

ANNEX 33: TOWNSHIP OF RANDOLPH

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 Township of Randolph 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) | Is this State Mandated? | 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 | State & Local | Yes | | |
| Comment: Building Department, State Uniform Construction Code Act (N.J.S. 52:27D-119 et seq.) Chapter 12 adopted; consisting of a Construction Official, Building Subcode Official, Plumbing Subcode Official, Electrical Subcode Official, Fire Protection Subcode Official, Elevator Subcode Official and such other subcode officials for such additional subcodes as the Commissioner of the Department of Community Affairs, State of New Jersey, shall hereafter adopt as part of the State Uniform Construction Code. | | | | | |
| Zoning Code | Yes | Local | Yes | | |
| Comment: Land Development Code, Ordinance 10-23 adopted) April 20, 2023; Zoning Board of Adjustment is appointed by the Township Council; Article III Zoning - the provisions of this Article shall be held to be minimum requirements adopted for the promotion of the public health, safety, morals and general welfare, consistent with the purposes set forth at N.J.S.A. 40:55D-2. Any deviation proposed from the use and bulk requirements of this Article shall require a variance pursuant to N.J.S.A. 40:55D-70c or d or N.J.S.A. 40:55D-60a. | | | | | |
| Subdivisions | Yes | Local | Yes | Yes | |
| Comment: Township Council Land Development Ord. Article V. The purpose of good subdivision and site design is to create a functional and attractive development, to minimize adverse impacts, and to ensure a project will be an asset to a community. Development laid out to avoid adversely affecting groundwater and aquifer recharge; reduce cut and fill; avoid unnecessary impervious cover; to prevent flooding. | | | | | |
| Stormwater Management | Yes 03/06/2014 | Local | Yes | Yes | |
| Comment: Township Council Land Development Ord. Article VIII (Stormwater Control) February 18, 2021. Flood control, groundwater recharge, and pollutant reduction through nonstructural or low impact techniques shall be explored before relying on structural BMPs. Structural BMPs should be integrated with nonstructural stormwater management measures and proper maintenance plans. Nonstructural measures include both environmentally sensitive site design and source controls | | | | | |

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| | Do you have this? (Yes/No) | Authority that enforces (Federal, State, Regional, County, Local) | Is this State Mandated? | 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 #. |
| that prevent pollutants from being placed on the site. Source control plans should be developed based upon physical site conditions and the origin, nature, and the anticipated loading of potential pollutants. Multiple stormwater management BMPs may be necessary to achieve the established performance standards for water quality, quantity, and groundwater recharge. | | | | | |
| Post-Disaster Recovery | No | | | | |
| Comment: | | | | | |
| Real Estate Disclosure | Yes | State | | | |
| Comment: Division of Consumer Affairs 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 | | | | |
| Comment: | | | | | |
| Site Plan Review | Yes | Local | Yes | Yes | |
| Comment: Refer to the Township Council Land Development Ord. Article V above | | | | | |
| Environmental Protection | Yes | | | | |
| Comment: See Local Ordinance 15-81.7. - Environmental impact statements. The Planning Board or Zoning Board of Adjustment or Township staff, whichever is appropriate, may require an applicant to prepare, at his own expense, an environmental impact statement describing and explaining the impact and effect of proposed land development upon natural systems and the environment of the Township. | | | | | |
| Flood Damage Prevention | Yes | Federal, State, Local | Yes | | |
| Comment: Chapter 22 (Flood Management). It is the purpose of this chapter to promote the public health, safety and general welfare, to qualify the township and its property owners for benefits of the National Flood Insurance Program by fulfilling the standards of 44 CFR 59, section 60.3(d), and to minimize public and private losses due to flood conditions in specific areas. | | | | | |
| Wellhead Protection | No | | | | |
| Comment: There are wellhead protection areas in the Township according to the Stormwater Management Plan (Figure 6) | | | | | |
| Emergency Management | No | | | | |
| Comment: | | | | | |
| Climate Change | Yes | | | | |
| Comment: See Local Ordinance 15-77.4. - Site protection and general planting requirements. In residential developments, besides the screening and street trees required, additional plantings or landscaping elements shall be required throughout the subdivision where necessary for climate control, privacy, or for aesthetic reasons in accordance with a planting plan approved by the appropriate Board. | | | | | |
| Disaster Recovery Ordinance | No | | | | |

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| | Do you have this? (Yes/No) | Authority that enforces (Federal, State, Regional, County, Local) | Is this State Mandated? | 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: | | | | | |
| Disaster Reconstruction Ordinance | No | | | | |
| Comment: | | | | | |
| Other | | | | | |
| Comment: | | | | | |
| <ul style="list-style-type: none"> • Municipal Separate Storm Sewer System (MS4) – Yes, State and Local, DPW, Ordinance 13-10 • Article IV (Regulations for Development Within Steep Slope Areas) Local Township Council, Land Development Ord. Article IV | | | | | |
| Planning Documents | | | | | |
| Comprehensive / Master Plan | Yes | Local | Yes | Yes | |
| Comment: Planning Board, 2006 Master Plan; Master Plan Re-exam in July 2016. General goal is to permit development in a manner to protect environmentally sensitive areas and features. | | | | | |
| Capital Improvement Plan | Yes | Local | | | |
| Comment: Township Council Capital Improvement Plan; Supplemental 6 Year Plan to be included with Municipal Budget | | | | | |
| Disaster Debris Management Plan | Yes | Local | | | |
| Comment: Permanent site identified for debris collection; mulch and distribute; curb-side collection program; written plan from the State to store vegetative material; health dept got the certificate and health dept manages it; three alternate sites for major storms | | | | | |
| Floodplain or Watershed Plan | Yes | | | | |
| Comment: See Local Ordinance ARTICLE III. - STANDARDS FOR FLOOD HAZARD REDUCTION. | | | | | |
| Stormwater Management Plan | Yes | Local | | | |
| Comment: Planning Board Storm Water Management Plan 2005 Plan, part of NJDEP Permit NJG0152501 | | | | | |
| Stormwater Pollution Prevention Plan | Yes | Local | Yes | | |
| Comment: Reviewed and updated as of July 2024; outlines responsibilities for maintenance of Township owned facilities and outreach to private owned facilities | | | | | |
| Urban Water Management Plan | No | | | | |
| Comment: | | | | | |
| Habitat Conservation Plan | No | | | | |
| Comment: | | | | | |
| Economic Development Plan | No | | | | |
| Comment: | | | | | |
| Shoreline Management Plan | N/A | | | | |
| Comment: | | | | | |

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| | Do you have this? (Yes/No) | Authority that enforces (Federal, State, Regional, County, Local) | Is this State Mandated? | 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 #. |
| Community Wildfire Protection Plan | No | | | | |
| Comment: | | | | | |
| Community Forest Management Plan | No | | | | |
| Comment: | | | | | |
| Transportation Plan | Yes | Local | | | |
| Comment: Updated by Planning Board in the 2025 Master Plan Circulation Element | | | | | |
| Agriculture Plan | No | | | | |
| Comment: | | | | | |
| Climate Action Plan | No | | | | |
| Comment: | | | | | |
| Tourism Plan | No | | | | |
| Comment: | | | | | |
| Business Development Plan | No | | | | |
| Comment: | | | | | |
| Other | | | | | |
| Comment: | | | | | |
| <ul style="list-style-type: none"> Open Space Plan – Yes 1/03/14, Local Environmental Committee, Open Space Program Acquisition and Trail Plan | | | | | |
| Response/Recovery Planning | | | | | |
| Comprehensive Emergency Management Plan (CEMP) / Emergency Operations Plan (EOP) | Yes | Local | Yes | Yes | |
| Comment: OEM EOP 2024; includes many of the hazards included in the hazard mitigation plan (i.e., flood, earthquake, landslide, hurricane, storm, epidemic, hazardous materials) | | | | | |
| Threat & Hazard Identification & Risk Assessment (THIRA) | No | | | | |
| Comment: Informal Risk Assessment Planning (County/Local Emergency Training) | | | | | |
| Post-Disaster Recovery Plan | No | | | | |
| Comment: | | | | | |
| Continuity of Operations Plan | Yes | | | | |
| Comment: Refer to the EOP annex | | | | | |
| Public Health Plan | Yes | | | | |
| Comment: Refer to annex in the EOP; recently updated | | | | | |
| Other | | | | | |

| | Do you have this? (Yes/No) | Authority that enforces (Federal, State, Regional, County, Local) | Is this State Mandated? | 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: | | | | | |

Table 2: Development and Permitting Capability

| Criterion | Response |
|--|-------------------------------|
| Does your jurisdiction issue development permits? - If no, who does? If yes, which department? | Yes Building/Zoning |
| Does your jurisdiction have the ability to track permits by hazard area? | Yes |
| 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. | No Significantly Built Out |

1.2 ADMINISTRATIVE AND TECHNICAL CAPABILITIES

The table below summarizes potential staff and personnel resources available to the Township of Randolph.

Table 3: Administrative and Technical Capabilities

| Staff/Personnel Resource | Available? | Department/Agency/Position |
|---|------------|---|
| Administrative Capability | | |
| Planning Board | Yes | Planning Board/Zoning Board of Appeals |
| Mitigation Planning Committee | Yes | Includes representatives from Fire, Finance, Planning, Police, OEM, Engineering, and Public Works |
| Environmental Board / Commission | Yes | Environmental & Landmark Committee, advisory to Township Council |
| Open Space Board / Committee | Yes | Function of Environmental & Landmark Committee |
| Economic Development Commission / Committee | Yes | Yes, Advisory to Council |
| Warning Systems / Services (reverse 911, outdoor warning signals) | Yes | RAVE Alert |
| Maintenance program to reduce risk | Yes | Vegetation Management, Culvert Cleaning |
| Mutual aid agreements | Yes | Surrounding Communities, Morris County, Surrounding Counties |
| Technical/Staffing Capability | | |
| Planners or engineers with knowledge of land development and land management practices | Yes | Land Use Administrator/Township Engineer |
| Engineers or professionals trained in building or infrastructure construction practices | Yes | Township Engineer |

| Staff/Personnel Resource | Available? | Department/Agency/Position |
|---|------------|--|
| Planners or engineers with an understanding of natural hazards | Yes | Township Engineer |
| Staff with training in benefit/cost analysis | Yes | Township Engineer |
| Staff with training in green infrastructure | Yes | Consulting Engineer |
| Staff with education/knowledge/training in low impact development | Yes | Consulting Engineer |
| Surveyor | Yes | Consulting Engineer |
| Stormwater engineer | | |
| Personnel skilled or trained in GIS applications | Yes | Land Use Administrator/Township Engineer |
| Local or state water quality professional | | |
| Scientist familiar with natural hazards in local area | Yes | Township Engineer |
| Emergency manager | Yes | Managers Office |
| Watershed planner | Yes | Township Engineer |
| Environmental specialist | Yes | Health Department, Engineering |
| Grant writers | Yes | Managers Office |
| Resilience Officer | No | |
| Other | No | |

1.3 FISCAL CAPABILITIES

The table below summarizes financial resources available to the Township of Randolph.

Table 4: Fiscal Capabilities

| Financial Resource | Accessible or Eligible to Use? |
|--|--------------------------------|
| Community Development Block Grants (CDBG, CDBG-DR) | Yes – As Applicable |
| Capital Improvements Project Funding | Yes |
| Authority to Levy Taxes for Specific Purposes | Yes |
| User Fees for Water, Sewer, Gas or Electric Service | Yes - Water and Sewer |
| Incur Debt through General Obligation Bonds | Yes |
| Incur Debt through Special Tax Bonds | Yes |
| 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 | |

1.4 EDUCATION AND OUTREACH CAPABILITIES

The table below summarizes the education and outreach resources available to the Township of Randolph.

Table 5: Education and Outreach Capabilities

| Criterion | Response |
|--|---|
| Do you have a public information officer or communications office? | Yes- Manager's Office |
| Do you have personnel skilled or trained in website development? | Yes - Manager's Office, Clerk's Office, IT personnel |
| Do you have hazard mitigation information available on your website? <ul style="list-style-type: none"> If yes, briefly describe. | Yes - Links to Stormwater Information, and information for citizens |
| Do you use social media for hazard mitigation education and outreach? <ul style="list-style-type: none"> If yes, briefly describe. | Yes - Facebook, Twitter, Instagram |
| 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. | Yes - Traffic Advisory, Environmental and Landmark Committee |
| 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 - Quarterly Newsletter, Weekly "E-Blast", Special Mailings |
| Do you have any established warning systems for hazard events? <ul style="list-style-type: none"> If yes, briefly describe. | Yes - RAVE Alert, Social Media |

1.5 COMMUNITY CLASSIFICATIONS

The table below summarizes the classifications for community programs available to the Township of Randolph.

Table 6: Community Classifications

| Program | Participating? | Classification | Date Classified |
|--|----------------|----------------|-----------------|
| Community Rating System | No | | |
| Building Code Effectiveness Grading Schedule (BCEGS) | No | | |
| Public Protection (Fire ISO Protection Class) | Yes | Class 4 | Dec-2017 |
| Storm Ready Certification | No | | |
| Firewise Community Classification | No | | |
| Sustainable Jersey | No | | |

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? | Township Engineer |
| Who is your floodplain administrator? (name, department/position) | Trista Kuna-Santos, P.E., CFM |

| Criterion | Response |
|--|--|
| Are any certified floodplain managers on staff in your jurisdiction? | Yes |
| What is the date that your flood damage prevention ordinance was last amended? | 1979 |
| Does your floodplain management program meet or exceed minimum requirements? <ul style="list-style-type: none"> If exceeds, in what ways? | Meets |
| When was the most recent Community Assistance Visit or Community Assistance Contact? | Not listed in NJDEP's database |
| 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. | Yes 10 years in the Municipality |
| 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? | No |
| <input type="checkbox"/> If so, what type of assistance/training is needed? | |
| 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? | No Not enough NFIP Policies in township to make it worth it's while |
| 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? | 4 NFIP Policies 51 WYO Policies |
| 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? | 4 NFIP Claims: \$1,764 22 WYO Claims: \$207,610 |
| Do you maintain a list of properties that have been damaged by flooding? | No |
| Do you maintain a list of property owners interested in flood mitigation? | No |

2 HAZARD ANALYSIS AND RISK ASSESSMENT

2.1 HAZARD AREA EXTENT AND LOCATION

Hazard area extent and location maps were generated for the Township of Randolph 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 Township of Randolph 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 Township of Randolph.

- Number of repetitive loss (RL) properties: 1
- Number of severe repetitive loss (SRL) properties: 0
- Number of RL/SRL properties that have been mitigated: 0

2.3 CRITICAL FACILITIES

There are no critical facilities are located in the FEMA 1% and 0.2% Flood Hazard Area

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. The ranking process involves an assessment of the likelihood of occurrence for each hazard; its potential impacts on people, property, and the economy; community capability and changing future climate conditions. This input supports the mitigation action development to target those hazards with highest level of concern.

Each plan participant may have differing degrees of risk exposure and vulnerability compared to Morris County as a whole. Therefore, each jurisdiction ranked the degree of risk to each hazard as it pertains to their community factoring in their capabilities to withstand impacts and rebound after the event. The table below summarizes the hazard rankings of potential natural hazards for the Township of Randolph. The Township of Randolph 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.

Table 8: Township of Randolph Hazard Ranking Input

| Hazard | Ranking | Hazard | Ranking |
|---------------------|---------|----------------------|---------|
| Drought | Medium | Hazardous Substances | Medium |
| Earthquake | Medium | Severe Weather | Medium |
| Extreme Temperature | Medium | Severe Winter Storm | Medium |
| Flood | High | Wildfire | Low |
| Geological Hazards | Medium | | |

2.5 COMPLETED ACTIONS

Randolph Township reported the following completed actions.

| 2020 Action | Mitigation Action Name | Project Description | Project Results |
|-------------------|----------------------------------|---|------------------|
| 2020-Randolph-001 | Backup Power for NJ Route 10 | There is no backup power for traffic lights on NJ Route 10 State Highway intersections. Township Police conduct traffic control intersections which is costly due to overtime and comes out of the Township budget. The Township owns generators that can be used however a transfer switch is needed for each light and the State's permission is needed for installation. | Project Complete |
| 2020-Randolph-006 | Purchase Sterilization Equipment | The COVID-19 pandemic has presented challenges identified the need to increase equipment to sterilize to ensure safe work environments to ensure the continuity of operations for essential services (e.g., emergency services, DPW). The Township does not have adequate supplies. | Project Complete |

2.6 CANCELLED ACTIONS

Randolph Township reported the following canceled actions.

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| 2020 Action | Mitigation Action Name | Project Description | Justification |
|-------------------|--|--|---|
| 2020-Randolph-003 | Stormwater Flooding – Jennifer Avenue and Route 10 | Stormwater backup at Jennifer Avenue and Route 10 West (630 Rt 10) causes temporary flooding (2-4 hours of Rt 10 Shutdown) at a dip in the road. State owned culvert. Stormwater flooding is exacerbated by Leaf-Guard Grates with high intensity, short duration storms. State/County culvert. The flooding is increasing in frequency due to an increase in heavy rain events with 1-inch of rain or more per hour. Township to alert the State DOT of this issue because this is a State-owned road. The project may involve increasing the capacity of the stormwater drain or number of drains. | The road is state-owned and Randolph does not have the jurisdiction to fix the issue. |
| 2020-Randolph-004 | Repetitive Loss Properties | There are two RL properties in the Township. The Township will request the location of the repetitive loss properties by submitting an ISAA to FEMA. The Township will then conduct outreach to educate owners of their RL status and provide them mitigation options. Compile a list of mitigation activities the homeowners would like to pursue then develop a FEMA HMA grant to obtain funding | The Township was not able to obtain relevant information about this project. 2020 action replaced with 2025 action 5. |

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 | Randolph Township | Stormwater flooding - Franklin Rd near Denville border | Stormwater back-up on Franklin Rd along roadway between Rockaway Rd & Denville Twp. Line. This area is composed of wetlands, low-income housing, light industrial for Randolph. For Denville Twp, it contains some of their well fields and pump house. | Coordinate with Denville Twp & County DOT regarding this repetitive flooding issue. The Rockaway River issues are increased by construction completed by NJ Transit drainage changes after bridge construction in 2006. 2023 has brought more severe rains and more flooding. NJ EPA has stopped the county mosquito comm from cleaning channels to allow water to drain | Yes, only worse now with the larger rain amounts per storm | NJ Transit has assembled a large grate to keep debris from entering a major drain, and they have also done some clean up. Drain seems to be bringing water from river into neighborhood instead of taking water to the river. |
| 2 | Randolph Township | Burnett Brook Dr. retention basin | The pond is almost completely full of silt which greatly reduces its storage capacity. The South Road bridge just | Rehabilitate/restore retention basin | Yes | Not Started |

| 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 |
|--------|-------------------|--------------------------------------|---|---|--|---|
| | | | downstream on the Chester/Mendham border becomes impassable after heavy rain. | | | |
| 3 | Randolph Township | Stormwater Flooding – State Route 10 | There is a single grate on either side of the Route 10 underpass and collects stormwater from Sussex Turnpike (1.2 miles) (near 1152 Route 10); pipe installed in 1930’s when needs were different (development has increased). The Township DPW has examined the location and determined the pipe is facing the wrong way into the River; drainage ditch and pipe is full of 5-ft of sediment. Black River Pond is going back up into the pipe and flooding Sussex Tpke. This creates a safety issue for cars that drive through the flooding; police/fire are called to assist; eventually drains down but a problem for residents. One police car was lost due to the flood waters; and rescues have been made for stranded residents in vehicles caught in these flood waters | Coordinate with the State DOT regarding this repetitive flooding issue. The DOT needs to remove the sediment in the Right of Way and provide maintenance to its infrastructure. Request this project be included in the State of NJ Hazard Mitigation Plan. In the short-term, the Township may install signage to warn vehicles of potential flooding and mark flood depths. | Yes, only worse now with the larger rain amounts per storm | Not started, NJ DEP told us they have a plan, but are not ready to share it with the township at this time. Planning to start in 2028 |

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| 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 |
|--------|-------------------|------------------------|---|--|---|--|
| 4 | Randolph Township | Shongum Lake | Shongum Lake is a recreational waterbody with multiple stormwater facilities directly discharging to the lake from various roads and surrounding properties. The lake has been experiencing serious water quality problems that impair its recreational use and aesthetics and has resulted in restrictions on its use to the heavy stormwater runoff from the surrounding properties and roadways. Significant sediment accumulation has occurred in the lake and resulted in reduced water depths due to the erosion of the stormwater discharge channels by the stormwater runoff. | Submit a proposal to NJDEP 2019 Water Quality Restoration Grant to target improving the water quality conditions within Shongum Lake and eliminate algal growth through implementing best management practices (BMPs) to prevent and minimize contaminants from entering directly into the waterbody and the on-going, operation and long term maintenance of sediment management systems and conditions within the watershed and the lake itself through the committed efforts and resources of the Township of Randolph and the SLPOA. | Yes | Not Started |

| 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 |
|--------|-------------------|---------------------------|--|--|---|--|
| 5 | Randolph Township | Address RL/SRL Properties | Randolph contains a few repetitive loss/severe repetitive loss properties. These properties are vulnerable to flood hazards. | Mitigate the impacts of floods on these properties, whether through direct mitigation or develop a FEMA HMA grant to obtain funding. | Yes | Not Started |

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 | Severe Weather | Goal 1 | N/A | <u>Township leads outreach to the State DOT and</u> | NJ Transit | FEMA HMA | Flood mitigation |

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| | 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? |
|---|---|--|--|---|---|---|--|---|
| | | | | | <u>installation of sign; NJDOT</u> | | | |
| 2 | Flood | Severe Weather | Goal 1 | N/A | <u>Township</u> | N/A | FEMA HMA | Flood mitigation |
| 3 | Severe Weather | Flood | Goal 1 | N/A | <u>Township leads outreach to the State DOT and installation of sign; NJDOT</u> | N/A | State DOT; Township budget | Flood mitigation |
| 4 | Flood | N/A | Goal1 | N/A | <u>Township for permitting</u> | Shongum Lake Property Owners Association | NJDEP Water Quality Restoration Grant | Flood mitigation |
| 5 | Flood | N/A | Goal 1 | N/A | <u>Township; Homeowners</u> | N/A | FEMA HMGP | Flood mitigation |

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 1 - BCA equal 2 - Minor Exceedance 3 - Major Exceedance | Community Action Priority Ranking 1 - Low Priority 2 - Medium Priority 3 - High Priority | Total | Action Priority |
|---|--|---|--|---|---|--|---|-------|-----------------|
| 1 | \$50k-250k | 3-5 years | 2 | 3 | 1 | 1 | 2 | 9 | Medium |
| 2 | \$50k-250k | 3-5 years | 1 | 3 | 2 | 2 | 2 | 10 | Medium |
| 3 | \$50k-250k | 3-5 years | 2 | 2 | 3 | 3 | 2 | 12 | Medium |
| 4 | \$50k-\$250k | 3-5 years | 1 | 2 | 1 | 1 | 1 | 6 | Low |

Figure 1: Township of Randolph Hazard Area Extent and Location Map 1

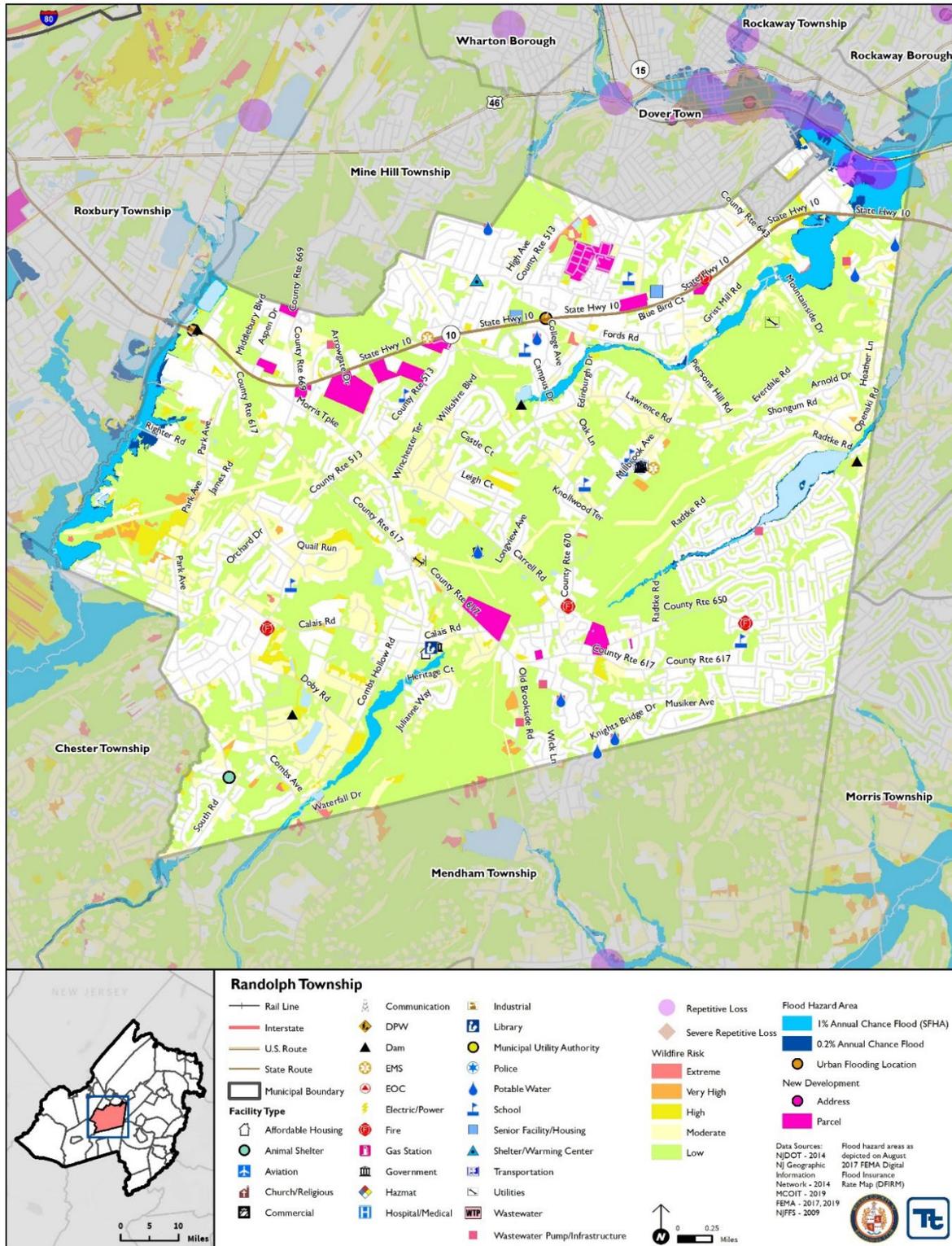


Figure 2: Township of Randolph Hazard Area Extent and Location Map 2

