

## *Appendix Vol I.25 Lake Como Borough*

Please find below the following documents specific to this jurisdiction that have been included as part of the plan update process.

- Summary Sheet
- Mitigation Action Table
- Mitigation Action Worksheets
- Capability Assessment
- Flood Zone Map
- Sea Level Rise Vulnerability Map
- Meeting Material



## NFIP Statistics

**98** *Polices In-force*

**38** *Total Losses*

**\$2,399,046** *Total Payments*

**2** *Number of RL Properties*

**0** *Number Mitigated  
RL Properties*

**4** *RL - Total Losses*

**\$70,255** *RL - Total Paid*

**0** *Number of SRL Properties*

**0** *Number Mitigated SRL  
Properties*

**0** *SRL - Total Losses*

**\$0** *SRL - Total Paid*

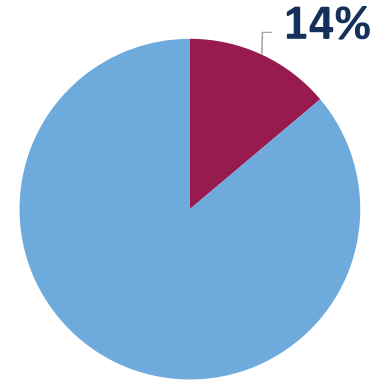


## Critical Facilities

**5** *Critical Facilities*

**0** *Critical Infrastructure*

**2** *Historic & Cultural Resources*



Percent Land Area Within SFHA

**9**

*Total Mitigation  
Actions*

**0**



*Education and Awareness Programs*

**9**



*Structure and Infrastructure Projects*

**0**



*Local Plans and Regulations*

**0**



*Natural Systems Protection*



**0** *SV Population At Risk (2017)*

**210** *Population at Risk (2017)*

| Lake Como, Borough of |   |  |                               |                                      | Monmouth County HMP Mitigation Action Summary  |          |                        |   |   |                 |          |               |
|-----------------------|---|--|-------------------------------|--------------------------------------|--|----------|------------------------|---|---|-----------------|----------|---------------|
| Community Action #    | Action Name   | Action Description   | Action Category               | Action Type                          | Hazard(s) Addressed  | Priority | Ease of Implementation | Responsible Party   | Potential Funding Sources   | Cost Estimate   | Timeline | Action Status |
| 25_01                 | Construct a New Outfall Pipe and Pump at Lake Como to Allow Water to be Released to the Ocean   | Lake Como, Spring Lake, and Belmar are seeking remedies to prevent flooding. Currently implementing a solution to reduce the amount of water in the lake prior to heavy rain events. The outfall pipe and area for pumps has to be designed to allow water to be released to the ocean, but not allow the ocean water to fill in the lake. During heavy rain events the water level fills faster than the water is removed-this is the remedy we must design to prevent future flooding. | Mitigation - Risk Reduction   | Structure and Infrastructure Project | Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge   | High     | Medium                 | Lake Como, Spring Lake & Belmar all responsible             | FEMA HMA  | \$2,000,000.00  | 1 year   | Ongoing       |
| 25_02                 | Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties | Home elevations to comply with the FEMA flood base guidelines, specifically RL/SRL properties.   | Mitigation - Risk Reduction   | Structure and Infrastructure Project | Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge   | High     | Medium                 | lake Como Construction Official will be the lead person.    | FEMA HMA  | \$10,000,000.00 | 3 years  | Ongoing       |
| 25_03                 | Water System Improvements   | Lining project and replacement to upgrade the distribution of water system.  |                               | Structure and Infrastructure Project | Drought  |          |                        | Municipal Engineer  | NJ Environmental Infrastructure program; US Department of Agriculture; possible mitigation grant; local | \$5,000,000.00  |          | Completed     |
| 25_04                 | Purchase and Install Generator for Emergency Shelter  | Purchase a generator for the Emergency Shelter located at Academy Charter High School. The Borough uses the gymnasium as an emergency shelter (1725 Main Street) located across the street from the Office of Emergency Management.  | Maintenance/Response/Recovery | Structure and Infrastructure Project | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge | Medium   | Low                    | Office of Emergency Management will coordinate with school. | FEMA HMA  | \$70,000.00     | 1 year   | Ongoing       |
| 25_05                 | Purchase and Install Generator for OEM Central Command Center   | Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. OEM Central Command Center lacks backup power.  |                               | Structure and Infrastructure Project | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge |          |                        | Office of Emergency Management and Administration.          |   | \$80,000.00     |          | Completed     |
| 25_06                 | Purchase and Install Generator for Public Works Building  | Purchase a generator for the Public Works Building which is essential during times of emergencies. Located at 790 Seventeenth Avenue.  | Maintenance/Response/Recovery | Structure and Infrastructure Project | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge | Low      | Low                    | Office of Emergency Management and Administration.          | Hazard Mitigation Grant; local funding.   | \$40,000.00     | 1 year   | Ongoing       |
| 25_07                 | Purchase and install Generator for First Aid Building   | Purchase a generator for the First Aid Building which is the First Response Emergency Center.  |                               | Structure and Infrastructure Project | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge |          |                        | Office of Emergency Management and Administration.          |   | \$40,000.00     |          | Completed     |
| 25_08                 | Protect the Emergency Command Center from Wind Damage Through Purchasing and Installing Hurricane Windows and Roof Straps   | Installation of hurricane windows and roof straps which will be in the complex location at 1730-1740 Main Street.  | Mitigation - Risk Reduction   | Structure and Infrastructure Project | Extreme Wind   | Medium   | Low                    | Office of Emergency Management and Administration.          | Hazard Mitigation Grant; local funding.   | \$75,000.00     | 1 year   | Ongoing       |

Lake Como, Borough of

Monmouth County HMP Mitigation Action Summary

| Community Action # | Action Name | Action Description | Action Category | Action Type | Hazard(s) Addressed | Priority | Ease of Implementation | Responsible Party | Potential Funding Sources | Cost Estimate | Timeline | Action Status |
|--------------------|-------------|--------------------|-----------------|-------------|---------------------|----------|------------------------|-------------------|---------------------------|---------------|----------|---------------|
|--------------------|-------------|--------------------|-----------------|-------------|---------------------|----------|------------------------|-------------------|---------------------------|---------------|----------|---------------|

|       |  |  |                               |                                      |             |        |     |                                 |          |              |        |     |
|-------|--|--|-------------------------------|--------------------------------------|-------------|--------|-----|---------------------------------|----------|--------------|--------|-----|
| 25_09 | Purchase and Install Generator for Belmar Police | The Belmar Police Station needs a new generator. | Maintenance/Response/Recovery | Structure and Infrastructure Project | All Hazards | Medium | Low | Borough of Belmar and Lake Como | FEMA HMA | \$200,000.00 | 1 year | New |
|-------|--|--|-------------------------------|--------------------------------------|-------------|--------|-----|---------------------------------|----------|--------------|--------|-----|

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_01

Lake Como, Borough of

## Describing the Action

|                        |  |
|------------------------|--|
| Action Name:           | Construct a New Outfall Pipe and Pump at Lake Como to Allow Water to be Released to the Ocean  |
| Action Category:       | Mitigation - Risk Reduction  |
| Action Type:           | Structure and Infrastructure Project   |
| HMA Eligible Activity: | Localized Flood Risk Reduction Projects  |
| Action Description:    | Lake Como, Spring Lake, and Belmar are seeking remedies to prevent flooding. Currently implementing a solution to reduce the amount of water in the lake prior to heavy rain events. The outfall pipe and area for pumps has to be designed to allow water to be released to the ocean, but not allow the ocean water to fill in the lake. During heavy rain events the water level fills faster than the water is removed-this is the remedy we must design to prevent future flooding. |

## Evaluating the Action

|                             |   |
|-----------------------------|---|
| Hazard(s) Addressed:        | Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge  |
| Goals:                      | 3, 5, 6   |
| Risk Reduction:             | Lake Como is the primary source of flooding in the Borough. During severe storms, water drains into the Lake but outfall design constraints prevent the water from making its way into the ocean before water overflows the banks and floods back into surrounding areas. The entirety of Lake Como is in mapped storm surge hazard areas. Sea level rise and climate change will contribute to more frequent and severe flooding and surge events over a larger area. Climate change will contribute to more frequent and severe weather events. |
| Technical:                  | Feasible: Need the 3 towns to agree on one firm to engineer the project.  |
| Political:                  | There is overall public support in Lake Como for this project.  |
| Legal:                      | No, rely on the 3 towns to agree on the plan.   |
| Environmental:              | Will reduce the impact of flooding.   |
| Social:                     | This action will affect those living in the neighborhoods surrounding and near the lake   |
| Administrative Capability:  | All three communities participation will be needed.   |
| Local Champion:             | A Lake Planning committee was formed between the 3 communities.   |
| Other Community Objectives: | Yes, this project would affect the other projects if the flooding and storm surge were reduced.   |
| STAPLEE Evaluation:         | 9   |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$2,000,000.00  |
| Priority:                        | High  |
| Scale of Ease of Implementation: | Medium  |
| Responsible Party:               | Lake Como, Spring Lake & Belmar all responsible   |
| Local Planning Mechanism:        | Committee of three towns will participate and plan  |
| Likely Funding Source(s):        | FEMA HMA  |
| Timeline:                        | 1 year  |
| Action Status:                   | Ongoing   |
| Notes:                           | Ongoing action; the Borough deems this action necessary and is searching for potential funding. |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_02

Lake Como, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Acquire, elevate, or relocate buildings and infrastructure in flood prone areas, with a focus on Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties |
| Action Category:       | Mitigation - Risk Reduction   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Structure Elevation   |
| Action Description:    | Home elevations to comply with the FEMA flood base guidelines, specifically RL/SRL properties.  |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | Flood, Nor'easter, Hurricane and Tropical Storm, Storm Surge   |
| Goals:                      | 2, 3, 5  |
| Risk Reduction:             | Home structure damage as a result of flooding. Flooding of residential structures around Como Lake is a big issue for the Borough. Lake Como is the primary source of flooding in the Borough. During severe storms, water drains into the lake but outfall design constraints prevent the water from making its way into the ocean before water overflows the banks and floods back into surrounding areas. The entirety of lake Como is in mapped storm surge hazard areas. Sea Level Rise and climate change will contribute to more frequent and severe flooding and surge events over a larger area. Climate change will contribute to more frequent and severe weather events. |
| Technical:                  | Action is feasible.  |
| Political:                  | There is overall public support in Lake Como for this project.   |
| Legal:                      | No, homeowners would have to agree to the home elevations.   |
| Environmental:              | Will reduce structural damage to homes in the Special Flood Hazard Area.   |
| Social:                     | This action will affect those living in the neighborhoods surrounding and near the lake  |
| Administrative Capability:  | Borough personnel would work with contractors to implement this action.  |
| Local Champion:             | The administrative, planning, building and office of emergency management and all working together to make this happen.  |
| Other Community Objectives: | This action does not further other projects, however has an overall positive affect for the community.   |
| STAPLEE Evaluation:         | 10   |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$10,000,000.00   |
| Priority:                        | High  |
| Scale of Ease of Implementation: | Medium  |
| Responsible Party:               | lake Como Construction Official will be the lead person.  |
| Local Planning Mechanism:        | Local ordinance has already been adopted reflecting the new Flood Base plan elevations.         |
| Likely Funding Source(s):        | FEMA HMA  |
| Timeline:                        | 3 years   |
| Action Status:                   | Ongoing   |
| Notes:                           | Ongoing action; the Borough deems this action necessary and is searching for potential funding. |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_03

Lake Como, Borough of

## Describing the Action

Action Name: Water System Improvements

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Floodplain and Stream Restoration

Action Description: Lining project and replacement to upgrade the distribution of water system.

## Evaluating the Action

Hazard(s) Addressed: Drought

Goals: 6

Risk Reduction: Secondary contaminant is causing the brown water and is aesthetically unpleasing. High iron and manganese in testing.

Technical: Action is Feasible.

Political: There is overall public support in Lake Como for this project.

Legal: Yes, authorized by Governing Body.

Environmental: The Governing Body, administrative, Engineering, legal and Public Works/Water Department all working together to make this happen.

Social: This project will affect the entire population as we will upgrade the lines in the entire town.

Administrative Capability: Borough personnel would work with contractors to implement this action.

Local Champion: The Governing Body, administrative, Engineering, legal and Public Works/Water Department all working together to make this happen.

Other Community Objectives: This action does not further other projects, however has an overall positive effect for the community.

STAPLEE Evaluation: N/A

## Implementing the Action

Cost Estimate: \$5,000,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Municipal Engineer

Local Planning Mechanism: Engineering is designing plans to complete this project; The Governing Body has approved the capital improvements.

Likely Funding Source(s): NJ Environmental Infrastructure program; US Department of Agriculture; possible mitigation grant; local funding thro

Timeline:

Action Status: Completed

Notes: The Borough was awarded HMGP funding of \$2,025,000 for water distribution center upgrade post-Sandy (pending obligation as of 2020)

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_04

Lake Como, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Purchase and Install Generator for Emergency Shelter  |
| Action Category:       | Maintenance/Response/Recovery   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Generators  |
| Action Description:    | Purchase a generator for the Emergency Shelter located at Academy Charter High School. The Borough uses the gymnasium as an emergency shelter (1725 Main Street) located across the street from the Office of Emergency Management. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge   |
| Goals:                      | 7  |
| Risk Reduction:             | Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. Academy Charter High School is an Emergency Shelter which lacks backup power. |
| Technical:                  | Action is feasible.  |
| Political:                  | There is overall public support in Lake Como for this project.   |
| Legal:                      | Yes, authorized by Governing Body.   |
| Environmental:              | There are no environmental impacts. This is a planning mechanism to have a facility large enough to accommodate our residents during times of emergencies.   |
| Social:                     | This project will affect the entire population.  |
| Administrative Capability:  | Borough personnel would work with contractors to implement this action.  |
| Local Champion:             | The Governing Body, Academy Charter High School administration, administrative, and OEM.   |
| Other Community Objectives: | This action does not further other projects, however has an overall positive effect for the community.   |
| STAPLEE Evaluation:         | N/A  |

## Implementing the Action

|                                  |  |
|----------------------------------|--|
| Cost Estimate:                   | \$70,000.00  |
| Priority:                        | Medium   |
| Scale of Ease of Implementation: | Low  |
| Responsible Party:               | Office of Emergency Management will coordinate with school.  |
| Local Planning Mechanism:        | Office of Emergency Management will coordinate with school.  |
| Likely Funding Source(s):        | FEMA HMA   |
| Timeline:                        | 1 year   |
| Action Status:                   | Ongoing  |
| Notes:                           | Ongoing action; the Borough is still interested in this action and once funds are available, will implement. |



# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_05

Lake Como, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Purchase and Install Generator for OEM Central Command Center   |
| Action Category:       |   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Generators  |
| Action Description:    | Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. OEM Central Command Center lacks backup power. |

## Evaluating the Action

|                             |   |
|-----------------------------|---|
| Hazard(s) Addressed:        | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge  |
| Goals:                      | 7   |
| Risk Reduction:             | Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. OEM Central Command Center lacks backup power. |
| Technical:                  | Action is feasible.   |
| Political:                  | There is overall public support in Lake Como for this project.  |
| Legal:                      | Yes, authorized by Governing Body.  |
| Environmental:              | There are no environmental impacts. This is a planning mechanism to prevent any power outages and have continued services for residents and contact with residents, and state and county agencies.                    |
| Social:                     | This project will affect the entire population.   |
| Administrative Capability:  | Borough personnel would work with contractors to implement this action.   |
| Local Champion:             | The Governing Body, administrative, and Office of Emergency Management.   |
| Other Community Objectives: | This action does not further other projects, however has an overall positive effect for the community.  |
| STAPLEE Evaluation:         | N/A   |

## Implementing the Action

|                                  |  |
|----------------------------------|--|
| Cost Estimate:                   | \$80,000.00  |
| Priority:                        |  |
| Scale of Ease of Implementation: |  |
| Responsible Party:               | Office of Emergency Management and Administration. |
| Local Planning Mechanism:        | Office of Emergency Management and Administration. |
| Likely Funding Source(s):        |  |
| Timeline:                        |  |
| Action Status:                   | Completed  |
| Notes:                           |  |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_06

Lake Como, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Purchase and Install Generator for Public Works Building  |
| Action Category:       | Maintenance/Response/Recovery   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Generators  |
| Action Description:    | Purchase a generator for the Public Works Building which is essential during times of emergencies. Located at 790 Seventeenth Avenue. |

## Evaluating the Action

|                             |  |
|-----------------------------|--|
| Hazard(s) Addressed:        | Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge   |
| Goals:                      | 7  |
| Risk Reduction:             | Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. The Public Works Building lacks backup power. |
| Technical:                  | Action is feasible.  |
| Political:                  | There is overall public support in Lake Como for this project.   |
| Legal:                      | Yes, authorized by Governing Body.   |
| Environmental:              | There are no environmental impacts. This is a planning mechanism.  |
| Social:                     | This project will affect the entire population.  |
| Administrative Capability:  | Borough personnel would work with contractors to implement this action.  |
| Local Champion:             | The Governing Body, administrative, and Office of Emergency Management.  |
| Other Community Objectives: | This action does not further other projects, however has an overall positive effect for the community.   |
| STAPLEE Evaluation:         | N/A  |

## Implementing the Action

|                                  |  |
|----------------------------------|--|
| Cost Estimate:                   | \$40,000.00  |
| Priority:                        | Low  |
| Scale of Ease of Implementation: | Low  |
| Responsible Party:               | Office of Emergency Management and Administration. |
| Local Planning Mechanism:        | Office of Emergency Management and Administration. |
| Likely Funding Source(s):        | Hazard Mitigation Grant; local funding.            |
| Timeline:                        | 1 year   |
| Action Status:                   | Ongoing  |
| Notes:                           |  |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_07

Lake Como, Borough of

## Describing the Action

Action Name: Purchase and install Generator for First Aid Building

Action Category:

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: Purchase a generator for the First Aid Building which is the First Response Emergency Center.

## Evaluating the Action

Hazard(s) Addressed: Extreme Temperatures, Flood, Extreme Wind, Lightening, Nor'easter, Hurricane and Tropical Storm, Storm Surge

Goals: 7

Risk Reduction: Loss of power is possible during hazard events including flooding, surge, extreme wind, hurricane and tropical storm, nor'easter, extreme temperatures, and lightning. The First Response Emergency Center lacks backup power.

Technical: Action is feasible.

Political: There is overall public support in Lake Como for this project.

Legal: Yes, authorized by Governing Body.

Environmental: There are no environmental impacts. This is a planning mechanism to have an immediate emergency facility large enough to accommodate our residents during times of emergencies.

Social: This project will affect the entire population.

Administrative Capability: Borough personnel would work with contractors to implement this action.

Local Champion: The Governing Body, administrative, and Office of Emergency Management.

Other Community Objectives: This action does not further other projects, however has an overall positive effect for the community.

STAPLEE Evaluation: N/A

## Implementing the Action

Cost Estimate: \$40,000.00

Priority:

Scale of Ease of Implementation:

Responsible Party: Office of Emergency Management and Administration.

Local Planning Mechanism: Office of Emergency Management and Administration.

Likely Funding Source(s):

Timeline:

Action Status: Completed

Notes: The First Aid Emergency Shelter received a HMGP grant for a generator of \$75k.

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_08

Lake Como, Borough of

## Describing the Action

|                        |   |
|------------------------|---|
| Action Name:           | Protect the Emergency Command Center from Wind Damage Through Purchasing and Installing Hurricane Windows and Roof Straps |
| Action Category:       | Mitigation - Risk Reduction   |
| Action Type:           | Structure and Infrastructure Project  |
| HMA Eligible Activity: | Structural Retrofitting of Existing Buildings   |
| Action Description:    | Installation of hurricane windows and roof straps which will be in the complex location at 1730-1740 Main Street.         |

## Evaluating the Action

|                             |   |
|-----------------------------|---|
| Hazard(s) Addressed:        | Extreme Wind  |
| Goals:                      | 7   |
| Risk Reduction:             | This action will provide adequate hurricane windows and roof straps to insure the integrity of the Emergency Command Center building during times of hurricanes and large wind and rain events. |
| Technical:                  | Action is feasible.   |
| Political:                  | There is overall public support in Lake Como for this project.  |
| Legal:                      | Yes, authorized by Governing Body.  |
| Environmental:              | There are no environmental impacts. This is a planning mechanism.   |
| Social:                     | This project will affect the entire population.   |
| Administrative Capability:  | Borough personnel would work with contractors to implement this action.   |
| Local Champion:             | The Governing Body, administrative, and Office of Emergency Management.   |
| Other Community Objectives: | This action does not further other projects, however has an overall positive effect for the community.  |
| STAPLEE Evaluation:         | N/A   |

## Implementing the Action

|                                  |   |
|----------------------------------|---|
| Cost Estimate:                   | \$75,000.00   |
| Priority:                        | Medium  |
| Scale of Ease of Implementation: | Low   |
| Responsible Party:               | Office of Emergency Management and Administration.  |
| Local Planning Mechanism:        | Office of Emergency Management and Administration.  |
| Likely Funding Source(s):        | Hazard Mitigation Grant; local funding.   |
| Timeline:                        | 1 year  |
| Action Status:                   | Ongoing   |
| Notes:                           | Pending obligation as of 2020 for HMGP funding of \$56,250 for wind retrofit of municipal complex post-Sandy. |

# Monmouth County Mitigation Action Worksheets

Community Action Number: 25\_09

Lake Como, Borough of

## Describing the Action

Action Name: Purchase and Install Generator for Belmar Police

Action Category: Maintenance/Response/Recovery

Action Type: Structure and Infrastructure Project

HMA Eligible Activity: Generators

Action Description: The Belmar Police Station needs a new generator.

## Evaluating the Action

Hazard(s) Addressed: All Hazards

Goals: 1, 2, 7

Risk Reduction: The Belmar Police station services Lake Como, in addition to Belmar. There needs to be back up power at the station so the police can continue operating during a hazard.

Technical: Technically feasible.

Political: No adverse political ramifications are expected.

Legal: No adverse political ramifications are expected.

Environmental: No adverse environmental impact anticipated.

Social: Does not adversely affect any particular social group. Perceived by the public to be a good thing because it prepares residents and officials for emergencies.

Administrative Capability: Borough has sufficient capacity and experience to administer this action.

Local Champion: OEM

Other Community Objectives:

STAPLEE Evaluation: N/A

## Implementing the Action

Cost Estimate: \$200,000.00

Priority: Medium

Scale of Ease of Implementation: Low

Responsible Party: Borough of Belmar and Lake Como

Local Planning Mechanism: Hazard Mitigation Plan

Likely Funding Source(s): FEMA HMA

Timeline: 1 year

Action Status: New

Notes:

## CAPABILITY ASSESSMENT WORKSHEET

Name: Louise A. Mekosh

Title: Borough Clerk/Administrator

Jurisdiction: Borough of Lake Como

Organization:

Local Mitigation Capabilities are existing authorities, policies, programs, and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible.

### Planning & Regulatory

Planning and Regulatory Capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards. Please indicate which of the following your jurisdiction currently has in place.

| Plan                               | Yes/No | 1. What is the date/year of the plan?<br>2. Does the plan address hazards?<br>3. Does the plan identify projects to include in the mitigation strategy?<br>4. Can the plan be used to implement mitigation actions? |
|------------------------------------|--------|---|
| Comprehensive/Master Plan          | Yes    |   |
| Capital Improvements Plan          | Yes    |   |
| Economic Development Plan          | Yes    |   |
| Local Emergency Operations Plan    | Yes    | Working on one plan with Belmar.  |
| Continuity of Operations Plan      |        |   |
| Post-Disaster Recovery Plan        | Yes    |   |
| Transportation Plan                |        |   |
| Stormwater Management Plan         |        |   |
| Community Wildfire Protection Plan |        |   |



## CAPABILITY ASSESSMENT WORKSHEET

|  |               |  |
|--|---------------|--|
| Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation) |               |  |
| <b>Building Code, Permitting, and Inspections</b>  | <b>Yes/No</b> | <b>Are codes adequately enforced?</b>  |
| Building Code  | No            | Version/Year:  |
| Building Code Effectiveness Grading Schedule (BCEGS) Score   |               | Score:   |
| Fire Department ISO rating   |               | Rating:  |
| Site Plan Review Requirements  | Yes           |  |
| <b>Land Use Planning and Ordinances</b>  | <b>Yes/No</b> | <b>Is the ordinance an effective measure for reducing hazard impacts?<br/>Is the ordinance adequately administered and enforced?</b> |
| Zoning Ordinance   | Yes           |  |
| Subdivision Ordinance  | Yes           |  |
| Floodplain Ordinance   |               |  |
| Natural hazard ordinance (stormwater, steep slope, wildfire)   |               |  |
| Flood Insurance Rate Maps  |               |  |
| Acquisition of Land for Open Space and Public Recreation Uses  |               |  |
| Post-Disaster Recovery Ordinance   | Yes           |  |
| Real Estate Disclose Ordinance   | No            |  |



## CAPABILITY ASSESSMENT WORKSHEET

|  |     |                            |
|--|-----|----------------------------|
| Other (ie. Special Purposes Ordinance)   | Yes | Special Purposes Ordinance |
| <b>How can the above capabilities be expanded and improved to reduce risk?</b> |     |                            |
|  |     |                            |

### Administrative & Technical

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher-level government that can provide technical assistance, indicate so in your comments.

| Administration   | Yes/No          | Describe capability<br>Is coordination effective?  |
|--|-----------------|--|
| Planning Commission  | Yes             |  |
| Mitigation Planning Committee  | Yes             | Lake Como and Belmar   |
| Maintenance Programs to Reduce Risk (e.g., tree trimming, clearing drainage systems) | Yes             |  |
| Mutual Aid Agreements  | Yes             | Police, Fire, First Aid, Code Enforcement, and Court with Belmar   |
| Staff  | Yes/No<br>FT/PT | Is the staff full time or part time?<br>Is staffing adequate to enforce regulations?<br>Is the staff trained on hazards and mitigation?<br>Is coordination between agencies and staff effective? |
| Chief Building Official  | Yes             | 1. PT, Construction Officer<br>2. Yes<br>3. Yes<br>4. Yes  |
| Floodplain Administrator   | Yes             | 1. PT, Construction Officer<br>2. Yes<br>3. Yes<br>4. Yes  |
| Emergency Manager  | Yes             | 1. FT, Belmar and Lake Como<br>2. Yes<br>3. Yes<br>4. Yes  |
| Community Planner  | Yes             | 1. PT<br>2. Yes<br>3. Yes<br>4. Yes  |





## CAPABILITY ASSESSMENT WORKSHEET

|  |               |  |
|--|---------------|--|
| Civil Engineer   | Yes           | 1. PT<br>2. Yes<br>3. Yes<br>4. Yes  |
| Surveyor   | Yes           |  |
| GIS Coordinator  | No            |  |
| Scientists familiar with the hazards of the community                          | Yes           |  |
| Other  |               |  |
| <b>Technical</b>   | <b>Yes/No</b> | <b>Describe capability<br/>Has capability been used to access/mitigate risk in the past?</b> |
| Warning Systems/Services<br>(Reverse 911, outdoor warning signals)             | Yes           | Code Red, Code Blue  |
| Hazard Data and Information  |               |  |
| Grant Writing  | Yes           |  |
| Hazus Analysis   | No            |  |
| Other  |               |  |
| <b>How can the above capabilities be expanded and improved to reduce risk?</b> |               |  |
|  |               |  |



## CAPABILITY ASSESSMENT WORKSHEET

### Financial

Identify whether your jurisdiction has access to or is eligible to use the following funding resources for hazard mitigation.

| Funding Resource   | Access / Eligibility (Yes/No) | Has the funding resource been used in the past and for what type of activities?<br>Could the resource be used to fund future mitigation actions? |
|--|-------------------------------|--|
| Capital Improvements Project Funding                                       | Yes                           |  |
| Authority to Levy Taxes for Specific Purposes                              | No                            |  |
| Fees for Water, Sewer, Gas, or Electric Services                           | Yes                           |  |
| Impact Fees for New Development  | No                            |  |
| Stormwater Utility Fee   |                               |  |
| Incur Debt Through Private Activities                                      | No                            |  |
| Community Development Block Grant  | Yes                           |  |
| Other Federal Funding Programs   | No                            |  |
| State Funding Programs   |                               |  |
| Other (e.g., withhold spending in hazard-prone areas)                      | Yes                           | Incur Debt through General Obligation Funds  |
| <b>How can these capabilities be expanded and improved to reduce risk?</b> |                               |  |
|  |                               |  |



## CAPABILITY ASSESSMENT WORKSHEET

### Education and Outreach

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

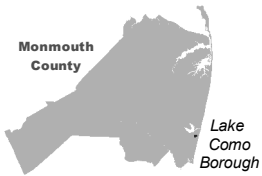
| Program/Organization  | Yes/No | Describe program/organization and how it relates to disaster resilience and mitigation.<br>Could the program/organization help implement future mitigation activities? |
|---|--------|--|
| Local Citizen Groups or Non-Profit Organizations Focused on Environmental Protection, Emergency Preparedness, Access and Functional Needs Populations, etc. |        |  |
| Ongoing Public Education or Information Programs (e.g., responsible water use, fire safety, household preparedness, environmental education)                | Yes    |  |
| Natural Disaster or Safety Related School Programs  |        |  |
| StormReady Certification  |        |  |
| Firewise Communities Certification  |        |  |
| Public-Private Partnership Initiatives Addressing Disaster Related Issues   |        |  |
| Other   |        |  |
| <b>How can these capabilities be expanded and improved to reduce risk?</b>  |        |  |
|   |        |  |





# LAKE COMO BOROUGH FLOOD VULNERABILITY

MONMOUTH COUNTY HAZARD MITIGATION PLAN



**Building Classification**

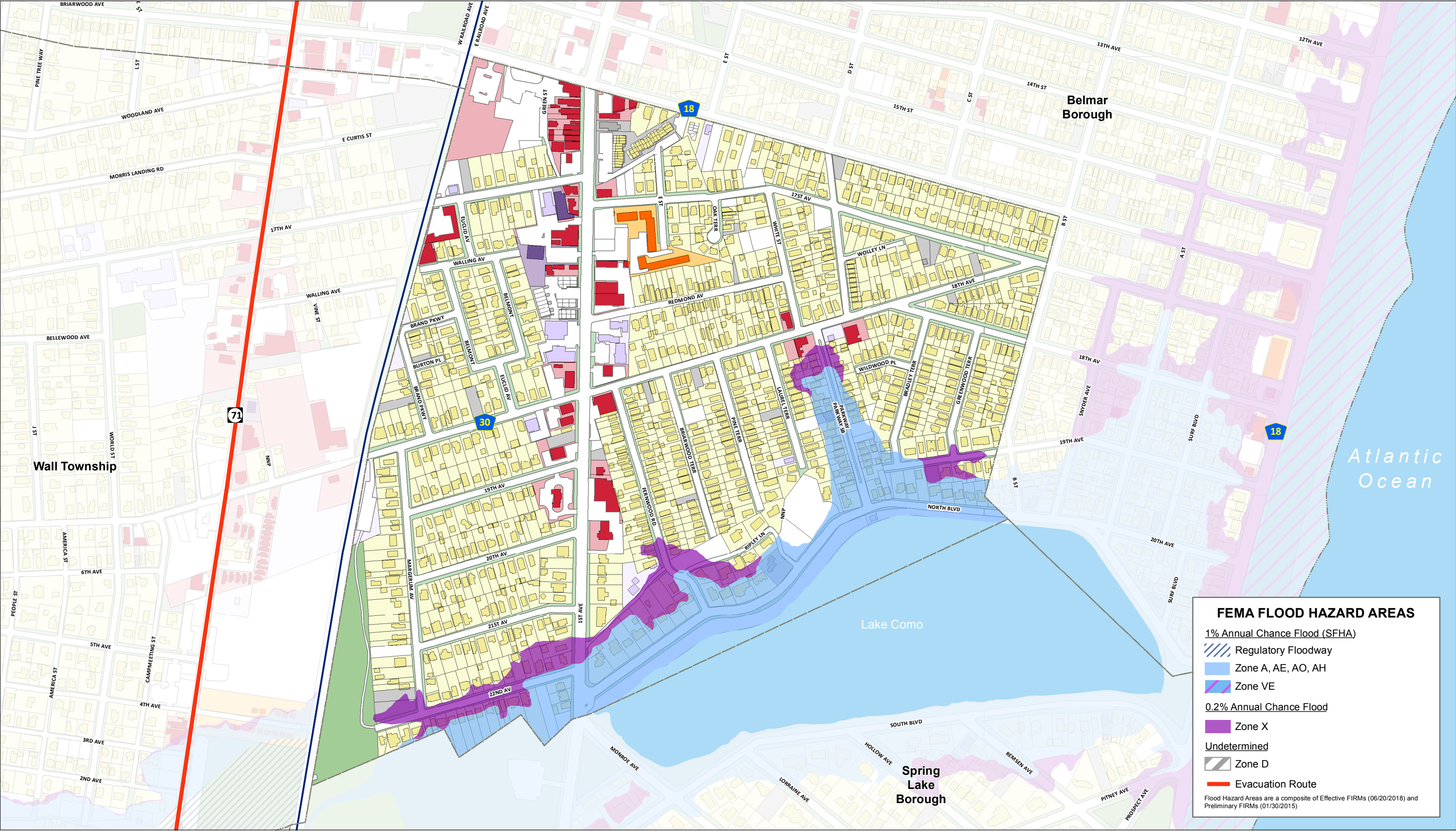
|            |            |                           |                                     |
|------------|------------|---------------------------|-------------------------------------|
| Industrial | Commercial | Apartment                 | Residential (four families or less) |
| Farm       | Vacant     | Civic/Public (Tax Exempt) | Unclassified                        |

**Parcel Classification**

|            |            |                           |                                     |
|------------|------------|---------------------------|-------------------------------------|
| Industrial | Commercial | Apartment                 | Residential (four families or less) |
| Farm       | Vacant     | Civic/Public (Tax Exempt) | Unclassified                        |
|            |            |                           | Open Space                          |

0 200 400 Feet

Source: 2014 Esri; Monmouth County; NJOIT-OGIS; NJGIN MODIV Parcel, FEMA  
Projection: New Jersey State Plane, NAD 1983



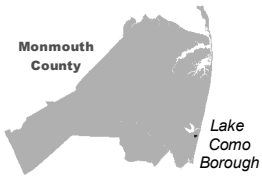
This map was developed using the 10-04-18 statewide composite of parcel data published by the NJOIT-OGIS. The State of New Jersey makes great effort to provide secure, accurate, and complete data and metadata. However, portions of the data and metadata may be incorrect or not current. Any errors or omissions should be reported for investigation to OGIS.





# LAKE COMO BOROUGH FLOOD VULNERABILITY

MONMOUTH COUNTY HAZARD MITIGATION PLAN



**Building Classification**

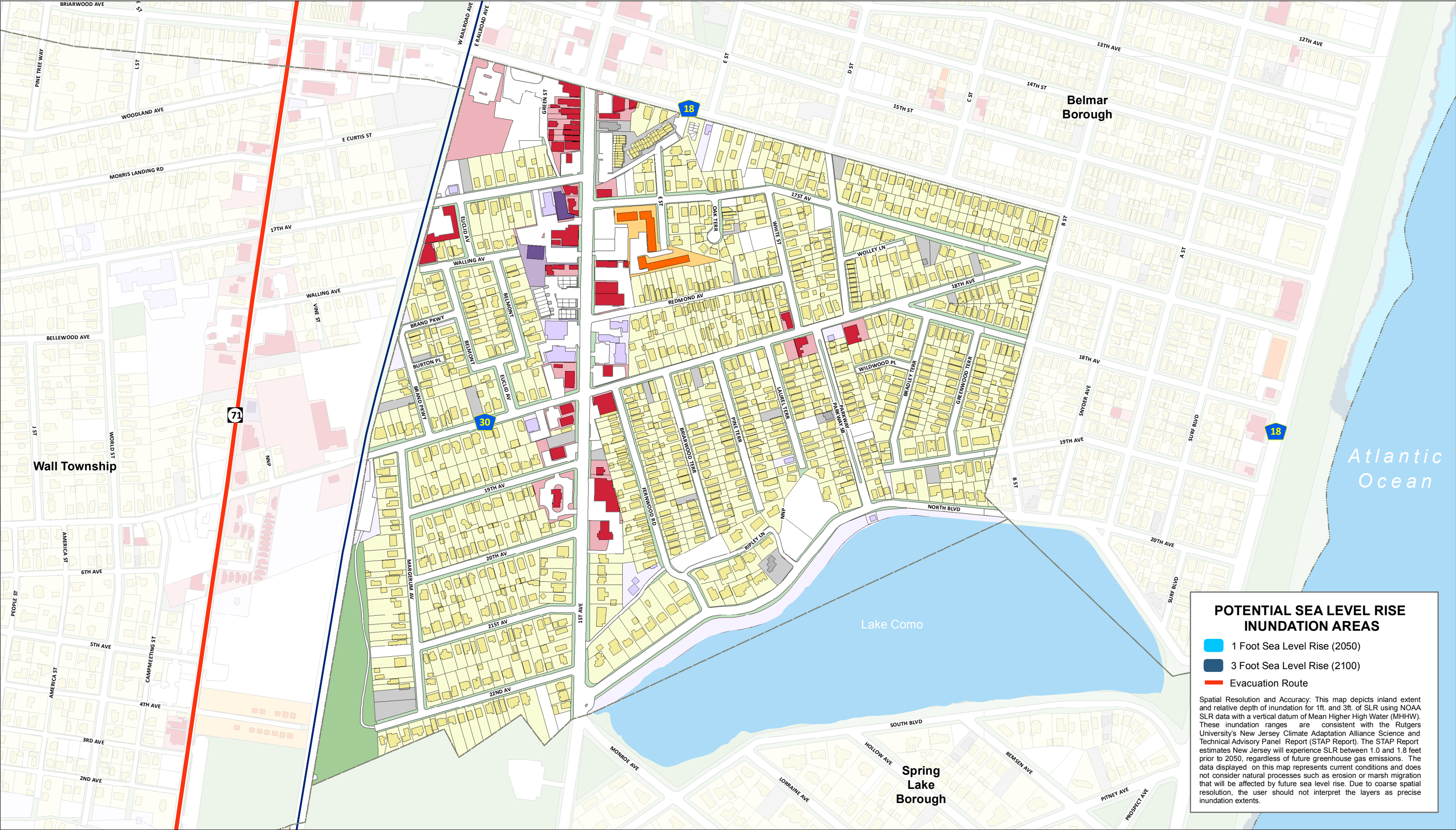
|            |            |                           |                                     |
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## MEETING NOTES

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**Topic:** Belmar and Lake Como- Monmouth County HMP Meeting

**Date:** June 12, 2019

**Time:** 2:30 PM- 3:30 PM

**Location:** Belmar Boro Hall

**Attendees:** Louise Mekosh, Lake Como Administrator  
Patricia Fagan, Lake Como Deputy Treasurer  
Edward Kirschenbaum, Belmar Administrator  
April Claudio, Belmar Clerk  
Brittany Ashman, MB Planner

**Drafted by:** Paige Kaspar

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### Introductions (Brittany):

- What is Hazard Mitigation?
- Matching actions with Goals
- New Hazards
- HMP Pamphlet
- Funding

### **Mitigation Actions**

1. Lake Como Flooding Mitigation→ Ongoing
2. Home Elevations→ Ongoing 2015 action; please update the status on RL properties
3. Water System Improvements→ Complete
4. Generator for Emergency Shelter→ Ongoing 2015 action; the Borough still supports this action and is searching for funding.
5. Generator for OEM Central Command Center→ Complete
6. Generator for Public Works Building→ Ongoing 2015 action; the Borough still supports this action and is searching for funding.
7. Generator for First Aid Building→ Withdrawn; Move generator project to Academy Charter High School (Community Action 25\_04)
8. Protect Emergency Command Center→ Ongoing 2015 action; the Borough still supports this action and is searching for funding.



**2020 Mitigation Actions (NEW):**

1. Generator for Belmar Police → The Belmar Police station services Lake Como, in addition to Belmar. There needs to be back up power at the station so the police can continue operating during a hazard.

**Successes**

- Elevated generators for library, first aid, and a generator for the senior center elevator





Monmouth County  
Multi-Jurisdictional Hazard Mitigation Plan Update



Michael Baker  
INTERNATIONAL

Meeting: Lake Como/Belmar HMP

Date: 06-12-19

| Initial | Last Name  | First Name | Title                 | Organization     | Email Address        |
|---------|------------|------------|-----------------------|------------------|----------------------|
|         | Ashmar     | Brihany    | Planner               | MB               |                      |
|         | Mekash     | Louise     | Borough Administrator | L.C. (Lake Como) |                      |
|         | Fagan      | Patricia   | Deputy Treasurer      | LC (Lake Como)   |                      |
|         | Kirschbaum | Edward     | Borough Administrator | Belmar           | ekirschbaum@aol.com  |
|         | Claudio    | April      | Municipal Clerk       | Belmar           | acclaudio@belmar.com |
|         |            |            |                       |                  |                      |
|         |            |            |                       |                  |                      |
|         |            |            |                       |                  |                      |
|         |            |            |                       |                  |                      |