes	Local and State	Yes	Yes	No
<p>Comment: Per NJDEP Storm Water Management Rule (N.J.A.C. 7:8, et seq.). The Municipal Stormwater Regulation Program was developed in response to the U. S. Environmental Protection Agency’s (USEPA) Phase II rules published in December 1999. The Department issued final stormwater rules on February 2, 2004 and four (4) NJPDES general permits authorizing stormwater discharges from Tier A and Tier B municipalities, as well as public complexes, and highway agencies that discharge stormwater from municipal separate storm sewers (MS4s). Stormwater Ordinance 10-14; 11-14. Administered by the DPW.</p>					
Stormwater Pollution Prevention Plan	Yes	Local	Yes	Yes	-
<p>Comment: As per stormwater program requirements.</p>					
Urban Water Management Plan	No	-	No	-	-
<p>Comment:</p>					
Habitat Conservation Plan	No	-	No	-	-
<p>Comment:</p>					
Economic Development Plan	No	-	No	-	-
<p>Comment:</p>					
Shoreline Management Plan	No	-	No	-	-
<p>Comment:</p>					
Community Wildfire Protection Plan	No	-	No	-	-

	Do you have this? (Yes/No)	Authority that enforces (Federal, State, Regional, County, Local)	State Mandated / Allowed	Has the HMP been integrated in the last 5 years? If yes- how?	
				If yes- how? Describe in comments	If no - can it be a mitigation action? If yes, add Mitigation Action #.
Comment:					
Community Forest Management Plan	No	-	No	-	-
Comment:					
Transportation Plan	No	-	No	-	-
Comment:					
Agriculture Plan	No	-	No	-	-
Comment:					
Climate Action Plan	No	-	No	-	-
Comment:					
Tourism Plan	No	-	No	-	-
Comment:					
Business Development Plan	No	-	No	-	-
Comment:					
Other	No	-	No	-	-
Comment:					
Response/Recovery Planning					
Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP)	Yes	Local	Yes	No	No
Comment: Per the NJ Civilian Defense and Disaster Control Act (App.A:9_43.2) Counties and municipalities must have written Emergency Operations Plans to be reviewed every 2 years. Emergency Response Plan is reviewed on this schedule.					
Threat & Hazard Identification & Risk Assessment (THIRA)	No	-	-	-	-
Comment:					
Post-Disaster Recovery Plan	Yes	Local	No	No	No
Comment: Updated 10/9/14. Administered by OEM.					
Continuity of Operations Plan	Yes	Local	No	-	-
Comment:					
Public Health Plan	Yes	Local	No	-	-
Comment: Public Health Plan					
Other	No	-	-	-	-
Comment:					

Table 2: Development and Permitting Capability

Criterion	Response
Does your jurisdiction issue development permits? - If no, who does? If yes, which department?	Yes, Building Department
Does your jurisdiction have the ability to track permits by hazard area?	Yes, through GIS
Does your jurisdiction have a buildable lands inventory? -If yes, please describe briefly. -If no, please quantitatively describe the level of buildout in the jurisdiction.	The Borough is built out with the exception of a few parcels that could be subdivided.

1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

The table below summarizes potential staff and personnel resources available to the Borough of Lincoln Park.

Table 3: Administrative and Technical Capabilities

Staff/Personnel Resource	Available?	Department/Agency/Position
Administrative Capability		
Planning Board	Yes	Planning Board, Director of Development
Mitigation Planning Committee	Yes	OEM, Planning
Environmental Board / Commission	No	-
Open Space Board / Committee	No	-
Economic Development Commission / Committee	Yes	Administration
Warning Systems / Services (reverse 911, outdoor warning signals)	Yes	Reverse 911, social media blasts, Rave
Maintenance program to reduce risk	Yes	Stream clearing as necessary
Mutual aid agreements	Yes	Fire/First Aid/Police
Technical/Staffing Capability		
Planners or engineers with knowledge of land development and land management practices	Yes	Engineer
Engineers or professionals trained in building or infrastructure construction practices	Yes	Engineer
Planners or engineers with an understanding of natural hazards	Yes	Engineer
Staff with training in benefit/cost analysis	No	-
Staff with training in green infrastructure	Yes	Staff trained in green stormwater infrastructure techniques
Staff with education/knowledge/training in low impact development	Yes	Planning Board, Engineer
Surveyor	Yes	Engineer
Stormwater engineer	Yes	Engineer
Personnel skilled or trained in GIS applications	Yes	Engineer
Local or state water quality professional	Yes	-
Scientist familiar with natural hazards in local area	Yes	Engineer
Emergency manager	Yes	OEM/Police
Grant writers	No	-
Resilience Officer	No	-

Staff/Personnel Resource	Available?	Department/Agency/Position
Watershed planner	Yes	Engineer/Floodplain Administrator
Environmental specialist	Yes	Engineer/Floodplain Administrator
Other	Yes	Engineer: trained in damage assessments

1.3 FISCAL CAPABILITIES

The table below summarizes financial resources available to the Borough of Lincoln Park.

Table 4: Fiscal Capabilities

Financial Resource	Accessible or Eligible to Use?
Community Development Block Grants (CDBG, CDBG-DR)	Yes, limited areas
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	No
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	No
Incur Debt through Private Activity Bonds	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State-Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	No
Clean Water Act 319 Grants (Nonpoint Source Pollution)	No
Other	Open Space Acquisition Funding Programs

1.4 EDUCATION AND OUTREACH CAPABILITIES

The table below summarizes the education and outreach resources available to the Borough of Lincoln Park.

Table 5: Education and Outreach Capabilities

Criterion	Response
Do you have a public information officer or communications office?	Borough Administrator and Recreation Departments
Do you have personnel skilled or trained in website development?	Yes
Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes, the Borough has a Flood Information Page
Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes: Facebook, twitter, website, email, monthly mayors' newsletter
Do you have any citizen boards or commissions that address issues related to hazard mitigation? <ul style="list-style-type: none"> If yes, briefly describe. 	No

Criterion	Response
Do you have any other programs already in place that could be used to communicate hazard-related information? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes: Recreation Department
Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> If yes, briefly describe. 	Yes: Reverse 911, social media blasts, Rave

1.5 COMMUNITY CLASSIFICATIONS

The table below summarizes the classifications for community programs available to the Borough of Lincoln Park.

Table 6: Community Classifications

Program	Participating?	Classification	Date Classified
Community Rating System	Yes	5	2016
Building Code Effectiveness Grading Schedule (BCEGS)	Yes	-	-
Public Protection (Fire ISO Protection Class)	Yes	4	-
Storm Ready Certification	No	-	-
Firewise Community Classification	No	-	-
Sustainable Jersey	Yes	Silver	October 18, 2019

1.6 NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

This section provides specific information on the management and regulation of the regulatory floodplain.

Table 7: National Flood Insurance Program Compliance

Criterion	Response
What local department is responsible for floodplain management?	Construction Department
Who is your floodplain administrator? (name, department/position)	Sal Marino
Are any certified floodplain managers on staff in your jurisdiction?	Yes
What is the date that your flood damage prevention ordinance was last amended?	2012
Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? 	Exceed, Class 5 in CRS.
When was the most recent Community Assistance Visit or Community Assistance Contact?	March 20, 2017
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? <ul style="list-style-type: none"> If so, state what they are. 	No
Are any RiskMAP projects currently underway in your jurisdiction? <ul style="list-style-type: none"> If so, state what they are. 	None
Do your flood hazard maps adequately address the flood risk within your jurisdiction? <ul style="list-style-type: none"> If no, state why. 	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program?	Yes
☐ If so, what type of assistance/training is needed?	All training welcome

Criterion	Response
Does your jurisdiction participate in the Community Rating System (CRS)? <ul style="list-style-type: none"> If yes, is your jurisdiction interested in improving its CRS Classification? If no, is your jurisdiction interested in joining the CRS program? 	Yes, yes
How many flood insurance policies are in force in your jurisdiction? <ul style="list-style-type: none"> What is the insurance in force? What is the premium in force? 	Flood insurance policies: 619 Insurance in force: \$145,564,100 Premium in force: \$1,315,549
How many total loss claims have been filed in your jurisdiction? <ul style="list-style-type: none"> How many claims are still open or were closed without payment? What were the total payments for losses? 	Total loss claims: 3,265 Claims open or closed without payment: 32 Total payments for losses: \$62,787,068
Do you maintain a list of properties that have been damaged by flooding?	Yes
Do you maintain a list of property owners interested in flood mitigation?	Yes

2 HAZARD ANALYSIS AND RISK ASSESSMENT

2.1 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Borough of Lincoln Park that illustrate the probable areas impacted within the municipality. These maps are based on the best available data at the time of the preparation of this plan and are adequate for planning purposes. Maps have been generated only for those hazards that can be clearly identified using mapping techniques and technologies and for which the Borough of Lincoln Park has significant exposure. Refer to Figure 1 and Figure 2.

2.2 REPETITIVE FLOOD LOSSES

The following summarizes the repetitive and severe repetitive flood losses in the Borough of Lincoln Park.

- Number of repetitive loss (RL) properties: 290
- Number of severe repetitive loss (SRL) properties: 133
- Number of RL/SRL properties that have been mitigated: 71

2.3 CRITICAL FACILITIES

The table below identifies critical facilities in the community located in the 1-percent and 0.2-percent floodplain.

Table 8: Potential Flood Losses to Critical Facilities and Lifelines

Name	Type	1% Event	0.2% Event
Lincoln Park Hose Company 2*	Fire		x
Lincoln Park Airport	Air	x	x
Lincoln Park Station	Rail		x
Two Bridges Sewerage Authority*	Wastewater	x	x
Lincoln Park Borough DPW*	DPW	x	x

*Identified lifeline

2.4 HAZARD RANKING

This section includes the community specific identification of the primary hazard concerns based on identified problems, impacts and the results of the risk assessment as presented in Section 3 (Risk Assessment). The Borough of Lincoln Park has reviewed the Morris County hazard ranking table, as well as its individual results, to reflect the relative risk of the hazards of concern to the community. During the review of the hazard ranking, the Borough indicated the following:

Table 9: Borough of Lincoln Park Hazard Ranking Input

Hazard	Ranking	Hazard	Ranking
Drought	Moderate	Hazardous Substances	High
Earthquake	Moderate	Severe Weather	Medium
Extreme Temperatures	Moderate	Severe Winter Storm	Medium
Flood	High	Wildfire	Moderate
Geological Hazards	Moderate		

2.5 COMPLETED ACTIONS

Borough of Lincoln Park did not report any completed actions.

2.6 CANCELLED ACTIONS

Borough of Lincoln Park reported the following completed actions.

2020 Action	Mitigation Action Name	Project Description	Justification
2020-Lincoln Park-003	Elevate Two Bridges Road	Two Bridges Road is a major road and evacuation route which is prone to flooding. Elevate Two Bridges Road (major road and evacuation route) and conduct engineering study as part of Phase 2 of neighboring bridge.	Road work completed by NJ DOT to elevate.

2.7 HAZARD MITIGATION STRATEGY

2.7.1 BACKGROUND INFORMATION

Action	Jurisdiction	Mitigation Action Name	What is the problem the action is solving?	How does the action solve the problem?	Is this a continuing action from 2020 plan? Yes/No	2024 Project Status Provided by Respondent (not applicable to any new actions) Not Started In Progress
1	Lincoln Park Borough	Mitigate flood-prone properties, including RL/SRL properties	The Borough has repetitive loss properties.	Support the mitigation of vulnerable structures via retrofit (e.g. elevation, flood-proofing) or acquisition/relocation to protect structures from future damage, with repetitive loss and severe repetitive loss properties as a priority when applicable. The Borough will focus on acquisition as the primary mitigation action.	Yes	In Progress
2	Lincoln Park Borough	Mitigate Pompton / Passaic River chokepoints	Chokepoints along the Pompton/ Passaic River contribute to flooding.	Mitigate Pompton / Passaic River chokepoints via debris-clearing and/or dredging with an additional focus on the clearing of invasive plant species.	Yes	In Progress
3	Lincoln Park Borough	Elevate Two Bridges Road TBSA Treatment Plant	The Two Bridges Sewerage Authority Treatment Plant is located in the floodplain. The facility is privately owned.	Undergo a flood mitigation/engineering study to determine appropriate flood mitigation actions.	Yes	In Progress
4	Lincoln Park Borough	Lincoln Park Airport	The Lincoln Park Airport is located in the 100-year floodplain. The facility is privately owned.	Undergo a flood mitigation/engineering study to determine appropriate flood mitigation actions.	Yes	In Progress

2.7.2 IMPLEMENTATION INFORMATION

	What is the main hazard from the 2025 update that the action mitigates?	List any additional hazards from the 2025 mitigation plan update that the action mitigates	What is the main goal that the action addresses?	List any additional goals that the action addresses	What agencies will lead the implementation of this action?	What agencies will support the implementation of this action?	What are potential sources of funding that can support this mitigation action?	What benefits does this action provide?
1	Flood	N/A	Goal 5	Goal 1	<u>Borough OEM, Public Works, Engineering</u>	Construction Department	FEMA HMGP and FMA, local cost share by residents	Eliminates flood damage to homes and residents, creates open space for the municipality increasing flood storage.
2	Flood	N/A	Goal 1	N/A	<u>Borough OEM, Public Works in cooperation with neighboring jurisdictions</u>	N/A	Army Corp of Engineers	Reduction of impact of drought.
3	Flood	N/A	Goal 3	N/A	<u>FPA, facility manager</u>	N/A	Municipal budget, HMGP, FMA	Reduction in flood risk
4	Flood	N/A	Goal 3	N/A	<u>FPA, facility manager</u>	N/A	Municipal budget, HMGP, FMA	Reduction in flood risk

2.7.3 STRATEGY RANKING AND PRIORITIZATION

	What is the estimated cost of this action?	What is the estimated timeline for this action to be implemented?	Potential for Lives Saved 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Property Damages 1 - Little Potential 2 - Some Potential 3 - Major Potential	Potential for Reduced Response Actions 1 - Little Potential 2 - Some Potential 3 - Major Potential	Benefits Exceed Costs 0 - BCA equal 2 - Minor Exceedence 3 - Major Exceedence	Community Action Priority Ranking 1 - Low Priority 2 - Medium Priority 3 - High Priority	Total	Action Priority
1	Over \$1M	3-5 Years	2	3	3	3	3	14	High
2	\$250k - \$500k	3-5 Years	1	3	2	3	2	11	Medium
3	\$750k - \$1M	3-5 Years	1	3	2	2	2	10	Medium
4	\$50k - \$250k	3-5 Years	1	3	2	2	2	10	Medium

Figure 1: Borough of Lincoln Park Hazard Area Extent and Location Map 1

