

## 9.6: Township of Buena Vista – Jurisdictional Annex

### Summary of Hazards and Actions

| Summary of Hazard Ranking and Actions, Township of Buena Vista |                |                      |   |
|--|----------------|----------------------|---|
| Hazard   | Hazard Ranking | # of Related Actions | Action #s                                     |
| <b>Atmospheric Hazards</b>                                     |                |                      |   |
| Extreme Temperatures   | M              | 2                    | 5,12  |
| Extreme Wind   | M              | 2                    | 5,12  |
| Hail   | L              | 2                    | 5,12  |
| Hurricane & Tropical Storm                                     | H              | 10                   | 5, 6, 7, 8, 9, 10, 11, 12, 13, 14             |
| Lightning  | L              | 2                    | 5,12  |
| Nor'easter   | M              | 10                   | 5, 6, 7, 8, 9, 10, 11, 12, 13, 14             |
| Tornado  | L              | 2                    | 5,12  |
| Winter Storm   | M              | 2                    | 5,12  |
| <b>Hydrologic Hazards</b>                                      |                |                      |   |
| Coastal Erosion  | #N/A           |                      |   |
| Sea Level Rise   | #N/A           |                      |   |
| Dam Failure  | N/A            | 2                    | 5,12  |
| Levee Failure  | N/A            |                      |   |
| Drought  | L              | 2                    | 5,12  |
| Flood  | H              | 14                   | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 |
| Tsunami  | #N/A           |                      |   |
| Storm Surge  | #N/A           |                      |   |
| Wave Action  | #N/A           |                      |   |
| <b>Geologic Hazards</b>  |                |                      |   |
| Earthquake   | L              | 2                    | 5,12  |
| <b>Other Natural Hazards</b>                                   |                |                      |   |
| Wildfire   | M              | 3                    | 5, 12, 14                                     |

# Mitigation Strategy for Risk Reduction

| Overview of Municipal Mitigation Strategy, Township of Buena Vista |  |   |          |       |
|--|--|---|----------|-------|
| Project Number   | Project Description  | Hazard(s) Addressed                         | Priority | Goals |
| 1  | Replace aging and collapsing existing failing stormwater piping and inlets   | Flood                                       | H        | 3     |
| 2  | Elevation of Pancoast Mill Rd and Dam bridge improvement.  | Flood                                       | H        | 3     |
| 3  | Alleviate flooding of Chestnut Ave via stormwater management.  | Flood                                       | H        | 3     |
| 4  | Alleviate flooding on Vine Rd via stormwater management and drainage.  | Flood                                       | H        | 3     |
| 5  | Review existing hazard mitigation plan and recurring situations within Buena Vista.  | All   | H        | 4     |
| 6  | Advocate for inclusion of Cranberry Run in flood zones   | Flood, Hurricane/Tropical Storm, Nor'easter | M        | 3     |
| 7  | Install retention areas to limit flooding and risk to properties .Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.   | Flood, Hurricane/Tropical Storm, Nor'easter | H        | 3     |
| 8  | Retrograde/upgrade inadequate piping currently in place to handle projected flows inclusive of but not limited to the Collings Lakes area. Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.  | Flood, Hurricane/Tropical Storm, Nor'easter | H        | 3     |
| 9  | Upgrade drainage systems. Actions that are inclusive of but not limiting to increasing capacity and culverts to limit ponding in the areas throughout the township.  | Flood, Hurricane/Tropical Storm, Nor'easter | M        | 3     |
| 10   | Retrofit and upgrade the drainage system in the area of Cedar Gardens  | Flood, Hurricane/Tropical Storm, Nor'easter | M        | 3     |
| 11   | Identify and retrofit shelters for vulnerable populations  | Flood, Hurricane/Tropical Storm, Nor'easter | M        | 2, 3  |
| 12   | Personnel to establish plans to educate community including use of PSAs, website, flyers, brochures, social media, etc. and enhance OEM deployment and community emergency preparedness capabilities.  | All   | H        | 1     |
| 13   | Retrofit or acquire/relocate to protect structures from future damage, with recurring loss and severe repetitive loss properties as a priority. 'Phase 1 - identify appropriate candidate properties and prioritize. Phase 2 - determine most cost effective mitigation option. Phase 3 - Work with the property owners to implement selected action based on available funding from FEMA and local match availability | Flood, Hurricane/Tropical Storm, Nor'easter | H        | 3     |
| 14   | Lake Ann Access Route / Firewise. Determine feasibility of restoring previous secondary access road or identify and create secondary access for at least emergent ingress/egress access. Participate in fire community efforts to reduce risk.   | Flood, Hurricane/Tropical Storm, Nor'easter | H        | 3     |

More detailed information on these individual actions is presented at the end of this annex.

## Contact Information

Buena Vista’s Statement of Authority to Participate identified a Primary Point of Contact and an Alternate for this hazard mitigation plan update. These individuals represented the jurisdiction on the county-wide Core Planning Group and led a local team of Jurisdictional Assessment Team Members who undertook various local activities related to the plan update.

| HAZARD MITIGATION PLAN POINTS OF CONTACT  |  |  |   |                    |                        |                        |
|---|--|--|---|--------------------|------------------------|------------------------|
| Primary Point of Contact  |  |  | Alternate Point of Contact  |                    |                        |                        |
| Name: Debra Bell<br>Title: OEM Coordinator<br>Department: Emergency Management<br>Address: 890 Harding Highway, Buena, NJ 08310<br>Phone Number: 609-464-2081<br>E-mail Address: dbell@buenavistanj.com |  |  | Name: Lisa Tilton<br>Title: Administrator Clerk<br>Department: Clerk’s Office<br>Address: 890 Harding Highway, Buena NJ 08310<br>Phone Number: 856-697-2100 ext. 11<br>E-mail Address: ltilton@buenavista.com |                    |                        |                        |
| Jurisdictional Assessment Team Members  |  |  |   |                    |                        |                        |
| Please fill in the contact details for the person filling in this page:   |  |  |   |                    |                        |                        |
| Name:   | Debr L. Bell   |  |   |                    |                        |                        |
| Title:  | Emergency Management Coordinator                                   |  |   |                    |                        |                        |
| Community Name:   | Buena Vista Township   |  |   |                    |                        |                        |
| County:   | Atlantic County, NJ  |  |   |                    |                        |                        |
| Email:  | <a href="mailto:dbell@buenavistanj.com">dbell@buenavistanj.com</a> |  |   |                    |                        |                        |
| Phone:  | 609-464-2081   |  |   |                    |                        |                        |
| *Note: If your community does not have someone filling the role of a position title in Column A, please insert the word "none" in Column B. Thank you.  |  |  |   |                    |                        |                        |
| Local Jurisdiction Role/Position  | Name   | Email  | Phone   | Date of Invitation | Method of Invitation   | Agreed to participate? |
| Mayor/Supervisor  | John William   | <a href="mailto:jwilliams@buenavistanj.com">jwilliams@buenavistanj.com</a> | 856-697-2100 ext 1  | 04/26/21           | In person presentation | yes                    |
| Administrator   | Lisa Tilton  | <a href="mailto:ltilton@buenavistanj.com">ltilton@buenavistanj.com</a>     | 856-697-2100 ext 1  | 04/20/21           | EMC Email              | yes                    |
| Clerk   | Lisa Tilton  | <a href="mailto:ltilton@buenavistanj.com">ltilton@buenavistanj.com</a>     | 856-697-2100 ext 1  | 04/20/21           | EMC Email              | yes                    |
| Engineer  | David Scheidegg  | <a href="mailto:daavid@snsce.com">daavid@snsce.com</a>                     | 609-625-7400  | 04/26/21           | In person presentation | yes                    |
| Attorney  | Eric M Bernstein   | <a href="mailto:info@embalaw.com">info@embalaw.com</a>                     | 732-805-9419  | 04/26/21           | In person presentation | yes                    |
| Building Code Official  | David Scheidegg  | <a href="mailto:daavid@snsce.com">daavid@snsce.com</a>                     | 609-625-7400  | 04/26/21           | In person presentation | yes                    |
| Emergency Manager   | Debra L. Bell  | <a href="mailto:dbell@buenavistanj.com">dbell@buenavistanj.com</a>         | 609-464-2081  | 04/20/21           | County Email           | yes                    |
| Fiscal/Budget Officer   | Lisa Tilton  | <a href="mailto:ltilton@buenavistanj.com">ltilton@buenavistanj.com</a>     | 856-697-2100 ext 1  | 04/20/21           | EMC Email              | yes                    |
| Floodplain Manager  | David Scheidegg  | <a href="mailto:daavid@snsce.com">daavid@snsce.com</a>                     | 609-625-7400  | 04/26/21           | In person presentation | yes                    |
| Planner   | Tiffany Morissey   | <a href="mailto:tmorissey@verizon.net">tmorissey@verizon.net</a>           | 856-912-4415  | 04/26/21           | In person presentation | n/a                    |
| Public Works Director   | Brian Johnson  | <a href="mailto:bjohnson@buenavistanj.com">bjohnson@buenavistanj.com</a>   | 856-697-2100 ext 1  | 04/26/21           | In person presentation | yes                    |

Buena Vista has reported undertaking the following internal activities in preparation of its mitigation plan:

| Subject of JAT Activity (Meeting Notice, Emails, Etc.)                                  | Date      | INVOLVED PARTIES - Place an 'x' for any position title that participated |               |       |          |          |                           |                      |                              |                       |         |                          |
|---|-----------|--|---------------|-------|----------|----------|---------------------------|----------------------|------------------------------|-----------------------|---------|--------------------------|
|   |           | Mayor/<br>Supervisor   | Administrator | Clerk | Engineer | Attorney | Building<br>Code Official | Emergency<br>Manager | Fiscal<br>/Budget<br>Officer | Floodplain<br>Manager | Planner | Public Works<br>Director |
| Request for of Resolution   | 4/20/2021 |  | X             |       |          |          |                           |                      | X                            |                       |         |                          |
| Presentation and Resolution Request to Mayor and Council with other JAT members present | 04/26/21  | X  | X             | x     | X        | x        | X                         |                      | X                            | X                     | X       | X                        |
| Invite for County kick off meeting received   | 05/13/21  |  |               | X     |          |          |                           | X                    | X                            |                       |         | X                        |
| Reminder and details for kick ff meeting  | 05/18/21  |  |               | x     |          |          |                           | x                    | x                            |                       |         | x                        |
| Attend County kick off meeting  | 05/20/21  |  |               | x     |          |          |                           |                      | x                            |                       |         |                          |
| Worksheets received and to be reviewed  | 05/20/21  |  | X             | X     | X        |          |                           | X                    | X                            | X                     | X       | x                        |
| Notification to scheudle Worksheet Assistance call with vendor                          | 06/03/21  |  | x             | X     |          |          |                           | x                    | x                            |                       |         | x                        |
| Receieved Draft Section 2 Hazard Identification for review                              | 06/02/21  |  | x             | x     |          |          |                           | x                    | x                            |                       |         | x                        |
| Response post review of Draft Sectio 2 Hazard Identification                            | 06/19/21  |  | X             | x     |          |          |                           | x                    | x                            |                       |         |                          |
| Call with vendor for Worksheet Assistance   | 06/16/21  |  |               |       |          |          |                           | X                    |                              |                       |         |                          |
| Draft of forms completed and sent to BA for JAT distribution and reviews                | 08/11/21  |  |               |       |          |          |                           | X                    |                              |                       |         |                          |
| Forms finalized with no additioanal changes from JAT                                    | 08/16/21  | x  | x             | x     | x        | x        | x                         | x                    | x                            | x                     | x       | x                        |
| Submitted Worksheets and Forms with response from Anna Foley                            | 08/17/21  |  |               |       |          |          |                           | X                    |                              |                       |         |                          |
| Intro and update from vendor rep Richard Franks   | 09/09/21  |  |               |       |          |          |                           | x                    |                              |                       |         |                          |
| HM related reminders from County  | 09/09/21  |  | x             | x     |          |          |                           | x                    | x                            |                       |         | x                        |
| Request updated hours log   | 09/15/21  |  | x             | x     |          |          |                           | x                    | x                            |                       |         | x                        |
| Update and submit forms and worksheets to vendor  | 09/15/21  |  |               |       |          |          |                           | X                    |                              |                       |         |                          |

## Governing Body Format

The Township Committee is comprised of five members, elected directly by the voters at large in partisan elections to serve three-year terms of office on a staggered basis, with either one or two seats coming up for election each year as part of the November general election in a three-year cycle. At an annual reorganization meeting, the Township Committee selects one of its members to serve as Mayor and another to serve as Deputy Mayor.

## Land Use and Development Trends

An evaluation of growth and development trends was undertaken by each participating jurisdiction as part of the development of the initial plan in 2010, and the last update in 2016. As part of this second plan update, Buena Vista reviewed and updated its prior feedback to reflect current conditions as of mid-2021. Buena Vista did not report any planned major developments.



### Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update *Worksheet #3 – Growth and Development Trends Update*

Performing an assessment of Growth and Development Trends is one step of a FEMA-approved hazard mitigation plan update. This look into the future is important because development in hazard areas could put more assets at risk and, in turn, could work to increase potential disaster-related damages at a time when the mitigation plan's purpose is to reduce the potential for damages emanating from natural disasters. Growth/development trends are based on the construction of new buildings, demolition of old buildings, or the planning, zoning or subdivision of new areas for development. A stagnant or decreasing population alone is not reason for stating that no development has occurred, unless backed up by a lack of development.

An evaluation of growth/development trends was undertaken by each participating jurisdiction as part of the development of the 2016 plan. Your municipality's prior response from 2016 is included on the next page in Part 1. Please review your community's prior feedback, and identify any changes that have occurred since that time so the most current information can be reflected in this 2021 plan update. In addition, please provide responses for Part 2.

Information for the 2016 plan was provided to us by: Tiffany CuvIELLO, Certified Planner

□

Your Name: [ Debra L. Bell ]

Title: [ EMC ]

Community: [ Buena Vista Township ]

Email and Phone: [ dbell@buenavistani.com 609-464-2081 ]

Part 1 – Please update your response from 2016 to reflect current conditions in the community.

| Community                       | <p><b>1. Land Uses and Development Trends in Hazard Areas as Reported in the 2016 Plan.</b> Please describe development trends occurring within your jurisdiction, such as the predominant types of development occurring, location, expected intensity, and pace by land use. While details are preferred, it is ok if your feedback is qualitative and quite general, such as “high-occupancy, high-density residential development is occurring near the waterfront”.</p> | <p><b>1a. Please update your response to reflect conditions in 2021</b></p>                                | <p><b>Regulations/Codes/Ordinances To Protect New Development From Natural Hazards as Reported in the 2016 Plan.</b> Does your jurisdiction enforce regulations/ordinances/codes to protect new development from the effects of natural hazards? (Some examples might be floodplain management ordinances enforcing FEMA’s NFIP for new development or substantial improvements in the floodplain; steep slope ordinances for community’s which may have landslide hazards; earthquake resistant design criteria and/or high wind design criteria; or buffer zones in wildfire hazard areas.) If so, please describe.</p> | <p><b>2a. Please update your response to reflect conditions in 2021</b></p>        |
|---------------------------------|--|--|---|--|
| <p>Buena Vista, Township of</p> | <ol style="list-style-type: none"> <li>1. Retirement community located outside the Pinelands. Land that was previously used for farming. To begin in the next year or two. Potential 71 units.</li> <li>2. Single family homes on individual lots scattered throughout the township inside the Pinelands area.</li> <li>3. Planned residential single-family homes. Major sub-division. 80 units.</li> </ol>   | <p>I am informed that these three projects have not been completed and remain valid for the 2021 plan.</p> |   | <p>BVT does enforce applicable laws and regulations affecting new development.</p> |

## National Flood Insurance Program Summary

Buena Vista has participated in FEMA's National Flood Insurance program (NFIP) since 1979.

| National Flood Insurance Program Data<br>Township of Buena Vista |             |
|--|-------------|
| Total number of policies <sup>1</sup>                            | 16          |
| Insurance in force <sup>2</sup>                                  | \$4,068,800 |
| Total number of losses during NFIP participation                 | 14          |
| Total claims paid during NFIP participation                      | \$139,848   |
| Non-Mitigated Repetitive Loss Properties                         | 1           |
| Non-Mitigated Severe Repetitive Loss Properties                  | 0           |

Buena Vista does not participate in the NFIP's Community Rating System (CRS).

Buena Vista provided the following NFIP Administrator Input in 2021, for inclusion in the 2022 Plan.

<sup>1</sup> Policies in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21.

<sup>2</sup> Insurance in Force from www.fema.gov NFIP Insurance Report, data current as of 06/03/21

Name: David Scheidegg Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Community : BUENA VISTA TWP Email and Phone:



**Atlantic County Multi-Jurisdictional Hazard Mitigation Plan Update - *Worksheet #2 - NFIP***

*Note: Data showing in the form at this time was provided for the 2021 plan by: David Scheidegg. This form should be updated by your floodplain administrator.*

| Adoption Date of your Current Floodplain Management Ordinance  | Date of Entry into NFIP <sup>1</sup>                                | Position or Title of Your Jurisdiction's Designated Floodplain Manager/Administrator (may also be called NFIP Coordinator) | Is this person is a Certified Floodplain Manager?                   | Is floodplain management an auxiliary function?   | Is your community in good standing with the NFIP?                                       |  |  |
|--|---|--|---|---|---|--|--|
| <u>1986</u>  | <u>06/22/1979</u>   | <u>DAVID SCHEIDEGG, Township Engineer</u>  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                     |  |  |
| <b>Provide an explanation of NFIP administration services (i.e., permit review, GIS, education or outreach, inspections, engineering capability, etc.):</b>  |   |  |   |   |   |  |  |
| <p>A development permit shall be obtained before construction or development begins within any area of special flood hazard established in § 146-6. Application for a development permit, shall be made on forms furnished by the Township Zoning Officer. The application shall include, but not be limited to, plans in duplicate drawn to a scale of one inch equals 50 feet or greater showing the nature, location, dimensions and elevations of the area in question; existing or proposed structures, fill, storage of materials, drainage facilities and the location and extent of any disturbances of soil and/or vegetation within the special flood hazard area.</p> |   |  |   |   |   |  |  |
| <b>Describe barriers to running an effective NFIP program in the community (if applicable):</b>  |   |  |   |   |   |  |  |
| <u>NONE</u>  |   |  |   |   |   |  |  |
| When was most recent FEMA Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?*   | Is a CAV or CAC scheduled or needed?                                | Does the current floodplain management ordinance exceed FEMA or State minimum requirements? If so, describe how.           | Is training of staff regarding NFIP issues planned?                 | Does your community intend to continue to enforce the floodplain management requirements including regulating new construction in Special Flood Hazard Areas (SFHAs)? | Does your community participate in the CRS? If so, state your Class.                    | Does your community intend to continue its participation in the CRS program? | If your community is not currently participating in the CRS program, are you intending to initiate the process during the next planning cycle? |
| <u>06/25/2015</u>  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No<br>* Class <u></u> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |
| <b>*Describe any outstanding compliance issues (i.e., current violations):</b>   |   |  |   |   |   |  |  |
| <u>NA</u>  |   |  |   |   |   |  |  |

Name : [ ] Title: Floodplain Manager/Floodplain Administrator/NFIP Coordinator

Representing: [ BUENA VISTA TWP ] Email and Phone: [ ]

Provide an explanation of your local floodplain permitting process:

**SUPPLEMENTARY AND STAFF MEMBERS VIEW PERMITS, BUILDING INSPECTIONS**

|   |   |  |   |   |   |   |  |   |
|---|---|--|---|---|---|---|--|---|
| Does your community intend to continue floodplain identification and mapping services including any local requests for map updates?   | Does your community intend to initiate/continue the buyouts of repetitive loss properties?  | Does your community intend to commit staff or resources to improve local mapping or code administration in the future? | Does your community intend to provide local outreach to promote the sale of flood insurance?                    | Does your community intend to participate in RiskMAP meetings and planning initiatives?   | Does your community intend to continue to implement structural improvements to mitigate against flooding - culverts, drainage basins, etc.? | Does your community intend to continue to implement home improvement programs designed to minimize basement flooding? | Does your community intend to continue to implement roadway improvements to reduce damage from future flooding events? | Does your community intend to implement plans and programs in coordination with a local or regional drainage/sewer authority? |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |
| Does your community intend to adopt the new FEMA Advisory Base Flood Elevations?  | As Floodplain Manager, did you (or your predecessor at the time) actively participate in the development of the initial Hazard Mitigation Plan? |  | As Floodplain Manager, are you actively participating in the development of this Hazard Mitigation Plan Update? |   | Have there been any changes to your community's local floodplain management program since the last version of the plan?                     |   |  |   |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |   | <input type="checkbox"/> Yes * <input checked="" type="checkbox"/> No   |   |  |   |
| * If you answered "yes", that there have been changes to your local program since the last version of the plan, please describe:  |   |  |   |   |   |   |  |   |
| [ <b>DOES NOT APPLY</b> ]   |   |  |   |   |   |   |  |   |
| Provide a description of your community assistance and monitoring activities:   |   |  |   |   |   |   |  |   |
| [ <b>N/A</b> ]  |   |  |   |   |   |   |  |   |
| NFIP participating communities are required to update/revise their floodplain management ordinance to ensure that it complies with the latest FEMA regulations. Will your community continue to commit to this program requirement? |   |  |   | NFIP participating communities are also required to update/revise their floodplain management ordinance to be consistent with the latest FIRMs. Will your community continue to commit to this program requirement? |   |   |  |   |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |   |  |   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |   |   |  |   |

Note: All NFIP participating communities should encourage local residents to purchase and maintain flood insurance.

## Critical Facilities in Delineated Hazard Areas

Note that all assets and facilities in the Township of Buena Vista are considered to be at risk from County-wide hazards: Hurricane/Tropical Storm, Nor' easter, Extreme Wind, Tornado, Winter Weather, Lightning, Extreme Temperatures and Earthquake.

| Facility Name                       | Location                             | Facility Type     | Flood, A Zone | Flood, V Zone (Wave) | Category 1-4 Storm Surge | Coastal Erosion | Sea Level Rise, 1 Ft | Sea Level Rise, 3 Ft | Dam Failure | Low to Moderate Wildfire | High to Extreme Wildfire |
|-------------------------------------|--------------------------------------|-------------------|---------------|----------------------|--------------------------|-----------------|----------------------|----------------------|-------------|--------------------------|--------------------------|
| <b>Township of Buena Vista</b>      |                                      |                   |               |                      |                          |                 |                      |                      |             |                          |                          |
| Buena High                          | 125 Weymouth Rd                      | Emergency Shelter | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| Buena Middle                        | 175 Weymouth Rd                      | Emergency Shelter | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 1                        | 0                        |
| St Augustine Prep                   | 611 Cedar Avenue                     | Emergency Shelter | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| BVT #4 - Milmay - Station 12-4      | Mays Landing - Millville Road        | Fire Station      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| BVT #2-East Vineland- Station 12-2  | Landis Avenue and Union Road         | Fire Station      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| BVT #5 - Collings Lakes             | Cains Mill Road and Cedar Lake Drive | Fire Station      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| BVT #3 - Newtonville - Station 12-6 | Route 54                             | Fire Station      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| BVT #1 - Richland - Station 12-1    | 876 Main Avenue                      | Fire Station      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| State Police Barracks               | Pagano Drive                         | Police Station    | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| Municipal Bldg.                     | Harding Hwy                          | Public Works      | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| John C. Milanese School             | 880 Harding highway                  | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| Buena Regional Middle School        | 175 Weymouth Road                    | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 1                        | 0                        |
| Collings Lakes Elementary School    | Cains Mill Rd .& lake George Dr.     | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| St. Augustine Preparatory           | 611 Cedar Avenue                     | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| Buena Regional High School          | Weymouth road                        | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| St. Mary Regional                   | 735 South Union Road                 | School            | 0             | 0                    | 0                        | 0               | 0                    | 0                    | 0           | 0                        | 0                        |
| <b>Total</b>                        |                                      |                   | <b>0</b>      | <b>0</b>             | <b>0</b>                 | <b>0</b>        | <b>0</b>             | <b>0</b>             | <b>0</b>    | <b>2</b>                 | <b>0</b>                 |

## Summary of Estimated Potential Losses from Hazards

Estimated annual losses provided in this section are based on best available data, and the methodologies applied result in an approximation of risk. Loss estimates should be used to understand relative risk from hazards.

Uncertainties are inherent in any loss estimation methodology, arising in part from incomplete scientific knowledge concerning natural hazards and their effects on the built environment. Uncertainties also result from approximations and simplifications that are necessary for a comprehensive analysis (i.e., incomplete inventories, demographics or economic parameters).

It is important to note that this table reflects estimates of average annual damages. For any hazard, individual event damages could be substantially (orders of magnitude) higher.

Only hazards for which annual losses were quantified and presented in Section 3C are included in this table.

| Summary of Estimated Potential Losses From Hazards |                 |                   |
|--|-----------------|-------------------|
| Township of Buena Vista                            |                 |                   |
| Quantified Hazard                                  | Annualized Loss | Annual Loss Ratio |
| Extreme Wind                                       | \$161,000       | 0.033%            |
| Hurricane and Tropical Storm                       | \$180,000       | 0.020%            |
| Lightning  | \$1,400         | 0.000%            |
| Tornado  | \$400           | 0.000%            |
| Drought*   | \$1,054,000     | 5.000%            |
| Winter Storm                                       | \$4,400         | 0.001%            |
| Coastal Erosion                                    | \$0             | 0.000%            |
| Flooding (Riverine)                                | \$144,000       | 0.020%            |
| Storm Surge (Coastal Flooding)                     | \$0             | 0.000%            |
| Earthquake   | \$11,000        | 0.001%            |

\*Derived from crop values

## Outreach to the Public and Other Stakeholders

As part of this 2022 Plan Update, Buena Vista undertook various activities to: (a) alert the public and other stakeholders to the fact that the HMP Planning Committee was working to develop the update; and (b) provide the public and other stakeholders with a forum to ask questions and submit comments and suggestions on the process. Outreach activities undertaken by Buena Vista included those listed below. No comments were recorded as a result of the outreach activities.

| Outreach Activities |  |   |   |
|---------------------|--|---|---|
| Date of Activity    | Type of Activity                         | Activity Details  | Lead Department and/or Staff Title who Undertook Activity |
| 04/26/21            | Presentation at public township meeting. | Administrator presented the need for resolution to participate in the plan update project during a public meeting. Note this meeting is recorded and then televised on a recurring schedule to the community. | Lisa Tilton, Administrator                                |

## Capability Assessment

This section describes the following capabilities of Buena Vista :

- Legal and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Community resiliency
- Community political capability

As part of the 2022 Plan update, each participating jurisdiction reevaluated the capabilities they had provided for the 2016 Plan, and sent updates to the consultant for incorporation into this plan section. Buena Vista has reviewed its responses from the 2016 Plan and has updated its prior feedback to reflect present-day conditions.

| Legal and Regulatory Capability                |                   |
|--|-------------------|
| Regulatory Tools<br>(Codes, Ordinances, Plans) | Do you have this? |
| Building Code                                  | Y                 |
| Zoning Ordinance                               | Y                 |
| Subdivision Ordinance                          | Y                 |
| Special Purposes Ordinance                     | N                 |
| Growth Management Ordinance                    | N                 |
| Site Plan Review Requirements                  | N                 |
| Comprehensive Plan                             | Y                 |
| Capital Improvements Plan                      | Y                 |
| Economic Development Plan                      | Y                 |
| Emergency Response Plan                        | Y                 |
| Post-Disaster Recovery Plan                    | N                 |
| Post-Disaster Recovery Ordinance               | N                 |
| Real Estate Disclosure Ordinance               | N                 |
| Evacuation Plan                                | Y                 |

| <b>Administrative and Technical Capability</b>  |                          |
|---|--------------------------|
| <b>Regulatory Tools<br/>(Codes, Ordinances, Plans)</b>  | <b>Do you have this?</b> |
| Planner(s) with knowledge of land development and management practices                                      | N                        |
| Engineer(s) with knowledge of land development and management practices                                     | N                        |
| Planner(s) or engineer(s) with knowledge of land development and management practices                       | Y                        |
| Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure | Y                        |
| Planner(s) or engineer(s) with an understanding of natural and/or human caused hazards                      | Y                        |
| Floodplain manager  | Y                        |
| Surveyors   | N                        |
| Staff with education or expertise to assess the community's vulnerability to hazards                        | N                        |
| Personnel skilled in GIS and/or HAZUS   | N                        |
| Scientists familiar with the hazards of the community   | N                        |
| Emergency Manager   | Y                        |
| Code Enforcement Official   | N                        |
| Public Works or Highway Superintendent  | N                        |
| Emergency Management Coordinator  | N                        |

| <b>Fiscal Capability</b>  |                                      |
|---|--------------------------------------|
| <b>Financial Resources</b>  | <b>Accessible or Eligible to use</b> |
| Community Development Block Grants (CDBG)   | Y                                    |
| Capital Improvements Project Funding  | Y                                    |
| Authority to Levy Taxes for Specific Purposes   | Y                                    |
| Fees for Water, Sewer, Gas, or Electric Service   | N                                    |
| Impact Fees for Homebuyers or Developers for New Developments/Homes                       | N                                    |
| Incur Debt through General Obligation Funds   | Y                                    |
| Incur Debt through Special Tax and Revenue Bonds  | Y                                    |
| Incur Debt through Private Activity Bonds   | N                                    |
| Withhold Spending in Hazard-Prone Areas   | N                                    |
| Other (i.e., coastal, sustainability, or climate change initiatives; or Brownfield funds) | N                                    |

|  |   |  |  |  |
|--|---|--|--|--|
| <p>Would you classify your community's <u>legal and regulatory</u> capability to implement hazard mitigation strategies as high, moderate, or low? ▣</p> | <p>Would you classify your community's overall <u>technical</u> capability to implement hazard mitigation strategies as high, moderate, or low? ▣</p> | <p>Would you classify your community's overall <u>fiscal</u> capability to implement hazard mitigation strategies as high, moderate, or low? ▣</p> | <p>Would you classify your community's overall <u>administrative</u> capability to implement hazard mitigation strategies as high, moderate, or low? ▣</p> | <p>Would you classify your political leadership's willingness to enact policies and programs that reduce hazard vulnerabilities in your community as high, moderate, or low... even if met with opposition? (i.e., guiding development away from identified hazard areas)? ▣</p> |
| <p>MODERATE ▣</p>  | <p>LOW ▣</p>  | <p>LOW ▣</p>   | <p>LOW ▣</p>   | <p>HIGH ▣</p>  |

Discuss ways of bridging identified gaps in your local capabilities to ensure that they are in-line with your mitigation actions and goals. ▣

Buena Vista Township is a small municipality with limited resources and limited development and economic growth due to Pineland Commission regulations. The township has both volunteers and staff to complete tasks in order follow the NFIP standards. On a regulatory basis, the Township is not active in floodplain management with ordinances exceeding minimum requirements. We rely heavily on financial assistance from outside agencies to implement hazard mitigation strategies and related capital improvement projects. The tax base suffers significantly when the Township is hit by a natural disaster. ▣

## Plan Integration

It is the intention of Buena Vista to incorporate mitigation planning as an integral component of daily municipal operations. The balance of this subsection describes local accomplishments over the last planning cycle (2016-2021), and targeted activities for the next planning cycle (2022-2027), as reported by the township's CPG member and shared with the consultant for incorporation here.

Demonstration of Progress over the Last Planning Cycle (2016-2021) – Buena Vista undertook the following plan integration mechanisms over the last planning cycle:

*Since the last planning cycle Buena Vista Township has experienced significant personnel turn over. Funding continues to remain a challenge for completing hazard mitigation projects. Information identified in the HM plan contributed to the EOP update and identification of Shelter Annex Coordinator. Activities by Public Works considers repetitive impacts from hazards.*

Targeted Plan Integration Activities for the Next Planning Cycle (2022-2027) – Buena Vista plans to implement the following plan integration mechanisms into local government operations from this point forward through the next planning cycle:

*We expect funding will remain a challenge but the township will pursue funding opportunities to implement projects when possible. Public Works will continue to consider repetitive impacts from hazards and take mitigation actions as possible. Training opportunities will be shared with internal partners. Will monitor for additional needed mitigation projects. Will continue to work with external partners for shared opportunities to address mitigation activities.*

## **Mitigation Strategy**

This subsection sets forth the mitigation strategy for Buena Vista. It describes, in the following order:

- Progress on 2016 Plan Actions
- Hazard Mitigation Accomplishments
- Proposed 2022 Plan Mitigation Actions
- Action Worksheets

### **Progress on 2016 Plan Actions**

The following table was completed by the Buena Vista JAT Committee Members. It summarizes the progress that was made on the local hazard mitigation initiatives that were set forth in the last version of the plan in 2016.

Buena Vista has identified no major changes in priorities since the last version of the plan.

| PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES |   |                    |                         |   |           |                             |                          |               |   |   |  |                   |
|---|---|--------------------|-------------------------|---|-----------|-----------------------------|--------------------------|---------------|---|---|--|-------------------|
| 2016 Plan Initiative Number                         | Mitigation Initiative Description   | 2016 Plan Priority | Hazard(s) Mitigated     | Lead and Support Agencies                 | Status    |                             |                          |               | Status Details                            | Relevance   |  | Relevance Details |
|   |   |                    |                         |   | Completed | Initiated but Not Completed | Ongoing Type of Activity | Not Initiated |   | Still Relevant - Carry Forward to Updated Mitigation Strategy | No Longer Relevant - Omit from Updated Mitigation Strategy |                   |
| 1   | CRANBERRY RUN - REPLACE AGING AND COLLAPSING EXISTING FAILING STORMWATER PIPING AND INLETS. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY AND/OR HELP RESIDENTS RELOCATE TEMPORARILY | High               | Flooding                | Township Engineer                         |           |                             |                          | X             | Funding                                   | x   |  | no change         |
| 2   | ELEVATION OF PANCOAST MILL ROAD AND DAM BRIDGE IMPROVEMENT. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY  | High               | Flooding, Erosion       | Township Engineer                         |           |                             |                          | X             | Funding                                   | x   |  | no change         |
| 3   | ALLEVIATE FLOODING OF CHESTNUT AVE VIA STORMWATER MANAGEMENT. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY  | High               | Flooding                | Township Engineer                         |           |                             |                          | X             | Funding                                   | x   |  | no change         |
| 4   | ALLEVIATE FLOODING ON VINE ROAD VIA STORMWATER MANAGEMENT AND DRAINAGE. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY  | High               | Flooding                | Township Engineer                         |           |                             |                          | X             | Funding                                   | x   |  | no change         |
| 5   | 'Review existing hazard mitigation plan and recurring situations within Buena Vista.  | High               | All hazards             | BVT Administration and OEM                |           |                             | X                        |               | by nature this is an ongoing activity     | x   |  | no change         |
| 6   | Advocate for inclusion of Cranberry Run in flood zones  | Medium             | Flooding, severe storms | Municipal NFIP Coordinator, OEM, and FEMA |           |                             | X                        |               | activity occurs when opportunity presents | x   |  | no change         |
| 7   | Install retention areas to limit flooding and risk to properties .Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.  | High               | Flooding, severe storms | BVT Department of Public Works            |           |                             |                          | X             | Funding                                   | x   |  | no change         |

| PROGRESS ON 2016 HAZARD MITIGATION PLAN INITIATIVES |  |                    |                               |                                |           |                             |                          |               |                                       |   |  |                   |
|---|--|--------------------|-------------------------------|--------------------------------|-----------|-----------------------------|--------------------------|---------------|---------------------------------------|---|--|-------------------|
| 2016 Plan Initiative Number                         | Mitigation Initiative Description  | 2016 Plan Priority | Hazard(s) Mitigated           | Lead and Support Agencies      | Status    |                             |                          |               | Status Details                        | Relevance   |  | Relevance Details |
|   |  |                    |                               |                                | Completed | Initiated but Not Completed | Ongoing Type of Activity | Not Initiated |                                       | Still Relevant - Carry Forward to Updated Mitigation Strategy | No Longer Relevant - Omit from Updated Mitigation Strategy |                   |
| 8   | Retrograde/upgrade inadequate piping currently in place to handle projected flows inclusive of but not limited to the Collings Lakes area. Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.  | High               | Flooding, severe storms       | BVT Department of Public Works |           |                             |                          | X             | Funding                               | x   |  | no change         |
| 9   | Upgrade drainage systems. Actions that are inclusive of but not limiting to increasing capacity and culverts to limit ponding in the areas throughout the township.  | Medium             | Flooding, severe storms       | BVT Department of Public Works |           |                             |                          | X             | Funding                               | x   |  | no change         |
| 10  | Retrofit and upgrade the drainage system in the area of Cedar Gardens  | Medium             | Flooding, severe storms       | BVT Department of Public Works |           |                             |                          | X             | Funding                               | x   |  | no change         |
| 11  | Identify and retrofit shelters for vulnerable populations  | Medium             | Flooding, severe storms       | BVT Administration and OEM     |           |                             | X                        |               | by nature this is an ongoing activity | x   |  | no change         |
| 12  | Personnel to establish plans to educate community including use of PSAs, website, flyers, brochures, social media, etc. and enhance OEM deployment and community emergency preparedness capabilities.  | High               | All hazards                   | BVT Administration and OEM     |           |                             | X                        |               | by nature this is an ongoing activity | x   |  | no change         |
| 13  | Retrofit or acquire/relocate to protect structures from future damage, with recurring loss and severe repetitive loss properties as a priority. 'Phase 1 - identify appropriate candidate properties and prioritize. Phase 2 - determine most cost effective mitigation option. Phase 3 - Work with the property owners to implement selected action based on available funding from FEMA and local match availability | High               | Flooding, severe storms       | BVT Department of Public Works |           |                             |                          | X             | Funding                               | x   |  | no change         |
| 14  | Lake Ann Access Route / Firewise. Determine feasibility of restoring previous secondary access road or identify and create secondary access for at least emergent ingress/egress access. Participate in fire community efforts to reduce risk.   | High               | Wildfire, flood, severe storm | BVT Department of Public Works |           |                             |                          | X             | Funding                               | x   |  | no change         |

## **Hazard Mitigation Accomplishments (2016-2021)**

The State of New Jersey 2019 HMP (Section 3, Page 3-30) requires identification of mitigation activities as an essential element of a local plan review. Information on the status of long-range mitigation strategies shall be contained in the original plan. Self-funded mitigation initiatives as well as past FEMA funded projects should be documented.

Buena Vista did not report any mitigation actions completed since the last plan update.

## Proposed 2022 Plan Mitigation Actions

The process for selection and prioritization of mitigation actions is described in greater detail in Section 6 of the main text. The outcomes of that overall process are summarized here.

This plan proposes the actions determined to be the most appropriate for the resources and capabilities of Buena Vista based on the experience of local officials, with input from the public and other stakeholders. Potential actions were reviewed relative to potential financial as well as administrative and legal costs and the degree to which they would be endorsed by the public. Potential actions were reviewed during the meetings relative to their potential benefit of effectiveness in saving lives, protecting the natural environment, and reducing disruption and damage. Actions selected by each jurisdiction include activities to protect existing and future structures and infrastructure and enhance community resilience.

Part of enhancing community resilience involves adapting to a changing climate. This plan's risk assessment includes information on climate change as part of the hazard vulnerability analysis and contain strategies/projects to address increased vulnerability that may result from climate change. By developing mitigating strategies and/or projects for hazards that are exacerbated by climate change, jurisdictions will better protect residents, avoid, or reduce damage to property and public infrastructure, and reduce personal hardship. Previous sections of this plan have presented information on how climate change may affect jurisdictional vulnerability or increased frequency of occurrence and/or severity in exposure to the identified hazards. Climate change is addressed by mitigating the various hazards that it exacerbates. Buena Vista has proposed a range of hazard mitigation initiatives to address their highest hazards including those hazards that are exacerbated by a changing climate.

Action priorities were determined by a qualitative prioritization process. A higher priority was assigned to projects where: the life/safety risk of taking no action was deemed to be unacceptably high; the project addresses one of the community's highest hazards and/or key risks; benefits were projected to equal or exceed project costs; critical facilities or key local assets were being protected; funding and staff resources were deemed to be sufficient and/or accessible for project implementation; the project is technically feasible and the community determined their legal authority to implement the action; negative environmental and/or social impacts were not identified during the assessment, or were very minimal; and/or where there was overall support for the project from the local community (government officials, public, and stakeholders).

Detailed Action Worksheets for each action item in the strategy are presented in the following pages.

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>BUENA VISTA TOWNSHIP</i>  |
| Community action number                 | <i>BVT 1 CRANBERRY RUN</i>   |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>FLOODING</i>  |
| Risk finding                            | <i>AGE RESTRICTED MOBILE HOME COMMUNITY, FLOODING FORCES EVACUATION, POTENTIAL THREAT TO LIFE. 120 TUCKAHOE ROAD, BUENA NJ 08310</i>   |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>ALLEVIATE FLOODING OF STREET, ROAD AND RESIDENTIAL YARDS</i>  |
| Action type                             | <i>DRAINAGE IMPROVEMENT</i>  |
| Action description                      | <i>REPLACE AGING AND COLLAPSING EXISTING FAILING STORMWATER PIPING AND INLETS. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY AND/OR HELP RESIDENTS RELOCATE TEMPORARILY</i> |
| Existing, future &/or NA                | <i>N/A</i>   |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>AGING AND COLLAPSING EXISTING FAILING STORMWATER PIPING AND INLETS</i>  |
| Cost estimate                           | <i>NO DOLLARS ASSIGNED</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>THE TWP WILL SAVE MAN HOURS IN REGULAR AND OVERTIME RATES AS WELL AS EQUIPMENT AND FIRE TRUCK ENGINES USED TO PUMP OUT , TEMPORARY SHELTER</i>  |
| Technical                               | <i>THE PROJECT IS DOABLE BUT ALSO SHOULD BE DONE IN CONJUNCTION WITH ATLANTIC COUNTY SINCE FLOODING OCCURS ON THEIR ROAD TOO</i>   |
| Political                               | <i>LOCAL RESIDENTS AND TOWNSHIP COMMITTEE</i>  |
| Legal                                   | <i>THE DRAINAGE SYSTEM IS OWNED BY THE TOWNSHIP; HOWEVER, IT IS PINELAND RESTRICTED, APPROVALS ARE REQUIRED</i>  |
| Environmental                           | <i>NO ENVIRONMENTAL ISSUES</i>   |
| Social                                  | <i>THE DRAINAGE REPLACEMENT IS TO RESIDENTS IN AND OUT OF THE AREA WHEN FLOODED. BY REPLACING THE OLD DRAINAGE, FLOODING WILL BE GREATLY REDUCED</i>   |
| Administrative capability               | <i>INDEPENDENT CONTRACTORS WILL BID FOR THIS JOB</i>   |
| Local champion                          | <i>THE PROJECT HAS SUPPORT BY LOCAL RESIDENTS AND TWP COMMITTEE</i>  |
| Other community objectives              | <i>NONE</i>  |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>HIGH</i>  |
| Local planning mechanism                | <i>CONSTRUCTION CODE</i>   |
| Responsible party                       | <i>TWP ENGINEER</i>  |
| Potential funding sources               | <i>LOCAL BOND ORDINANCE/ AGENCIES FUNDING</i>  |
| Time line                               | <i>FUTURE</i>  |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>carry forward, no change from previous</i>  |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>BUENA VISTA TOWNSHIP</i>   |
| Community action number                 | <i>BVT 2 PANCOAST MILL ROAD</i>   |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>FLOODING, EROSION</i>  |
| Risk finding                            | <i>LAKE/POND FLOODING FORCES A MAIN ROAD TO CLOSE, CREATING EROSION OF THE ROAD AND REMOVING TRAPROCKS AND ISLAND BREAKAGE BLOCKS THE DAM. PANCOAST ROAD, BUENA NJ 08310</i>    |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>ALLEVIATE FLOODING</i>   |
| Action type                             | <i>ELEVATION OF ROAD AND DAM BRIDGE IMPROVEMENT</i>   |
| Action description                      | <i>ELEVATION OF PANCOAST MILL ROAD AND DAM BRIDGE IMPROVEMENT. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY</i> |
| Existing, future &/or NA                | <i>N/A</i>  |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>ELEVATION OF ROAD AND DAM BRIDGE IMPROVEMENT WILL ELIMINATE EROSION TO THE ROAD</i>  |
| Cost estimate                           | <i>NO DOLLARS ASSIGNED</i>  |
| Cost effectiveness (i.e., benefit/cost) | <i>THE TWP WILL SAVE MAN HOURS IN REGULAR AND OVERTIME RATES AS WELL AS EQUIPMENT AND FIRE TRUCK ENGINES USED TO PUMP OUT , TEMPORARY SHELTER</i>                               |
| Technical                               | <i>THE PROJECT IS DOABLE BUT ALSO SHOULD BE DONE IN CONJUNCTION WITH ATLANTIC COUNTY SINCE THEY OWN THE DAM BRIDGE</i>  |
| Political                               | <i>TOWNSHIP COMMITTEE IS IN FAVOR OF ANY TYPE OF IMPROVEMENTS THAT CAN BE DONE THERE</i>  |
| Legal                                   | <i>THE LAKE/POND IS PRIVATELY OWNED, THE OWNERS WANT TO MAINTAIN LAKE/POND WATER HIGH</i>   |
| Environmental                           | <i>NO ENVIRONMENTAL ISSUES</i>  |
| Social                                  | <i>THE DRAINAGE REPLACEMENT IS TO RESIDENTS IN AND OUT OF THE AREA WHEN FLOODED. BY REPLACING THE OLD DRAINAGE, FLOODING WILL BE GREATLY REDUCED</i>                            |
| Administrative capability               | <i>INDEPENDENT CONTRACTORS WILL BID FOR THIS JOB</i>  |
| Local champion                          | <i>TWP COMMITTEE</i>  |
| Other community objectives              | <i>DNA</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>HIGH</i>   |
| Local planning mechanism                | <i>CONSTRUCTION CODE</i>  |
| Responsible party                       | <i>TWP ENGINEER</i>   |
| Potential funding sources               | <i>LOCAL BOND ORDINANCE/ AGENCIES FUNDING/ JOINT FUNDING WITH COUNTY</i>  |
| Time line                               | <i>FUTURE</i>   |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>carry forward, no change from previous</i>   |

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>BUENA VISTA TOWNSHIP</i>  |
| Community action number                 | <i>BVT 3 CHESTNUT AVENUE</i>   |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>FLOODING</i>  |
| Risk finding                            | <i>EXTREME FLOODING - CHESTNUT AVE , BUENA NJ 08310</i>  |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>ALLEVIATE FLOODING</i>  |
| Action type                             | <i>STORM WATER MANAGEMENT</i>  |
| Action description                      | <i>ALLEVIATE FLOODING OF CHESTNUT AVE VIA STORMWATER MANAGEMENT.FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY</i> |
| Existing, future &/or NA                | <i>N/A</i>   |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>STORM WATER MANAGEMENT SYSTEM IN PLACE WILL REDUCE FLOODING</i>   |
| Cost estimate                           | <i>NO DOLLARS ASSIGNED</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>THE TWP WILL SAVE MAN HOURS IN REGULAR AND OVERTIME RATES AS WELL AS EQUIPMENT AND FIRE TRUCK ENGINES USED TO PUMP OUT , TEMPORARY SHELTER</i>                                |
| Technical                               | <i>THE PROJECT IS DOABLE, MAY REQUIRE PINELAND COMMISSION APPROVAL</i>   |
| Political                               | <i>TOWNSHIP COMMITTEE IS IN FAVOR OF ANY TYPE OF IMPROVEMENTS THAT CAN BE DONE THERE</i>   |
| Legal                                   | <i>NONE</i>  |
| Environmental                           | <i>NO ENVIRONMENTAL ISSUES</i>   |
| Social                                  | <i>STORMWATER MANAGEMENT SYSTEM</i>  |
| Administrative capability               | <i>INDEPENDENT CONTRACTORS WILL BID FOR THIS JOB</i>   |
| Local champion                          | <i>TWP COMMITTEE</i>   |
| Other community objectives              | <i>DNA</i>   |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>HIGH</i>  |
| Local planning mechanism                | <i>CONSTRUCTION CODE</i>   |
| Responsible party                       | <i>TWP ENGINEER</i>  |
| Potential funding sources               | <i>LOCAL BOND ORDINANCE/ AGENCIES FUNDING/ JOINT FUNDING WITH COUNTY</i>   |
| Time line                               | <i>FUTURE</i>  |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>carry forward, no change from previous</i>  |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>BUENA VISTA TOWNSHIP</i>   |
| Community action number                 | <i>BVT 4 VINE ROAD</i>  |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>FLOODING</i>   |
| Risk finding                            | <i>EXTREME FLOODING - VINE ROAD , BUENA NJ 08310</i>  |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>ALLEVIATE FLOODING</i>   |
| Action type                             | <i>STORM WATER MANAGEMENT AND DRAINAGE</i>  |
| Action description                      | <i>ALLEVIATE FLOODING ON VINE ROAD VIA STORMWATER MANAGEMENT AND DRAINAGE. FUNDING IS AN ISSUE, AS FLOODING OCCURS OUR PUBLIC WORKS DEPARTMENT AND EMERGENCY COORDINATOR ARE ON STANDBY</i> |
| Existing, future &/or NA                | <i>N/A</i>  |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>STORM WATER MANAGEMENT SYSTEM IN PLACE WILL REDUCE FLOODING</i>  |
| Cost estimate                           | <i>NO DOLLARS ASSIGNED</i>  |
| Cost effectiveness (i.e., benefit/cost) | <i>THE TWP WILL SAVE MAN HOURS IN REGULAR AND OVERTIME RATES AS WELL AS EQUIPMENT AND FIRE TRUCK ENGINES USED TO PUMP OUT ,</i>   |
| Technical                               | <i>THE PROJECT IS DOABLE, MAY REQUIRE PINELAND COMMISSION APPROVAL</i>  |
| Political                               | <i>TOWNSHIP COMMITTEE IS IN FAVOR OF ANY TYPE OF IMPROVEMENTS THAT CAN BE DONE THERE</i>  |
| Legal                                   | <i>VINE ROAD FLOODING OCCURS IN BUENA AND THE WATER DRAINAGE RESTS IN THE CITY OF VINELAND</i>  |
| Environmental                           | <i>NO ENVIRONMENTAL ISSUES</i>  |
| Social                                  | <i>STROMWATER MANAGEMENT SYSTEM AND DRAINAGE IMPROVEMENT</i>  |
| Administrative capability               | <i>INDEPENDENT CONTRACTORS WILL BID FOR THIS JOB</i>  |
| Local champion                          | <i>TWP COMMITTEE</i>  |
| Other community objectives              | <i>DNA</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>HIGH</i>   |
| Local planning mechanism                | <i>CONSTRUCTION CODE</i>  |
| Responsible party                       | <i>TWP ENGINEER</i>   |
| Potential funding sources               | <i>LOCAL BOND ORDINANCE/ AGENCIES FUNDING/ JOINT FUNDING WITH COUNTY</i>  |
| Time line                               | <i>FUTURE</i>   |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>carry forward, no change from previous</i>   |

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>Buena Vista Township</i>  |
| Community action number                 | <i>BVT 5 Atlantic County Hazard Mitigation Plan Update</i>   |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>All-Hazards</i>   |
| Risk finding                            | <i>Participate by updating Buena Vista Township's contribution to the Atlantic County Hazard Mitigation Plan update in 2020</i>                          |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>Planning</i>  |
| Action type                             | <i>Review existing plan and situations within Buena Vista for the opportunity to remove completed projects and identify new. Invite community input.</i> |
| Action description                      | <i>Review existing hazard mitigation plan and recurring situations within Buena Vista.</i>   |
| Existing, future &/or NA                | <i>Both</i>  |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>Identify recurring situations that can be added to the hazard mitigation action that would reduce the risk to the community.</i>                      |
| Cost estimate                           | <i>Low</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>  |
| Technical                               | <i>Feasible</i>  |
| Political                               | <i>Political support</i>   |
| Legal                                   | <i>Authority exists</i>  |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>  |
| Social                                  | <i>Proposed action may impact a section of or the entire community</i>   |
| Administrative capability               | <i>yes</i>   |
| Local champion                          | <i>yes</i>   |
| Other community objectives              | <i>yes</i>   |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>high</i>  |
| Local planning mechanism                | <i>LEPC, codes, plans</i>  |
| Responsible party                       | <i>BVT Administration and OEM</i>  |
| Potential funding sources               | <i>HMGP, Township Budget</i>   |
| Time line                               | <i>Short</i>   |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>Ongoing activity that will be repeated for the next cycle</i>   |

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>Buena Vista Township</i>  |
| Community action number                 | <i>BVT 6 - Flood Maps</i>  |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>   |
| Risk finding                            | <i>Cranberry Run experiences recurring floods with heavy rainfall in short timeframes having caused or capabilities to cause life and property risk.</i> |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>Planning</i>  |
| Action type                             | <i>Participate in opportunities to update flood maps affecting Cranberry Run community.</i>  |
| Action description                      | <i>Advocate for inclusion of Cranberry Run in flood zones</i>  |
| Existing, future &/or NA                | <i>Both</i>  |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>Provides opportunity for flood insurance for those in the affected community</i>  |
| Cost estimate                           | <i>Medium</i>  |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>  |
| Technical                               | <i>Feasible</i>  |
| Political                               | <i>Political support</i>   |
| Legal                                   | <i>Authority exists</i>  |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>  |
| Social                                  | <i>Proposed action impacts Cranberry Run community</i>   |
| Administrative capability               | <i>yes</i>   |
| Local champion                          | <i>yes</i>   |
| Other community objectives              | <i>yes</i>   |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>medium</i>  |
| Local planning mechanism                | <i>Flood maps</i>  |
| Responsible party                       | <i>Municipal NFIP Coordinator, OEM, and FEMA</i>   |
| Potential funding sources               | <i>FEMA Grant Opportunities</i>  |
| Time line                               | <i>Short term DOF</i>  |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>carry forward, no change from previous</i>  |

## Action Worksheet

|  |   |
|--|---|
| <b>Your plan name</b>                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| <b>Your community name</b>                     | <i>Buena Vista Township</i>   |
| <b>Community action number</b>                 | <i>BVT 7 - Highland Ave</i>   |
| <b>Assessing the Risk</b>                      |   |
| <b>Hazard(s) addressed</b>                     | <i>Flood, severe storm</i>  |
| <b>Risk finding</b>                            | <i>Install retention areas to limit flooding and risk to properties in areas inclusive of, but not limited to, the Highland Avenue/Milmay area.</i> |
| <b>Describing the Action</b>                   |   |
| <b>Action category</b>                         | <i>Planning, Structural Project</i>   |
| <b>Action type</b>                             | <i>Install retention areas to limit flooding and risk to properties</i>   |
| <b>Action description</b>                      | <i>Install retention areas to limit flooding and risk to properties .Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.</i>   |
| <b>Existing, future &amp;/or NA</b>            | <i>Both</i>   |
| <b>Evaluating the Action</b>                   |   |
| <b>Losses avoided (i.e., benefits)</b>         | <i>Recurring risk and damages to property and risk to life safety</i>   |
| <b>Cost estimate</b>                           | <i>Low</i>  |
| <b>Cost effectiveness (i.e., benefit/cost)</b> | <i>High</i>   |
| <b>Technical</b>                               | <i>Feasible</i>   |
| <b>Political</b>                               | <i>Political support</i>  |
| <b>Legal</b>                                   | <i>Authority exists</i>   |
| <b>Environmental</b>                           | <i>identify opportunities to eliminate or reduce risk</i>   |
| <b>Social</b>                                  | <i>Proposed action impacts Highland Avenue/ Milmay community</i>  |
| <b>Administrative capability</b>               | <i>yes</i>  |
| <b>Local champion</b>                          | <i>yes</i>  |
| <b>Other community objectives</b>              | <i>yes</i>  |
| <b>Implementing the Action</b>                 |   |
| <b>Priority</b>                                | <i>High</i>   |
| <b>Local planning mechanism</b>                | <i>Planning, codes</i>  |
| <b>Responsible party</b>                       | <i>BVT DPW</i>  |
| <b>Potential funding sources</b>               | <i>HMA Grants</i>   |
| <b>Time line</b>                               | <i>Short term DOF</i>   |
| <b>Reporting on Progress</b>                   |   |
| <b>Action progress status</b>                  | <i>carry forward, no change from previous</i>   |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>Buena Vista Township</i>   |
| Community action number                 | <i>BVT 8 - Collings lakes Flooding</i>  |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>  |
| Risk finding                            | <i>Retrograde/upgrade inadequate piping currently in place to handle projected flows inclusive of but not limited to the Collings Lakes area.</i>   |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>Planning, Structural Project</i>   |
| Action type                             | <i>May include connecting stand-alone pits and drainage systems to alleviate flooding in the Collings Lakes area.</i>   |
| Action description                      | <i>Retrograde/upgrade inadequate piping currently in place to handle projected flows inclusive of but not limited to the Collings Lakes area.Areas inclusive of, but not limited to, the Highland Avenue/Milmay area.</i> |
| Existing, future &/or NA                | <i>Both</i>   |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>Recurring risk and damages to property and risk to life safety</i>   |
| Cost estimate                           | <i>High</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>   |
| Technical                               | <i>Feasible</i>   |
| Political                               | <i>Political support</i>  |
| Legal                                   | <i>Authority exists</i>   |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>   |
| Social                                  | <i>Proposed action impacts Collings Lakes community</i>   |
| Administrative capability               | <i>yes</i>  |
| Local champion                          | <i>yes</i>  |
| Other community objectives              | <i>yes</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>High</i>   |
| Local planning mechanism                | <i>Planning, codes</i>  |
| Responsible party                       | <i>BVT DPW</i>  |
| Potential funding sources               | <i>Grant funding with local cost share</i>  |
| Time line                               | <i>Short term DOF</i>   |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>carry forward, no change from previous</i>   |

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>Buena Vista Township</i>  |
| Community action number                 | <i>BVT 9 - Township Drainage</i>   |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>   |
| Risk finding                            | <i>Upgrade drainage systems by actions that are inclusive of but not limited to increasing capacity and culverts to limit ponding in areas throughout the township.</i>    |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>Planning, Structural Project</i>  |
| Action type                             | <i>upgrade drainage systems</i>  |
| Action description                      | <i>Upgrade drainage systems. Actions that are inclusive of but not limiting to increasing capacity and culverts to limit ponding in the areas throughout the township.</i> |
| Existing, future &/or NA                | <i>Both</i>  |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>Recurring risk and damages to property and risk to life safety</i>  |
| Cost estimate                           | <i>High</i>  |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>  |
| Technical                               | <i>Feasible</i>  |
| Political                               | <i>Political support</i>   |
| Legal                                   | <i>Authority exists</i>  |
| Environmental                           | <i>Identify opportunities to eliminate or reduce risk</i>  |
| Social                                  | <i>Proposed action impacts BVT community</i>   |
| Administrative capability               | <i>yes</i>   |
| Local champion                          | <i>yes</i>   |
| Other community objectives              | <i>yes</i>   |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>Medium</i>  |
| Local planning mechanism                | <i>Planning, codes</i>   |
| Responsible party                       | <i>BVT DPW</i>   |
| Potential funding sources               | <i>Federal, state, and County grant funding</i>  |
| Time line                               | <i>Short term DOF</i>  |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>carry forward, no change from previous</i>  |

| <b>Action Worksheet</b>                 |  |
|---|--|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| Your community name                     | <i>Buena Vista Township</i>  |
| Community action number                 | <i>BVT 10 - Cedar Gardens</i>  |
| <b>Assessing the Risk</b>               |  |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>   |
| Risk finding                            | <i>Increase carrying capacity, alleviate flooding and additional damage to roadway and adjacent residential properties</i> |
| <b>Describing the Action</b>            |  |
| Action category                         | <i>Planning, Structural Project</i>  |
| Action type                             | <i>Increase carrying capacity</i>  |
| Action description                      | <i>Retrofit and upgrade the drainage system in the area of Cedar Gardens</i>   |
| Existing, future &/or NA                | <i>Both</i>  |
| <b>Evaluating the Action</b>            |  |
| Losses avoided (i.e., benefits)         | <i>Recurring risk and damages to property and risk to life safety</i>  |
| Cost estimate                           | <i>High</i>  |
| Cost effectiveness (i.e., benefit/cost) | <i>Medium</i>  |
| Technical                               | <i>Feasible</i>  |
| Political                               | <i>Political support</i>   |
| Legal                                   | <i>Authority exists</i>  |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>  |
| Social                                  | <i>Proposed action impacts Cedar Gardens community</i>   |
| Administrative capability               | <i>yes</i>   |
| Local champion                          | <i>yes</i>   |
| Other community objectives              | <i>yes</i>   |
| <b>Implementing the Action</b>          |  |
| Priority                                | <i>Medium</i>  |
| Local planning mechanism                | <i>Planning, codes</i>   |
| Responsible party                       | <i>BVT DPW</i>   |
| Potential funding sources               | <i>HMA Grant funding with local cost share</i>   |
| Time line                               | <i>Long term DOF</i>   |
| <b>Reporting on Progress</b>            |  |
| Action progress status                  | <i>carry forward, no change from previous</i>  |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>Buena Vista Township</i>   |
| Community action number                 | <i>BVT 11 - Sheltering</i>  |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>  |
| Risk finding                            | <i>Select and retrofit designated shelters for vulnerable populations, elderly and disabled, during flooding and other events, especially in Cranberry Run.</i> |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>Planning, Structural Project, Codes</i>  |
| Action type                             | <i>Identify and retrofit shelters for vulnerable populations</i>  |
| Action description                      | <i>Identify and retrofit shelters for vulnerable populations</i>  |
| Existing, future &/or NA                | <i>Both</i>   |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>Loss of life or injuries related to failing to evacuate due to no place to go</i>  |
| Cost estimate                           | <i>High</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>Medium</i>   |
| Technical                               | <i>Feasible</i>   |
| Political                               | <i>Political support</i>  |
| Legal                                   | <i>Authority exists</i>   |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>   |
| Social                                  | <i>Proposed action impacts BVT community</i>  |
| Administrative capability               | <i>yes</i>  |
| Local champion                          | <i>yes</i>  |
| Other community objectives              | <i>yes</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>Medium</i>   |
| Local planning mechanism                | <i>Planning, codes</i>  |
| Responsible party                       | <i>BVT Administration and OEM</i>   |
| Potential funding sources               | <i>Township Budget, Grant funding</i>   |
| Time line                               | <i>Short Term</i>   |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>Ongoing activity that will be repeated for the next cycle</i>  |

| <b>Action Worksheet</b>                        |  |
|--|--|
| <b>Your plan name</b>                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>   |
| <b>Your community name</b>                     | <i>Buena Vista Township</i>  |
| <b>Community action number</b>                 | <i>BVT 12 - Emergency Preparedness - Mitigation</i>  |
| <b>Assessing the Risk</b>                      |  |
| <b>Hazard(s) addressed</b>                     | <i>All Hazards</i>   |
| <b>Risk finding</b>                            | <i>Work together with County and communities to develop and implement an enhanced all hazards, public outreach / education / mitigation information program.</i>   |
| <b>Describing the Action</b>                   |  |
| <b>Action category</b>                         | <i>Planning, Personnel, Equipping</i>  |
| <b>Action type</b>                             | <i>Identify emergency preparedness activities that can mitigate hazards including NFIP insurance and enhance the staffing and capabilities of the OEM and EOC.</i>   |
| <b>Action description</b>                      | <i>Personnel to establish plans to educate community including use of PSAs, website, flyers, brochures, social media, etc. and enhance OEM deployment and community emergency preparedness capabilities.</i> |
| <b>Existing, future &amp;/or NA</b>            | <i>Both</i>  |
| <b>Evaluating the Action</b>                   |  |
| <b>Losses avoided (i.e., benefits)</b>         | <i>loss of life or property when actions to mitigate risk are not taken</i>  |
| <b>Cost estimate</b>                           | <i>Low</i>   |
| <b>Cost effectiveness (i.e., benefit/cost)</b> | <i>Medium</i>  |
| <b>Technical</b>                               | <i>Feasible</i>  |
| <b>Political</b>                               | <i>Political support</i>   |
| <b>Legal</b>                                   | <i>Authority exists</i>  |
| <b>Environmental</b>                           | <i>identify opportunities to eliminate or reduce risk</i>  |
| <b>Social</b>                                  | <i>Proposed action impacts BVT community</i>   |
| <b>Administrative capability</b>               | <i>yes</i>   |
| <b>Local champion</b>                          | <i>yes</i>   |
| <b>Other community objectives</b>              | <i>yes</i>   |
| <b>Implementing the Action</b>                 |  |
| <b>Priority</b>                                | <i>High</i>  |
| <b>Local planning mechanism</b>                | <i>Planning, education, preparedness</i>   |
| <b>Responsible party</b>                       | <i>BVT Administration and OEM</i>  |
| <b>Potential funding sources</b>               | <i>Township Budget, HMA programs with local or county match, EMGP</i>  |
| <b>Time line</b>                               | <i>Short Term DOF</i>  |
| <b>Reporting on Progress</b>                   |  |
| <b>Action progress status</b>                  | <i>Ongoing activity that will be repeated for the next cycle</i>   |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>Buena Vista Township</i>   |
| Community action number                 | <i>BVT 13 - Mitigate Vulnerable Structures</i>  |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>Flood, severe storm</i>  |
| Risk finding                            | <i>Mitigate vulnerable structures from repetitive loss</i>  |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>Planning, structural project, codes</i>  |
| Action type                             | <i>Retrofit or acquire/relocate to protect structures from future damage, with recurring loss and severe repetitive loss properties as a priority</i>   |
| Action description                      | <i>Retrofit or acquire/relocate to protect structures from future damage, with recurring loss and severe repetitive loss properties as a priority. 'Phase 1 - identify appropriate candidate properties and prioritize. Phase 2 - determine most cost effective mitigation option. Phase 3 - Work with the property owners to implement selected action based on available funding from FEMA and local match availability</i> |
| Existing, future &/or NA                | <i>Both</i>   |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>Loss of life or property when actions to mitigate risk are not taken</i>   |
| Cost estimate                           | <i>High</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>   |
| Technical                               | <i>Feasible</i>   |
| Political                               | <i>Political support</i>  |
| Legal                                   | <i>Authority exists</i>   |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>   |
| Social                                  | <i>Proposed action impacts BVT community</i>  |
| Administrative capability               | <i>yes</i>  |
| Local champion                          | <i>yes</i>  |
| Other community objectives              | <i>yes</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>High</i>   |
| Local planning mechanism                | <i>Planning, structural projects, codes</i>   |
| Responsible party                       | <i>BVT DPW</i>  |
| Potential funding sources               | <i>Grant programs and local budget (or property owner) for local cost share</i>   |
| Time line                               | <i>Long term DOF</i>  |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>Ongoing activity that will be repeated for the next cycle</i>  |

| <b>Action Worksheet</b>                 |   |
|---|---|
| Your plan name                          | <i>Atlantic County Multi-jurisdictional Hazard Mitigation Plan</i>  |
| Your community name                     | <i>Buena Vista Township</i>   |
| Community action number                 | <i>BVT 14 - Lake Ann Access Route / Firewise</i>  |
| <b>Assessing the Risk</b>               |   |
| Hazard(s) addressed                     | <i>Wildfire, flood, severe storm</i>  |
| Risk finding                            | <i>Mitigate lack of secondary ingress/egress in community. Create a firewise community</i>  |
| <b>Describing the Action</b>            |   |
| Action category                         | <i>Planning, structural project, codes</i>  |
| Action type                             | <i>Restore secondary ingress/egress to the community. Create firewise community.</i>  |
| Action description                      | <i>Lake Ann Access Route / Firewise. Determine feasibility of restoring previous secondary access road or identify and create secondary access for at least emergent ingress/egress access. Participate in fire community efforts to reduce risk.</i> |
| Existing, future &/or NA                | <i>Both</i>   |
| <b>Evaluating the Action</b>            |   |
| Losses avoided (i.e., benefits)         | <i>loss of life, loss of property</i>   |
| Cost estimate                           | <i>High</i>   |
| Cost effectiveness (i.e., benefit/cost) | <i>High</i>   |
| Technical                               | <i>Feasible</i>   |
| Political                               | <i>Political support</i>  |
| Legal                                   | <i>Authority exists</i>   |
| Environmental                           | <i>identify opportunities to eliminate or reduce risk</i>   |
| Social                                  | <i>Proposed action impacts Lake Ann community</i>   |
| Administrative capability               | <i>yes</i>  |
| Local champion                          | <i>yes</i>  |
| Other community objectives              | <i>yes</i>  |
| <b>Implementing the Action</b>          |   |
| Priority                                | <i>High</i>   |
| Local planning mechanism                | <i>Planning, structural projects, codes</i>   |
| Responsible party                       | <i>BVT DPW</i>  |
| Potential funding sources               | <i>Grant programs and local budget (or property owner) for local cost share</i>   |
| Time line                               | <i>Long term DOF</i>  |
| <b>Reporting on Progress</b>            |   |
| Action progress status                  | <i>carry forward, no change from previous</i>   |