

**Appendix B: Critical Facility Description and Vulnerability Ranking**

**Assessing Vulnerability to Hazards by Jurisdiction**

This appendix provides a detailed discussion of all critical facilities in each municipality and to the degree to which each is vulnerable to the natural hazards identified in this plan.

**Critical facilities that are new for this Plan update are denoted with an asterisk (\*) following the name of the facility.**

**Table B.1**, Facility Vulnerability Assessment: Ranking Factors contains the rankings used for each hazard, detailed by municipality. **Appendix D** contains a table entitled, Vulnerability Assessment of Critical Facilities, which details the ranking of each critical facility by hazard and by municipality. County-wide maps detailing critical facilities and their vulnerability to hazards are also located in **Appendices C and E**.

**Table B.1: Facility Vulnerability Assessment: Ranking Factors**

<b>Vulnerability to Flooding</b>	
0	Structure is known to not be located in a flood plain or flood prone area
1	Structure is in a floodplain or flood prone area but has no prior history of flood damage
2	Structure is in a floodplain or flood prone area and has experienced some limited flood damage in the past
3	Structure is in a floodplain or flood prone area and has experienced significant flood damage or the property is an NFIP repetitive loss property
<b>Vulnerability to Storm Surge</b>	
0	Structure is known to not be located in a storm surge or tsunami inundation area
1	Structure is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone
2	Located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage
3	Located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage
<b>Vulnerability to Drought</b>	
0	The facility is served by a water supply that is known to be adequate under drought conditions
1	The facility is served by a water supply that is likely to fail under severe drought conditions
2	The facility is served by a water supply that is likely to fail under moderate drought conditions
3	Facility's water supply is predicted to fail under moderate drought conditions or significant water supply problems have been experienced
<b>Subject to Winter Storm Disruption</b>	
0	The facility would not suffer any damage or operational disruption from a winter storm
1	The facility could suffer some damage or minor operational disruption from a winter storm
2	The facility has suffered damages or significant operational disruption from past winter storms
3	Facility has suffered damages or significant disruption from past storms which has had serious community economic or health consequences
<b>Subject to Earthquake</b>	
0	The facility is not located in an area considered to have any significant risk of earthquake
1	In an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes

2	In an area considered as moderate earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake codes.
3	In an area considered as high earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake codes
<b>Subject to Landslide/Mudslide</b>	
0	Facility is located on a site not considered vulnerable to landslide, erosion or avalanche
1	Facility is on sloping or waterside site with moderate vulnerable to landslide or erosion, and/or is near but not in an avalanche runout zone
2	On a sloping/waterside site with soils prone to landslide or erosion, and/or is in potential avalanche runout zone; with no history of damage
3	On a sloping or waterside site highly vulnerable to landslide or erosion, is in a predicted avalanche runout zone, or has history of such damage
<b>Vulnerability to High Winds</b>	
0	Facility is not vulnerable due to construction type, roof configuration & wall opening size or protection; no nearby trees
1	Wall opening size/lack of protection may cause window/door failure &/or with few nearby trees; essential external equipment is vulnerable
2	Vulnerable due to wall opening size/lack of protection, roof configuration, &/or several nearby trees; essential external equipment is vulnerable
3	Very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail
<b>Vulnerability to Major Fire</b>	
0	Meets the current fire code, has adequate separation from other structures and good access, and is not close to heavily vegetated areas
1	Meets the current code, is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk
2	Does not meet current fire code, is in/adjacent to large vegetated areas, and has inadequate access and/or separation from other structures
3	Does not meet the current code, is in/adjacent to vegetated areas, with access limitations/structure separation make fire suppression difficult
<b>Vulnerable to Subsidence</b>	
0	The facility is not located over geologic formations with any potential for subsidence and the site is in an area free of expansive soils.
1	Over formations with limited potential subsidence or expansive soils may be present, and there is no previous damage from these hazards
2	Over formations of known potential for subsidence or site is likely to have expansive soils, but there is no history of this type of damage
3	Over formations of known potential for subsidence or the site has expansive soils and there is a history in the area of this type of damage
<b>Vulnerability to Hail Storms</b>	
0	The construction of the facility has no surfaces or equipment that are likely to be damaged by large hail
1	The facility has equipment or surfaces that could be damaged by large hail, but operation of the facility would not be disrupted
2	The facility has equipment or surfaces that would be damaged by large hail, and operation of the facility may be disrupted
3	Facility's equipment/surfaces would be damaged by large hail, and operations would be disrupted, or, it has significant past hail damage

**Bergen County**

Bergen County has identified 28 critical facilities, including 20 that are new to this Plan update, as follows:

1. Bergen County Police Headquarters (moved from Hackensack to Paramus)
2. Bergen County DPW Operations and Mosquito Control Division (moved from Hackensack to Paramus)
3. Bergen County Jail & Bureau of Criminal Investigation (formerly Bergen County Jail Annex) (Hackensack)
4. Bergen County Administration Building (formerly One Bergen County Plaza) (Hackensack)
5. Bergen County Administration Garage (Hackensack)
6. Bergen County Justice Center (Hackensack)
7. Bergen County Medical Examiner's Office (Paramus)
8. Bergen County Animal Center (Teterboro)
9. Bergen Community College Ciarco Learning Center (Hackensack)\*
10. Bergen County Academies (Hackensack)\*
11. Bergen County Senior Center and Addiction Recovery Program (Hackensack)\*
12. Bergen County Conklin Youth Center (Hackensack)\*
13. Bergen County Probation Division (Hackensack)\*
14. Bergen County Housing, Health and Human Services Center (Hackensack)\*
15. Bergen County Police- Patrol Unit (Hackensack)\*
16. Bergen County Central Municipal Court (Hackensack)\*
17. Bergen County Maintenance Garage and Fueling Storage (Hackensack)\*
18. Bergen County Community Transportation/Lodi Armory (Lodi)\*
19. Bergen Community College at the Meadowlands (Lyndhurst)\*
20. Bergen County Public Safety Operations Center (moved from Paramus to Mahwah)\*
21. Bergen County Environmental Health and Special Services School (Paramus)\*
22. Bergen Community College (Paramus)\*
23. Bergen County Technical High School (Paramus)\*
24. Bergen Regional Medical Center (Paramus)\*
25. Bergen County Special Services Schools (Paramus)\*
26. Bergen County Health Care Center (Rockleigh)\*
27. Bergen County Youth Complex (JDC) (Teterboro)\*
28. Bergen County Technical High School (Teterboro)\*

The vulnerability assessment of these critical facilities can be found under the municipality in which they are located.

**Allendale Borough**

The Borough of Allendale has eight critical facilities, five of which were added for this Plan update.

The Allendale DPW is slightly vulnerable to high winds, meaning that the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The DPW structure is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the DPW or economic losses would be moderate.

The Allendale Water Department is slightly vulnerable to high winds, the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The Water Department is located in a flood plain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the Water Department or economic losses would be moderate.

The Brookside School is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The School is in a flood plain or flood prone area and has experienced significant flood damage in the past. This property may also be a NFIP repetitive loss property. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

The Allendale Volunteer Ambulance Corps\* is slightly vulnerable to high winds, the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The structure is located in a floodplain or flood prone area but has no prior history of flood damage. The facility could suffer some damage or minor operational disruption from a winter storm.

The Allendale Police Department\* is slightly vulnerable to high winds, the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The structure is located in a floodplain or flood prone area but has no prior history of flood damage. The facility could suffer some damage or minor operational disruption from a winter storm.

The Allendale Fire Department\* is slightly vulnerable to high winds, the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The structure is located in a floodplain or flood prone area but has no prior history of flood damage. The facility could suffer some damage or minor operational disruption from a winter storm.

The Hillsdale School\* is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The structure is located in a floodplain or flood prone area but has no prior history of flood damage. The facility could suffer some damage or minor operational disruption from a winter storm.

The Northern Highlands Regional High School\* is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The structure is located in a floodplain or flood prone area but has no prior history of flood

damage. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

**Alpine Borough**

The Borough of Alpine has identified 15 critical facilities.

The Alpine Department of Public Works and Fire Department are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

The Alpine Public School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the School. Economic losses due to such a storm would be moderate.

The American Tower Corporation and Alpine Tower Corporation are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

Closter Dock Road (Bergen County Route 502) from start to end is vulnerable to winter storms, as they may pose a health/safety risk to up to 25% of the population in the vicinity of this roadway. Economic losses due to such a storm would be moderate.

Hillside Avenue (Route 6) from start to end is vulnerable to winter storms, as they may pose a health/safety risk to up to 25% of the population in the vicinity of this roadway. Economic losses due to such a storm would be moderate.

The Alpine Municipal Hall/Police Department/EOC is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

The Public Water Storage Tanks (5 and 9 million gallons) are not vulnerable to any natural hazards.

The T-Mobile Cellular Tower is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

US Route 9W- Mile Posts 5.4 and 11.1 are vulnerable to winter storms, as they may pose a health/safety risk to up to 25% of the population in the vicinity of US Route 9W, or economic losses would be moderate.

**Bergenfield Borough**

The Borough of Bergenfield has identified nine critical facilities, two of which were added for this Plan update.

The Alert Fire Company and Bergen Field High School are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities are vulnerable to winter storms, as they may pose a health/safety risk to up to 25% of the population in the vicinity of the structures. Economic losses due to such a storm would be moderate.

The Bergenfield Municipal Building is located in a floodplain or flood prone area and has experienced some limited flood damage in the past.

The Bergenfield Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

The No. 2 Fire Company, Prospect Fire Company No. 1 and Roy W. Brown Middle School are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities are vulnerable to winter storms, as they may pose a health/safety risk to up to 25% of the population in the vicinity of the structures. Economic losses due to such a storm would be moderate.

The Bergenfield Borough Hall/Police Department\* is slightly vulnerable to winter storms. Such storms may pose a health/safety risk to up to 25% of the population in the vicinity of the Borough Hall/Police Department. Economic losses due to such a storm would be moderate.

Bergenfield Department of Public Works (DPW)\* is slightly vulnerable to winter storms. Such storms may pose a health/safety risk to up to 25% of the population in the vicinity of the DPW. Economic losses due to such a storm would be moderate.

**Bogota Borough**

The Borough of Bogota has identified one critical facility, the Amerada Hess Storage Facility. This facility is located in a flood plan or flood prone area and has experienced some limited flood damage in the past. It is also located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the storage facility. Economic losses due to such a storm would be moderate.

**Carlstadt Borough**

The Borough of Carlstadt has identified 13 critical facilities, including 6 new facilities added to the Plan update. In addition, the Altra facility, the Lincoln School, Sandcastle Day Care and the Washington School were closed and have been removed from the Plan update.

The Carlstadt Civic Center and Ambulance HQ has been updated to reflect its vulnerability to winter storms. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Carlstadt Pump Station #3- Industrial Road (formerly Pump Station #1) has been updated to reflect its vulnerability to flooding, storm surge, and winter storms. It is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is located in a storm surge area for a Category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Carlstadt Pump Station #2- Barell Ave. has been updated to reflect its vulnerability to flooding, storm surge, landslide and winter storms. It is located in a floodplain or flood prone area and has experienced some limited flood damage in the past. The facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Carlstadt Town Hall Complex is not vulnerable to any natural hazards.

Carlstadt Public School (formerly known as Lindbergh School) has been updated to reflect that it is not vulnerable to any natural hazards.

Stop & Shop #831 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This store is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the store, or economic losses would be substantial.

Sun Chemical is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Carlstadt Pump Station #1- Jony Drive\* is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. This facility does not meet the current fire code, is in/ adjacent to large vegetated areas, and has inadequate access and/or separation from other structures.

Carlstadt Presbyterian Church\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be



moderate. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Carlstadt Public Library\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Carlstadt Turnverein Inc.\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

PSE&G Substation\* is located in a flood plan or flood prone area and has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Carlstadt Public Works\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is located in a flood plan or flood prone area and has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Williams Transcontinental Pipeline\* is located in a floodplain or flood prone area but has no prior history of flood damage.

### **Cliffside Park Borough**

The Borough of Cliffside Park has identified 11 critical facilities.

The Cliffside Parks Public Works facility has been removed, and the Cliffside Park DPW Annex has been added in this Plan update. The Cliffside Park Borough Hall is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Cliffside Park DPW Annex\* is vulnerable to winter storms, in that such storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Cliffside Park High School is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the high school. Economic losses due to such a storm would be substantial.

The Cliffside Park Housing Authority is served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Cliffside Park Library is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Epiphany Church is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The church is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the high school. Economic losses due to such a storm would be substantial.

PS#3, PS#4, PS#5 and PS#6 are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these schools. Economic losses due to such a storm would be moderate.

The Verizon Sub-station is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the sub-station, or economic losses would be moderate.

### **Closter Borough**

The Borough of Closter has identified 10 critical facilities.

The Closter Borough Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is located in a flood plan or flood prone area and has experienced some limited flood damage in the past.

The Closter DPW Headquarters is located in a floodplain or flood prone area but has no prior history of flood damage.

The Closter EMS Headquarters is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Closter Fire Headquarters is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Hillside School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Rockland Electric Substation is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Spectrum for Living has been updated to reflect increased vulnerability to high winds. The facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Spectrum for Living- VanSciver is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Tenakill School is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Verizon Central Office is not vulnerable to any natural hazards.

### **Cresskill Borough**

The Borough of Cresskill has identified five critical facilities.

The Cresskill Ambulance Station is located in a floodplain or flood prone area but has no prior history of flood damage.

Cresskill High School is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Electric Substation, Cresskill Fire Station and Cresskill Public Works Building are located in a floodplain or flood prone area but have no prior history of flood damage.

### **Demarest Borough**

The Borough of Demarest has identified 24 critical facilities.

The Academy of Holy Angels Shelter and School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The school is served by a water supply that is likely to fail under severe drought conditions. The school meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Anderson Avenue from start to end meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Anderson Avenue is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the roadway. Economic losses due to such a storm would be moderate.

The Demarest Borough Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

County Road from start to end meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. County Road is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the roadway. Economic losses due to such a storm would be moderate.

County Road School and Demarest Cooperative Nursery are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These schools are served by a water supply that is likely to fail under severe drought conditions. These schools meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these schools. Economic losses due to such a storm would be moderate.

The Demarest Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Demarest DPW is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The DPW is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Demarest Fire Department is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The facility is served by a water supply that is likely to fail under severe drought conditions. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Demarest Middle School and Shelter is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The school is served by a water supply that is likely to fail under severe drought conditions. The school meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Demarest Police Department is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the police department, or economic losses would be moderate.

Hardenburgh Avenue from start to end meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Hardenburgh Avenue is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the roadway. Economic losses due to such a storm would be moderate.

The Hardenburgh Avenue Bridge meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The bridge is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the bridge, or economic losses would be moderate.

The Hardenburgh Avenue Dam is in a floodplain or flood prone area and has experienced significant flood damage, or the structure is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the dam, or economic losses would be moderate.

Knickerbocker Road from start to end is located in a floodplain or flood prone area but has no prior history of flood damage.

Luther Lee Emerson School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The school is served by a water supply that is likely to fail under severe drought conditions. The school meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Northern Valley Catholic Academy is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The school is served by a water supply that is likely to fail under severe drought conditions. The school meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk

to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Northern Valley Regional High School and Shelter is vulnerable to high winds due to wall opening size or lack of protection, roof configuration, and/or several nearby trees; high essential external equipment is vulnerable. The school is served by a water supply that is likely to fail under severe drought conditions. The school meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Piermont Road from start to end meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Piermont Road is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the roadway. Economic losses due to such a storm would be moderate.

### **Dumont Borough**

The Borough of Dumont has identified 23 critical facilities, three of which were added for this Plan update.

The Pump Station at Wareham Road has been closed and removed from the Plan. The Dumont Borough Hall is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the Borough Hall or economic losses would be moderate.

The Verizon Central Office has been updated to reflect increased vulnerability to winter storms. This facility is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

The Dumont DPW Building has been updated to reflect increased vulnerability to winter storms. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the Borough Hall or economic losses would be moderate.

Dumont Fire Cos. #1 and #3 are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the fire stations or economic losses would be moderate.

Dumont Fire Company #2 has been updated to reflect an increase in vulnerability to flooding. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. This facility is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the fire station or economic losses would be moderate.

Dumont High School is vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of the high school. Economic losses due to such a storm would be substantial.

The Dumont Independent Hose Co. is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the fire station or economic losses would be moderate.

The Dumont Police Department is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility or economic losses would be moderate.

Volunteer Ambulance Corp has been updated to reflect increased vulnerability to flooding. This facility is located in a floodplain or flood prone area and has experienced significant flood damage or the property is an NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility or economic losses would be moderate.

Grant, Honiss, and Lincoln Schools are vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these schools. Economic losses due to such a storm would be substantial.

PSE&G Dumont Substation- Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the substation or economic losses would be moderate.

The Pump Stations at 1<sup>st</sup> Street and 2<sup>nd</sup> Street are not vulnerable to any natural hazards.

The Pump Station at Concord Street is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility, or economic losses would be moderate.

The Pump Station at White Beeches Drive has been updated to reflect increased vulnerability to flooding. It is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The facility is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these pump stations, or economic losses would be moderate.

The Pump Station at Lafayette Street has been updated to reflect increased vulnerability to high winds. It is slightly vulnerable to high winds, the wall opening size or lack of protection may cause window or door failure; external equipment is also vulnerable. The facility is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these pump stations, or economic losses would be moderate.

The Selzer School is vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of the school. Economic losses due to such a storm would be substantial.

St. Mary's Senior Residence Inc.\* is not vulnerable to any natural hazards.

David F. Roach Apartments\* are not vulnerable to any natural hazards.

94/95 Schraalenburgh Way Senior Housing\* is located in a floodplain or flood prone area and has experienced some limited flood damage in the past.

### **East Rutherford Borough**

The Borough of East Rutherford has identified 22 critical facilities.

The Alfred Faust Intermediate School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is located in a floodplain or flood prone area but has no prior history of flood damage. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Boiling Springs Gardens is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Continental Airlines Arena is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the arena, or economic losses would be moderate.

The East Rutherford Building Department is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The building department is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The East Rutherford Department of Public Works is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The DPW is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The DPW is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The DPW is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the DPW, or economic losses would be moderate.



The East Rutherford Fire Department at Grove Street is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The fire station is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the station, or economic losses would be moderate.

The East Rutherford Fire Department- Station #13 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The station is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the station, or economic losses would be moderate.

The East Rutherford Fire Department- Carlton Hill Firehouse is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The firehouse is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The firehouse is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the firehouse. Economic losses due to such a storm would be moderate.

The East Rutherford Municipal Building is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The municipal building is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the building. Economic losses due to such a storm would be moderate.

The East Rutherford Police Headquarters is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The police headquarters is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The East Rutherford Sewage Authority Lift Station is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The lift

station is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage.

The East Rutherford Sewage Authority Pump Station is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The station is located in a floodplain or flood prone area but has no prior history of flood damage. The pump station is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the pump station, or economic losses would be moderate.

The Federal Reserve Bank is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The bank is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the bank, or economic losses would be moderate.

Giants Stadium is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the stadium, or economic losses would be moderate.

Henry Beacon Regional High School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The high school is located in a floodplain or flood prone area but has no prior history of flood damage. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the high school. Economic losses due to such a storm would be moderate.

McKenzie School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is located in a floodplain or flood prone area but has no prior history of flood damage. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Meadowlands Race Track is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the track, or economic losses would be moderate.

The NJSEA Fire Station is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The fire station is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the fire station, or economic losses would be moderate.

The PSE&G Substation is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. The substation is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The PSE&G Switching Station is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

St. Joseph's Church School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Williams Gas Pipeline Valve Station is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The station is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the station, or economic losses would be moderate.

### **Edgewater Borough**

The Borough of Edgewater has identified 33 critical facilities, six of which have been added for this Plan update.

The American Legion Hall is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the hall, or economic losses would be moderate.

The Colony Community Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The community center is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the center. Economic losses due to such a storm would be moderate.

The Edgewater DPW and DPW Annex are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. They meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The DPW and DPW Annex are in a floodplain or flood prone area and have experienced some limited flood damage in the past. The facilities are also located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Edgewater Community Center meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The center is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the center. Economic losses due to such a storm would be moderate.

The Edgewater Library meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The department is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the library. Economic losses due to such a storm would be moderate.

The Edgewater Municipal Building meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The building is located in a floodplain or flood prone area but has no prior history of flood damage. The municipal building is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the municipal building. Economic losses due to such a storm would be moderate.

The Edgewater Fire Department is located in a floodplain or flood prone area but has no prior history of flood damage.

The Edgewater Post Office is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment

is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Edgewater Senior Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The center is located in a floodplain or flood prone area but has no prior history of flood damage. The center is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Edgewater Volunteer First Aid Squad meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The squad is in a floodplain or flood prone area and has experienced some limited flood damage in the past. The facility is also located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the squad. Economic losses due to such a storm would be moderate.

The Edgewater Volunteer Fire Department Co. #1 is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the firehouse. Economic losses due to such a storm would be moderate.

The EVG School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is located in a floodplain or flood prone area but has no prior history of flood damage. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

First Presbyterian Church is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the church. Economic losses due to such a storm would be moderate.

George Washington School is in a floodplain or flood prone area and has experienced some limited flood damage in the past. The school is also located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose

a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Grand Cove Marina is located in a floodplain or flood prone area but has no prior history of flood damage. The marina is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the marina. Economic losses due to such a storm would be moderate.

Hess Oil is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Holy Rosary Church meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The church is located in a floodplain or flood prone area but has no prior history of flood damage. The church is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the church. Economic losses due to such a storm would be moderate.

The Edgewater Water Pollution Control Facility (formerly Main Sewer Plant) has been updated to reflect decreased vulnerability to high winds and fire, and increased vulnerability to flooding, earthquake and storm surge. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The plant is located in a floodplain or flood prone area and has experienced some limited flood damage in the past. The plant is also located in an area considered as high earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake building codes. The plant is in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the sewer plant. Economic losses due to such a storm would be moderate.

Mitsuwa is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facility is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Montessori School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is also located in an area considered as

low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Palisade Learning Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is served by a water supply that is likely to fail under severe drought conditions. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is in a floodplain or flood prone area and has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Prime Time Learning Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The school is located in a floodplain or flood prone area but has no prior history of flood damage. The school is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Sewer Plant #3 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is in a floodplain or flood prone area and has experienced some limited flood damage in the past. This facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Sunrise Assisted Living is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is in a floodplain or flood prone area and has experienced some limited flood damage in the past. This facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Transco Gas Pipeline meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The pipeline is located in an area considered as moderate earthquake risk, and has not been constructed/ retrofitted to comply with current earthquake codes.

Waterford Towers is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facility is in a floodplain or flood prone area and has experienced some limited flood damage in the past. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Edgewater Borough Hall and Police Department\*, the Comfort Inn Motel\*, and the Edgewater Multi-Plex\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facilities are in a floodplain or flood prone area and have experienced some limited flood damage in the past. The facilities are also located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facilities. Economic losses due to such a storm would be moderate.

Lord's Grace Church\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The church is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the church. Economic losses due to such a storm would be moderate.

Edgewater Pathmark/Pharmacy\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facility is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Duane Reade Pharmacy\* is located in a floodplain or flood prone area but has no prior history of flood damage. The facility is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

### **Elmwood Park Borough**

The Borough of Elmwood Park has identified 22 critical facilities, one of which was removed for this Plan update. The Sewer Pumping Station at Slater Ave. has been closed.



The Elmwood Park 16<sup>th</sup> Avenue School is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Elmwood Park DPW Building/Yard is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Elmwood Park Fire Co. #1, #2, #3 and #4 are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the firehouses. Economic losses due to such a storm would be moderate.

The Elmwood Park Gantner Avenue and Gilbert Avenue Schools are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the schools. Economic losses due to such a storm would be moderate.

The Elmwood Park Memorial High School is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the high school. Economic losses due to such a storm would be moderate.

The Elmwood Park Police Department/Borough Hall is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Elmwood Park Recreation Center is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the recreation center. Economic losses due to such a storm would be moderate.

The Elmwood Park Volunteer Ambulance Corp. is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Elmwood Park Water Distribution Center meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The New Jersey Believers Church and Presbyterian Church are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these churches, or economic losses would be moderate.

Prime Energy Co-Generation is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Parkview Avenue and Martha Avenue Sewer Pumping Stations are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Slater Avenue and Market Street Pumping Stations are not vulnerable to any natural hazards.

The River Drive Pumping Station is located in a floodplain or flood prone area but has no prior history of flood damage.

St. Leo Church and School is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the church and school. Economic losses due to such a storm would be moderate.

### **Emerson Borough**

The Borough of Emerson has identified 11 critical facilities.

The Public Service Gas Metering Station has been updated to reflect an increase in vulnerability to high winds, earthquake and winter storm. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Emerson Borough Hall/Police Station/EOC and Emerson Fire House are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Armenian Home has been updated to reflect an increase in vulnerability to earthquakes. It is vulnerable to high winds due to wall opening size/ lack of protection which may cause window/door failure; essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Villano Elementary School has been updated to reflect increased vulnerability to winter storms. It is vulnerable to high winds due to wall opening size/ lack of protection which may cause window/door failure; essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of the school. Economic losses due to such a storm would be substantial.

Assumption Academy School and the Emerson Department of Public Works are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Emeritus at Emerson (formerly The Gardens at Emerson) has been updated to reflect increased vulnerability to earthquakes. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Emerson Junior & Senior High School and Memorial School have been updated to reflect an increase in vulnerability to winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the schools. Economic losses due to such a storm would be substantial.

Emerson Health Care has been updated to reflect increased vulnerability to earthquakes. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is in an area considered as moderate earthquake risk and has not been constructed/retrofitted to comply with the current earthquake code. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Englewood City**

The City of Englewood has identified 60 critical facilities, including 34 that have been added to the Plan update.

The Ability School, the Lillian Booth Actor's Home (formerly the Actor Funds Nursing Home), the Bergen Family Center and the City of Englewood Public Library have been updated to reflect increased vulnerability to high winds and winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Cleveland Elementary School, the Donal Quarles Elementary School, and the Dwight Morrow High School/Englewood Academies have been updated to reflect an increased vulnerability to winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Elizabeth Morrow School, Englewood Hospital and Medical Center and the Englewood City Hall have been updated to reflect increased vulnerability to high winds and winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Genesis Health Care-Englemoor Center (formerly Englemoor Nursing Home) has been updated to reflect an increase in vulnerability to winter storms. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Englewood Field Club is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

The Englewood Fire Department and Police Department have been updated to reflect an increase in vulnerability to winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Metropolitan Medical Associates is not vulnerable to any natural hazards.

Infant and Toddler Daycare (formerly The Infant Senior Sharing Project), the Montessori Early Learning Center, and the Moriah School have been updated to reflect increased vulnerability to high winds and winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Russell Major Liberty School has been updated to reflect increased vulnerability to winter storms. The school is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Saddle Acres Day Care is not vulnerable to any natural hazards.

Vincent K. Tibbs Childcare Development Center, the Westside Infant Day Care, and the Yeshiva Ohn Halamud of Englewood (formerly the Yeshiva School of Englewood) have been updated to reflect increased vulnerability to high winds and winter storms. These facilities are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to

up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Winton White Stadium has been updated to reflect a decrease in vulnerability to high winds. The Stadium is not vulnerable to any natural hazards.

Dwight Englewood School\*, Dwight Englewood School Communications Tower\*, Janis E. Dismis Middle School\* and Dr. John Grieco Elementary School\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Pump Stations at Cedar Lane\*, Mackay Park\*, Morris Park\*, and West Sheffield Ave\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Rite Aid Pharmacy\*, Pastor Pharmacy\*, Liberty Pharmacy\* and Buckley's Drug Store and Company\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Englewood Communications Center\*, Department of Public Works\*, Emergency Operations Center\*, Health Department\* and Municipal Court\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Englewood Hospital Communications Tower\*, Englewood Police HQ Communications Tower\*, Englewood Hospital Emergency Medical Services HQ\* and Englewood Volunteer Ambulance Corps HQ\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

E.A.G.L.E. Initiative Alternative\*, Englewood on the Palisades Charter School\*, Garrity Field Helicopter Landing Site\*, Mackay Field Helicopter Landing Site\*, and John T. Wright Ice Arena\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Kid Nation Daycare & Learning\*, PSE&G Sub Station\*, U.S. Post Office at Engle Street\* and U.S. Post Office at Smith Street\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Lincoln Elementary School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable.

Route 4\* and Route I-95\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These roadways are located in a flood plain or flood prone area but have no prior history of flood damage.

Shop Rite Pharmacy\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is in a flood plain or flood prone area and has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Englewood Cliffs Borough**

The Borough of Englewood Cliffs has identified 21 critical facilities.

The Borough Hall Court and Police Facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Citibank is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

CNBC is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Communication Tower is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Englewood Cliffs Department of Public Works and Englewood Cliffs Fire Department are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Japanese Children's Society is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The North Cliffs School is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The PSE&G Substation is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Chestnut Street, Hollywood Avenue Jane Drive, Lyncrest Road, and Roberts Road Pump Stations are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The pump stations are in a known floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

St. Michael's Villa is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility is in an area considered as low earthquake risk, or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

St. Peter's College is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The college is in an area considered as low earthquake risk, or has been constructed/ retrofitted to comply with the current earthquake building codes. The college is on a sloping or waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up

to 25% of the population in the vicinity of the college. Economic losses due to such a storm would be moderate.

Unilever Best Foods is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is in a known floodplain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Unilever Best Foods NA is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The United Water Tower is vulnerable to high winds due to wall opening size/lack of protection, roof configuration and/or several nearby trees; essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Upper School is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Englewood Cliffs Volunteer Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window or door failure, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Fair Lawn Borough**

The Borough of Fair Lawn has identified 70 critical facilities.

The Board of Education Maintenance Facility, The Fair Lawn Ambulance Corps, the Fair Lawn Police/PBA Building, the Fair Lawn Cadmus House, the Fair Lawn Community Center and the Fair Lawn Community School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Broadway Train Station is not vulnerable to any natural hazards.



The Fair Lawn DPW Complex and Fair Lawn Parks Building are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These structures are in a known floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Fire Companies #1, 2 and 4, the Fair Lawn High School, the Fair Lawn Municipal Building/Police Department and the Fair Lawn Rescue Squad are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Fair Lawn Fire Co. #3 is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Fair Lawn Memorial Pool is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property.

The Fair Lawn Public Library and Senior Center are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities are located in a storm surge area for a category 4 or 5 hurricane, or are located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Brennan Court Sewer Facility, the Fair Lawn Water facility #28, and the Williams Transco Gas Pipeline are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Sewer Facilities at Chittenden Road and Mandon Place, the Fair Lawn Walsh pool, and the Gordon Place Water Tower are not vulnerable to any natural hazards.

The Fair Lawn Sewer Facilities at Canger Place, River Road and Saddle River Road are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities are in a floodplain or flood prone area but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Department and the Water Facilities #10, 14, 5 and 8 are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Fisher Scientific, the Forest School, the Lyncrest School, and the Maple Glen Nursing Home are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Facilities #2, 7 and the facility at Dunderhook Road are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Facilities #15, 17 and the facility at Wagaraw Road are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities are in a floodplain or flood prone area but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Facilities #12, 25, 9, and the facility at 11<sup>th</sup> Street are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The PSE&G Substations at Legion, Nevins Road and Warren Point and the Radburn Train Station at Pollitt Drive are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Facility #11 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions.

The Fair Lawn Water Facility #16 is served by a water supply that is likely to fail under severe drought conditions. This facility is in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Fair Lawn Water Facility #19 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is in a floodplain or flood prone area but has no prior history of flood damage. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Medco Health Systems, the Milnes School, The Radburn School and Nabisco Kraft Foods are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

St. Anne's Church, St. Anne's School, Valley Hospital Renal Care Center, the Warren Pint School, and Westmoreland School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Memorial Junior High School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This school is served by a water supply that is likely to fail under severe drought conditions. The school is in a flood plain or flood prone area and has experienced significant flood damage in the past. This property may also be a NFIP repetitive loss property. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the school. Economic losses due to such a storm would be substantial.

The Parks and Recreation Garage is located in a flood plain or flood prone area and has experienced significant flood damage in the past. This property may also be a NFIP repetitive loss property. The garage is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Thomas Jefferson Middle School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. The school is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a

health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

Well House is located in a floodplain or flood prone area and has experienced some limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

### **Fairview Borough**

The Borough of Fairview has identified seven critical facilities, including six that are new to this Plan update.

The Department of Public Works is served by a water supply that is likely to fail under severe drought conditions. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. It is located in a floodplain or flood prone area and has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The United Water Holding Tank\* and the PSE&G Transformer Station\* are not vulnerable to any natural hazards.

The Walker St. Firehouse\* is slightly vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Public Works Facility\* is slightly vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Sedore Ave. Firehouse\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the firehouse. Economic losses due to such a storm would be moderate.

The Fairview Police Department/Municipal Complex\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the complex. Economic losses due to such a storm would be moderate. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

**Fort Lee Borough**

The Borough of Fort Lee has identified 48 critical facilities, including one new facility added for this Plan update.

The 12<sup>th</sup> Street Pump Station, The DPW, Fort Lee High School, the Jewish Community Center, and the OEM Office are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

505 North Avenue, the Church of the Good Shepard and the Fort Lee Borough Hall are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The Advent Lutheran Church, the Board of Education, the Judge Moor House, and the Madonna Chapel are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The George Washington Bridge, the Holy Trinity Church and School, and the Madonna Church and School, and the New Synagogue of Fort Lee are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Firehouse #3 and the Fort Lee Range are not vulnerable to any natural hazards.

Firehouse #1, the Ambulance Corp., and Public School #2 - Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Port Authority, the Post Office, the Public Library, the Horizon Road Pump Station, the Stillwell Avenue Pump Station, the Senior Citizens Center, the Verizon Substation and the Youth Center are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The Lewis Cole Middle School and the Palisades Terrace Pump Station are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a

health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bluff Road Pump Station is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Firehouse #2 is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

Firehouse #4 is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Fort Lee Historical Park is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone.

The Fort Lee Parking Authority is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone.

The Police Department, Public School #1, and the Malcolm Towers Senior Housing are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Parks and Recreation Office is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The PSE&G Substation is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The substation meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. These facilities are in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake

building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Public School #2 is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Public School #3 is in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Valley Street Pump Station is in a flood plain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The Main Street Pump Station is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. It is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Recreation Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The center is located in a flood plain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Fort Lee Community Center\* is not vulnerable to any natural hazards.

### **Franklin Lakes Borough**

The Borough of Franklin Lakes has identified 16 critical facilities, including two new facilities added for this Plan update.

The High Mountain Road School is not vulnerable to any natural hazards.

The Emergency Operations Center (formerly Fire Headquarters) has been updated to reflect increased vulnerability to high winds and winter storms. This facility is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

The Franklin Lakes Road Firehouse (formerly the Southside Firehouse) has been updated to reflect an increase in vulnerability to high winds and winter storms. This facility is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

Becton Dickson and Co. meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Colonial Road School, Woodside Avenue Grammar School and Franklin Avenue Middle School are each served by a water supply that is likely to fail under severe drought conditions. These schools are each located in an area considered as moderate earthquake risk, and have not been constructed/retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of each of the schools. Economic losses due to such a storm would be moderate.

The Franklin Lakes DPW is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is served by a water supply that is likely to fail under severe drought conditions. This facility is located in an area considered as moderate earthquake risk, and has not been constructed/retrofitted to comply with current earthquake codes.

The Franklin Lake Police Department has been updated to reflect an increase in vulnerability to high winds and winter storms. This facility is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The police department is served by a water supply that is likely to fail under severe drought conditions. This facility is located in an area considered as moderate earthquake risk, and have not been constructed/retrofitted to comply with current earthquake codes. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

The Franklin Lakes Borough Hall has been updated to reflect an increase in vulnerability to high winds and winter storms. This facility is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The Borough Hall is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

The Franklin Lakes Public Library is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of the library, or possible economic losses would be substantial.



The Franklin Lakes Volunteer Ambulance Building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Medco Health Solutions is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility served by a water supply that is likely to fail under severe drought conditions. The facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Ramapo Regional High School is located in an area considered as moderate earthquake risk, and have not been constructed/ retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the high school. Economic losses due to such a storm would be moderate.

The Haledon Dam\* is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

Franklin Ave. Firehouse\* is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe.

### **Garfield City**

The City of Garfield has identified 40 critical facilities, including 7 newly added facilities, and 4 facilities that have moved from Garfield or closed. The following critical facilities are not vulnerable to any natural hazards:

1. Belmont Gardens
2. Garfield Boys & Girls Club
3. Garfield DPW
4. Garfield Health Department
5. Garfield Public Safety Building
6. Garfield Recreation Center
7. Garfield Senior Center
8. Garfield Water Works Botany Street Pump Station
9. Garfield Water Works Water Storage Tanks
10. Garfield Water Works Well 1A
11. Daniel P. Conte Court Complex
12. Garfield City Hall

13. Garfield Communications Building
14. Garfield Fire Companies #1, 2, 3 and 5
15. Garfield Police Department
16. Garfield Senior Housing
17. Golden Age Tower
18. Muscarelle Day Care Center
19. The YMCA/Bright Beginnings Day Care Center

The Federation of Multicultural Programs of NJ, Garfield Volunteer Ambulance Corp, Northeast Christian Academy and PSCH Group Home have closed or relocated from Garfield.

The Garfield (formerly NIPD-NJ) Group Home has been updated to reflect an increase in vulnerability to high winds, fire and winter storms. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Garfield Fire Company #4 is located in a floodplain or flood prone area, but has no prior history of flood damage.

Garfield High School, Garfield Middle School, and the Pre-School Annex are each vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of each of the schools. Economic losses due to such a storm would be moderate.

The following public schools in Garfield are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of each of the schools. Economic losses due to such a storm would be moderate:

1. Public School #4
2. Public School #4 Annex
3. Public School #5
4. Public School #6
5. Public School #7
6. Public School #8
7. Public School #10

The PSE&G Electric Substation is vulnerable to high winds due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. This facility is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The substation is located in a category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage.

The Reed Academy is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of the school. Economic losses due to such a storm would be moderate.

The Bergen Arts/Sciences Charter School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Kidz University\* is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Three Saints Church Annex Pre-School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Holy Trinity School Annex Pre-School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Happy Times Day Care Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

Susana's Day care Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

New Concepts for Living\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This building meets the current code and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an

avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

### **Glen Rock Borough**

The Borough of Glen Rock has identified two critical facilities.

The Municipal Complex is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the facility. Economic losses due to such a storm would be moderate.

The Ridgewood Pollution Plant is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The plant is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the plant. Economic losses due to such a storm would be moderate.

### **Hackensack City**

The City of Hackensack has identified five critical facilities. Additionally, Bergen County has identified 14 critical facilities located in the City of Hackensack, including 10 which are new to this Update. These will be discussed first, followed by the critical facilities identified by the City of Hackensack. The Bergen County DPW Operations facility has been relocated to Paramus (Bergen County DPW Operations and Mosquito Control Division). The Bergen County Police Headquarters has also been relocated from Hackensack to Paramus

The Bergen County Administration Garage is located in a floodplain or flood prone area, and has and has experienced limited flood damage in the past. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

Bergen County Academies\* and Bergen County Administration Building (formerly known as One BC Plaza) are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are located in a floodplain or flood prone area, and have experienced limited flood damage in the past. They are located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bergen County Justice Center and Bergen County Central Municipal Court\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are located in a flood plain or flood prone area but have no prior history of flood damage. They are located

in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bergen County Maintenance Garage and Fuel Storage\* and the Bergen County Agency Building (New)\* are located in a flood plain or flood prone area but have no prior history of flood damage. They are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bergen County Probation Division\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Bergen County Jail & Bureau of Criminal Investigation Unit (BCI) (formerly known as Bergen County Jail Annex) and the Bergen County Housing, Health & Human Services Center\* are located in a floodplain or flood prone area, and have experienced limited flood damage in the past. They are located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bergen County Senior Center and Addiction Recovery Program\* is located in a flood plain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County Conklin Youth Center\* is located in a flood plain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

The Bergen Community College Ciarco Learning Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County Police-Patrol Unit\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility located in a floodplain or flood prone area, and has and

has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Ever Ready Oil is located in a flood plain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

PSE&G is located in a floodplain or flood prone area, and has and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Hackensack Department of Public Works and PSE&G Substation are each located in a flood plain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

Regent Care is located in a flood plain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

#### **Harrington Park Borough**

The Borough of Harrington Park has identified eight critical facilities.

The Community Church and Shelter, and Our Lady of Victories Church and Shelter are not vulnerable to any natural hazards.

The Harrington Park DPW Building is served by a water supply that is likely to fail under severe drought conditions. The facility is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Harrington Park Fire & Ambulance Building and Police Station are each vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Harrington Park Municipal Building is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Harrington Park Public School and Shelter, and St. Andrew's Church are each vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

### **Hasbrouck Heights Borough**

The Borough of Hasbrouck Heights has identified 12 critical facilities.

The following critical facilities are not vulnerable to any natural hazards:

1. Corpus Christi School
2. Euclid School
3. Hasbrouck Heights Junior/Senior High School
4. Hasbrouck Heights Municipal Building (and shelter)
5. Hasbrouck Heights Public Safety Building
6. Kathy Dunn Cultural Center
7. Lincoln School
8. Methodist Nursery School
9. New World Montessori School

The Franklin Sewage Pumping Station has been updated to reflect a decrease in vulnerability to high winds, drought, and flooding. This facility is located in a flood plain or flood prone area but has no prior history of flood damage.

The Hasbrouck Heights DPW Yard has been updated to reflect an increase in vulnerability to storm surge and a decrease in vulnerability to winter storms. It is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. This facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The PSE&G Power Substation is in a floodplain or flood prone area but has no prior history of flood damage.

### **Haworth Borough**

The Borough of Haworth has identified seven critical facilities.

The Haworth Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It meets current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Haworth DPW Buildings #1 and 2 each meet current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. These facilities are located in a floodplain or flood prone area, and have experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

The Haworth Fire Station is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Haworth Municipal Complex is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility is served by a water supply that is likely to fail under conditions of severe drought. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The structure is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Haworth School is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The United Water Treatment Facility and Reservoir meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The structure is in a floodplain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to greater than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond impact area/timeframe.

### **Hillsdale Borough**

The Borough of Hillsdale has identified three critical facilities.

The Hillsdale DPW is served by a water supply that is likely to fail under conditions of severe drought. The structure is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The PSE&G Electric Substation The structure is in a floodplain or flood prone area but has no prior history of flood damage. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Woodcliff Lake Dam meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced.



The dam is in a floodplain or flood prone area and has experienced limited flood damage in the past. It is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with soils prone to landslide or erosion, and/or is in a potential avalanche runout zone; with no history of damage.

### **Ho-Ho-Kus Borough**

The Borough of Ho-Ho-Kus has identified 32 critical facilities, including 2 new facilities for this Plan update.

The Bogert Road Sewer Station, the Bogert Road Well #2, the Verizon Switching Station and the Hollywood Avenue Well #1 are each located in a floodplain or flood prone area and have experienced limited flood damage in the past. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

The Brookview Sewer Station, DPW Facility, and Ho-Ho-Kus Wells #4 and #5 are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

The Cellular Tower and Train Station and Fire Alarm Audio System are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ho-Ho-Kus Ambulance Corps and the Ho-Ho-Kus Borough Hall and Shelter are each vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. The facilities are located in a floodplain or flood prone area but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Flood Monitoring Station and the Mill Road Bridge are located in a floodplain or flood prone area and have experienced significant flood damage, or the property is a NFIP repetitive loss property.

The Northwest Bergen Pump Station and the Railroad Viaduct are in a flood plain or flood prone area, and have experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Radio Communications Facility and Hollywood Avenue Well #6 are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The ECLC School is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. Winter

storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Ho-Ho-Kus Public School and Shelter is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Ho-Ho-Kus Fire Department and Ho-Ho-Kus Police Department are each vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. The facilities are located in a floodplain or flood prone area but have no prior history of flood damage. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

The Community Church and Shelter is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The church is located in a floodplain or flood prone area but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Brewster Dams are located in a floodplain or flood prone area but have no prior history of flood damage.

The Phone Trunk Station is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Hermitage is vulnerable to high winds due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. This facility does not meet the current fire code, is in/ adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ho-Ho-Kus Inn is vulnerable to high winds due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. The structure is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Maple Avenue Bridge is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

St. Bartholomew's Episcopal Church is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment

is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Water Storage System is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The East Gate Sewer Station\* is slightly vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Emergency Landing Facility\* is located in a floodplain or flood prone area but has no prior history of flood damage.

### **Leonia Borough**

The Borough of Leonia has identified eight critical facilities.

The following critical facilities are not vulnerable to any natural hazards:

1. Borough Hall
2. Leonia Recreation/Shelter
3. Leonia Senior Housing
4. Public Safety Complex

The Anna C. Scott School, the Leonia Middle School, and the St. John's School are each vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Leonia High School is located in a flood plain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Little Ferry Borough**

The Borough of Little Ferry has identified 18 critical facilities, one of which is new for this Plan update. One critical facility, Yankee Propane, has closed.

The Bergen County Utilities Authority has been updated to reflect an increase in vulnerability to flooding. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. The facility is also on a sloping or waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone.

The Early Learners Child Center has been updated to reflect a decrease in vulnerability to earthquakes, and an increase in vulnerability to storm surge. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The

structure is in a floodplain or flood prone area but has no prior history of flood damage. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Eckel Road Pump Station has been updated to reflect an increase in vulnerability to storm surge. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry DPW has been updated to reflect an increase in vulnerability to storm surge. This facility is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Hose Co. Fire Department has been updated to reflect a decrease in vulnerability to fire, and an increase in vulnerability to flooding and storm surge. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Library is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The library is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Municipal Building has been updated to reflect a decrease in vulnerability to flooding. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. . This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Nursery School has been updated to reflect an increase in vulnerability to storm surge and a decrease in vulnerability to winter storm. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The structure is in a floodplain or flood prone area but has no prior history of flood damage. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Public Safety Building has been updated to reflect an increase in vulnerability to flooding and storm surge. This building is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Losen Slote Drain Station has been updated to reflect an increase in vulnerability to fire, storm surge and winter storm, and a decrease in vulnerability to flooding. This facility does not meet current fire code, is in/ adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone.

The Maiden Lane Drain Station, the Union Avenue Pump Station, the Williams Street Drainage Station and the Main & Franklin Pump Station are each located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

The Main Street Pump Station is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. The pump station is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of each of these facilities. Economic losses due to such a storm would be moderate.

The Memorial School and Washington School have both been updated to reflect an increase in vulnerability to flooding and storm surge, and a decrease in vulnerability to winter storm. These facilities are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or

separation from nearby structures increases fire risk. Each structure is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facilities are located in a storm surge zone for a Category 3 hurricane or are located just inside a designated tsunami risk zone, but have no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Public Service Electric has been updated to reflect an increase in vulnerability to flooding. It is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Scientific Design is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Willow Lake Pump Station has been updated to reflect an increase in vulnerability to flooding and storm surge. It is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facilities are located in a storm surge zone for a Category 3 hurricane or are located just inside a designated tsunami risk zone, but have no prior damage. The pump station is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Depyster Creek Pump Station has been updated to reflect an increase in vulnerability to fire and flooding. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This pump station is located in a flood plain or flood prone area and has experienced limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. The pump station is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little Ferry Hook & Ladder Fire Department has been updated to reflect an increase in vulnerability to flooding and winter storm. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss

property. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

St. Margaret's of Cortona\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Lodi Borough**

The Borough of Lodi has identified six critical facilities. Additionally, Bergen County has identified one critical facility (new to this Plan update) located in the Borough of Lodi. This will be discussed first, followed by the critical facilities identified by the Borough of Lodi.

Bergen County Community Transportation/Lodi Armory\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The DPW Yard is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. The facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Lodi Borough Hall is located in a flood plain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Lodi FD Engine 614 is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Lodi Fire Headquarters is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a

health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The LVAC-Lodi EMS Headquarters is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The structure is in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Washington School is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. The facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

**Lyndhurst Township**

The Township of Lyndhurst has identified 19 critical facilities, including one new facility for this Plan update. Additionally, Bergen County has identified one critical facility (new to this Plan update) located in the Township of Lyndhurst. This will be discussed first, followed by the critical facilities identified by the Township of Lyndhurst.

Bergen Community College at the Meadowlands\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The college is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The following critical facilities are not vulnerable to any natural hazards:

1. Carucci Apartments for Seniors
2. First Care Medical Center
3. Lyndhurst Fire Department
4. Lyndhurst High School
5. Lyndhurst Police Emergency Squad
6. Omega Plastics
7. Polyurethane Specialties of Delaware
8. Sacred Heart School
9. Sacred Heart Social Center
10. South Bergen Jointure Commission
11. Lyndhurst Parks Dept. and DPW
12. Lyndhurst Police Department
13. Lyndhurst Senior Center
14. Lyndhurst Town Hall



The Lyndhurst Pump Stations #1, 2, 3 and 4 are each located in a floodplain or flood prone area, but have no prior history of flood damage. These facilities are each located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or have experienced prior surge/tsunami damage.

The Lyndhurst Emergency Operations Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

### **Mahwah Township**

The Township of Mahwah has identified 45 critical facilities. One critical facility has been removed with the closing of Ramsey Fuel Oil. Additionally, Bergen County has identified one critical facility located in the Township of Mahwah. This will be discussed first, followed by the critical facilities identified by the Township of Mahwah.

The Bergen County Public Safety Operations Center (OEM)\* is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes.

Stryker Orthopedics is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Betsy Ross School has been updated to reflect an increase in vulnerability to high winds and earthquake. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is in an area considered as moderate earthquake risk and has not been constructed/retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Deerhaven Road is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes.

The Mahwah DPW is meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The DPW is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Ford Water Wells #4 is located in a floodplain or flood prone area, but have no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. The facility is located in a

storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone.

The George Washington School has been updated to reflect increased vulnerability to earthquake. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is in an area considered as moderate earthquake risk and has not been constructed/retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

International Crossroads is served by a water supply that is likely to fail under severe drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Joyce Kilmer School has been updated to reflect an increased vulnerability to high winds, earthquake and winter storm. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as moderate earthquake risk and has not been constructed/retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Lenape Meadow School has been updated to reflect an increased vulnerability to high winds. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Mahwah Ambulance Co #1, #4, and the Mahwah Fire Company #2, 4 and 5 slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are each in an area considered as moderate earthquake risk and have not been constructed/ retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Mahwah Fire Co #3 slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as moderate earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Mahwah Fire Co #1 meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as moderate earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Mahwah High School has been updated to reflect an increased vulnerability to high winds, fire, earthquake, and decreased vulnerability to winter storm. It is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This school is served by a water supply that is likely to fail under severe drought conditions. This facility does not meet current fire code, is in/ adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. This facility is in an area considered as moderate earthquake risk and has not been constructed/retrofitted to comply with the current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Mahwah Police Department is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Mahwah Public Works Garage is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Route 202 at Brook Street and Franklin Street are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes.

Ramapo College is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Mahwah Town Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

The UPS Data Center is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

Youngs Road, Glen Gray Road and Halifax Road are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes.

The United States Liquidity Center\* and Public Safety Operations Center (OEM)\* are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes.

The East Crescent Ave. Booster Station\*, Nilsen Ave. Storage Tank and Booster Station\*, East Slope Booster Station\*, Ford Well Field\*, 1 MGT and Repeater Radio for SCADA\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These water system facilities are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Well #16\*, Well #17\*, Well #19\*, 3 MGT/Tudor Rose Booster Station\* and Campgaw Tank\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These water system facilities are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Timber Creek\*, Hearthstone Lift Station\*, Litchult Lift Station\*, Weastervelt Lift Station\*, Fyke Brook Lift Station\* and Ridge Gardens Lift Station\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These sewer system facilities are located in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Maywood Borough**

The Borough of Maywood has identified one critical facility.

The Senior Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood

damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Midland Park Borough**

The Borough of Midland Park has identified 12 critical facilities, including one new facility for this Plan update.

The Midland Park Borough Hall/Police Headquarters, Midland Park High School, Mill Gardens Assisted Living, and Midland Park Ambulance Corps are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Midland Park DPW Garage is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. It is located in a floodplain or flood prone area, but has no prior history of flood damage. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone.

The DEP Dam is served by a water supply that is likely to fail under severe drought conditions. It is located in a floodplain or flood prone area, but has no prior history of flood damage. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone.

The Godwin School and Highland School are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These schools meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Kentshire Apartments are each slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. They are located in a floodplain or flood prone area, but have no prior history of flood damage. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Verizon/T-Mobile Cell Towers are each located in a flood plain or flood prone area and have experienced limited flood damage in the past.

The Midland Park Fire Department\* is located in a floodplain or flood prone area, but has no prior history of flood damage. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up

to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Montvale Borough**

The Borough of Montvale has identified one critical facility.

The Orange/Rockland Electric Substation is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Moonachie Borough**

The Borough of Moonachie has identified 11 critical facilities.

The Civic Center has been updated to reflect an increase in vulnerability to flooding and storm surge. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Lincoln Place Pump Stations and Crest Foam have been updated to reflect an increase in vulnerability to flooding and storm surge. These facilities are located in a floodplain or flood prone area and have experienced significant flood damage, or each property is a NFIP repetitive loss property. These facilities are each located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or have experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Concord Street Pump Station has been updated to reflect an increase in vulnerability to flooding and storm surge, and a decrease in vulnerability to winter storms. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage.

The Moonachie DPW has been updated to reflect an increase in vulnerability to flooding and storm surge. It is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. The DPW is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Moonachie Road Pump Station has been updated to reflect an increase in vulnerability to flooding and storm surge, and a decrease in vulnerability to winter storms. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone.

The Moonachie Avenue Pump Station has been updated to reflect an increase in vulnerability to flooding and storm surge. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge zone for a Category 3 hurricane or is located just inside a designated tsunami risk zone, but has no prior damage.

The Moonachie Fire Department been updated to reflect an increase in vulnerability to high winds and storm surge. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Municipal Building has been updated to reflect an increase in vulnerability to flooding and storm surge. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Moonachie First Aid Squad has been updated to reflect an increase in vulnerability to flooding and storm surge. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Robert L. Craig School has been updated to reflect an increase in vulnerability to flooding and storm surge, and a decrease in vulnerability to winter storms. This facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage.

**New Milford Borough**

The Borough of New Milford has identified 22 critical facilities.

Ascension School-Transfiguration Academy, the B.F. Gibbs Public School, and the Berkley Street School are vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

The New Bridge Road Bridge is not vulnerable to any natural hazards.

The Institute for Educational Achievement and the New Milford Middle School are vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

New Bridge Road is located in a flood plain or flood prone area but has no prior history of flood damage. The roadway is located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The New Milford DPW is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The DPW facility is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

St. Joseph's School (upper grades), the Solomon Schechter Day School of Bergen County, and the Hovnanian Armenian School of NJ are vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

The New Milford High School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The high school is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The high school is located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The PSE&G Substation and Electric Switching Station is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The station is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.



The New Milford Municipal Building is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The New Milford Volunteer Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk.

The New Milford Volunteer Fire Department Company #1 and #2 are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

River Road is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. It is located in a floodplain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Sunbridge Care and Rehabilitation Center is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The United Water Resource Landscaping Yard is meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The yard is located in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

**North Arlington Borough**

The Borough of North Arlington has identified 20 critical facilities, 8 of which are new for this Plan update.

The Daniel Morris Firehouse #1 meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. The facility is on a sloping/waterside site with soils prone to landslide or erosion, and/or is in a potential avalanche runout zone; with no history of damage. It is also located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Jefferson School, North Arlington High School, and North Arlington Middle School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These schools meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk.

The North Arlington Borough Hall/Police Station is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The North Arlington DPW and North Arlington/Lyndhurst Joint Waster Water are located in a flood plain or flood prone area and have experienced limited flood damage in the past. These facilities are each located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. These facilities are on sloping/waterside sites with moderate vulnerability to landslide or erosion, and/or are near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The North Arlington Health and Senior Center is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility is served by a water supply that is likely to fail under moderate drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The PSE&G Power Sub-Station (North Arlington) is served by a water supply that is likely to fail under severe drought conditions. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

St. Paul's Church is served by a water supply that is likely to fail under severe drought conditions. The church is vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities, or possible economic losses would be substantial.

The Washington School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under moderate drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access

and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Williams Transco Natural Gas Pipeline is located in a floodplain or flood prone area, but has no prior history of flood damage.

North Arlington Fire Department #3\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

Queen of Peace Grammar School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk.

Corsi House\* is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk.

Queen of Peace Church\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk.

Schuyler Ave. Fire House\* is vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

North Arlington Little League Field\* is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

North Arlington EMS Building\* is vulnerable to high wind due to wall opening size/lack of protection, roof configuration and/or several nearby trees, and essential external equipment is vulnerable. This facility is located in a flood plain or flood prone area and has experienced limited flood damage in the past. This facility is on sloping/waterside sites with moderate vulnerability to landslide or erosion,

and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

Queen of Peace High School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Northvale Borough**

The Borough of Northvale has identified 10 critical facilities.

The following critical facilities are not vulnerable to any natural hazards:

1. Northvale Borough Hall
2. Northvale Fire Department
3. Northvale Police Department
4. Northvale Volunteer Ambulance Corps
5. Spectrum for Living
6. Tennessee Gas Pipeline

The BCUA Sanitary Sewer Pump Station and Northvale Sanitary Pump Station meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Thomas Jefferson School is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Norwood Borough**

The Borough of Norwood has identified eight critical facilities.

Buckingham at Norwood-Care and Rehab Center, the Norwood Ambulance Building and the Norwood Borough Hall are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Norwood Fire House is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a

health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Norwood DPW, Police Station, Police Station-EOC and Norwood Public School are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Oakland Borough**

The Borough of Oakland has identified six critical facilities.

None of the following critical facilities are vulnerable to natural hazards:

1. Oakland DPW Facility
2. Oakland Fire Department Station #1
3. Oakland Fire Department Station #2
4. Oakland First Aid Squad
5. Oakland Municipal Building
6. Oakland Police Headquarters

### **Old Tappan Borough**

The Borough of Old Tappan has identified 35 critical facilities.

The Bank of America, Kearny Federal Savings Bank, KinderCare Learning Center, and T. Baldwin Demarest School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Old Tappan Sewer Pump Stations #2, 3, 4, 5 and 6 are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Bi-State Plaza Shopping Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The center is served by a water supply that is likely to fail under severe drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the center. Economic losses due to such a storm would be substantial.

The Old Tappan Sewer Pump Station #1 is in a flood plain or flood prone area and has experienced limited flood damage in the past. This facility is in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Charles Dewolf Middle School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. The school is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Korean Presbyterian Church of the Palisades, the Old Tappan Senior Housing, the Old Tappan DPW, the Old Tappan First Aid Corps and the Old Tappan Fire Headquarters are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. These facilities are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Lake Tappan is served by a water supply that is likely to fail under severe drought conditions. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Lake Tappan Dam is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facility is served by a water supply that is likely to fail under severe drought conditions. This facility is in a floodplain or flood prone area but has no prior flood damage. The facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. The facility is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Northern Valley Regional High School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought

conditions. The school is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

The Tennessee Gas Pipeline and the Williams Transco Gas Pipeline are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. These facilities are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. These facilities are on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or are near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Old Tappan Borough Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is in a floodplain or flood prone area but has no prior flood damage. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Old Tappan Exxon is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in a floodplain or flood prone area but has no prior flood damage. These facilities are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Old Tappan Public Library, Prince of Peach Church, St. Pius X Church, Tom's Automotive Specialists, and Trinity Reformed Church are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. These facilities are in an area considered as low earthquake risk or have been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Old Tappan Police Headquarters is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The Police HQ is served by a water supply that is likely to fail under severe drought

conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility. Economic losses due to such a storm would be substantial.

Pearson Publishing is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Rockland Electric (Con Ed) Substation is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. This facility is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility. Economic losses due to such a storm would be substantial.

Sunrise Assisted Living is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility is served by a water supply that is likely to fail under moderate drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increases fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Oradell Borough**

The Borough of Oradell has identified five critical facilities.

The Oradell Fire Headquarters is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Oradell Public Works is in a flood plain or flood prone area and has experienced significant flood damage in the past. This property may also be a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The New Jersey Transit Bus Garage is located in a flood plain or flood prone area and has experienced significant flood damage in the past. This facility is located in an area considered as high earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake codes. This property



may also be a NFIP repetitive loss property. This facility is located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage.

The Oradell Police Headquarters and EOC are is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities. Economic losses due to such a storm would be substantial.

The PSE&G Gas Distribution Facility is in a flood plain or flood prone area and has experienced significant flood damage in the past. This property may also be a NFIP repetitive loss property. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of this facility. Economic losses due to such a storm would be substantial.

### **Palisades Park Borough**

The Borough of Palisades Park has identified 15 critical facilities.

The Palisades Park Board of Education, Palisades Park Borough Hall, Central Bible Church and First Presbyterian Church are served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Palisades Park DPW and Time Warner cable are served by a water supply that is likely to fail under moderate drought conditions. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Palisades Park Ambulance Corps, Grace Lutheran Church, Korean Presbyterian Church, Lindbergh Elementary School and Notre Dame Interparochial School are served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Palisades Park Fire House, Senior Center, Palisades Park Jr/Sr High School and St. Nichols Pre-School are served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Paramus Borough**

The Borough of Paramus has identified 32 critical facilities. Additionally, Bergen County has identified 8 critical facilities located in the Borough of Paramus, including 5 facilities which are new to this Update. These will be discussed first, followed by the critical facilities identified by the Borough of Paramus. The Bergen County Office of Emergency Management has relocated to Mahwah (see Bergen County Public Safety Operations Center-OEM).

The Bergen County Medical Examiner's Office has been updated to reflect an increase in vulnerability to earthquake, and a decrease in vulnerability to flooding. This facility is located in an area considered as

low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Bergen Regional Medical Center has been updated to reflect an increased risk of flooding, and a decreased risk of fire. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County Police Headquarters\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County Environmental Health and Special Services School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County DPW Operations and Mosquito Control Division\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Bergen Community College\* and Bergen County Special Services Schools\* are located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Bergen County Technical High School-Paramus\* is served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The following critical facilities are not vulnerable to any natural hazards:

1. Radio Antenna/Repeater Site (Fairview & Carlough)
2. Radio Antenna/Repeater Site (Garden State Plaza)
3. Radio Antenna/Repeater Site (Police HQ)

4. Radio Antenna/Repeater Site (Rescue Bldg)
5. Sewer Pump Station (Prospect Street)
6. Sewer Pump Station (Route 17)

The Paramus Ambulance Building and Emergency Operations Center have been updated to reflect an increase in vulnerability to drought and winter storm, and a decrease in vulnerability to high winds. These facilities are served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Fire Station Companies #1, 2 and 3 have been updated to reflect a decrease in vulnerability to high winds, and an increase in vulnerability to winter storm. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Fire Station Company #4 has been updated to reflect an increase in vulnerability to drought and winter storms. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Arcola Power Substation, Orchard Hills Power Substation and Paramus Park Power Substation are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Paramus Borough Hall has been updated to reflect an increase in vulnerability to drought, flooding and winter storm, and a decrease in vulnerability to high winds. These facilities are served by a water supply that is likely to fail under moderate drought conditions. The Borough Hall is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Police Headquarters have been updated to reflect an increase in vulnerability to winter storm, and a decrease in vulnerability to high winds. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Rescue Squad has been updated to reflect an increase in vulnerability to drought and winter storm. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is served by a water supply that is likely to fail under moderate drought conditions. Winter storms may

pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Paramus DPW has been updated to reflect an increase in vulnerability to drought and winter storm, and a decrease in vulnerability to high winds. It is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is served by a water supply that is likely to fail under moderate drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Radio Antenna/Repeater Site (US Cable) is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage.

The Radio Antenna/Repeater Sites at GW Cemetery, PFD #1, PFD #2 and PFD #4 are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

The Sewer Pump Stations at Grove Street and Southcrest Drive are located in a floodplain or flood prone area and have experienced limited flood damage in the past.

The Spring Valley Road Power Substation and Woodland Ave Power Substation are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Sewer Pump Station at Dunderhook Road has been updated to reflect a decrease in vulnerability to high winds. This facility is located in a floodplain or flood prone area and has experienced limited flood damage in the past.

The Sunrise Assisted Living Center is served by a water supply that is likely to fail under moderate drought conditions. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Park Ridge Borough**

The Borough of Park Ridge has identified six critical facilities.

The Park Ridge Borough Hall has been updated to reflect an increase in vulnerability to high winds, flooding and winter storm, and a decrease in vulnerability to earthquake. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is located in a

flood plain or flood prone area and has experienced significant flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The DPW/Water/Electric Department has been updated to reflect an increase in vulnerability to flooding. It is located in a floodplain or flood prone area and has experienced limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes.

The Fire Department has been updated to reflect an increase in vulnerability to flooding and winter storm. This facility is located in a floodplain or flood prone area and has experienced limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Park Ridge High School is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The Park Ridge Police Headquarters/TriBoro Radio EOC is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

Tri-Boro Ambulance has been updated to reflect an increase in vulnerability to high winds and winter storm. It is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

### **Ramsey Borough**

The Borough of Ramsey has identified 11 critical facilities, two of which are new to this Plan update.

The Ramsey Ambulance Corps is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under moderate drought conditions. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Eric Smith School and Shelter, The Ramsey Fire Department, the Ramsey Rescue Squad and Ramsey High School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are located in an area considered as low earthquake risk or have been

constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ramsey DPW Garage and Ramsey Police Department are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facilities are located in an area considered as moderate earthquake risk, and has not been constructed/ retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ramsey Municipal Building is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in an area considered as moderate earthquake risk, and has not been constructed/ retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ramsey Public Library is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The library meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

NJ Transit Train Station (Route 17)\* meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Crystal Spring Lake Dam\* is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. The facility is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. The Dam is also located in an area considered as high earthquake risk and has not been constructed/ retrofitted to comply with the current earthquake building codes. It is located on a sloping or waterside site highly vulnerable to landslide or erosion, and/or is in a predicted avalanche runout zone, or has a history of such damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

**Ridgefield Borough**

The Borough of Ridgefield has identified 24 critical facilities.

The English Neighborhood Reform Church, Ridgefield Ambulance Corps, and Ridgefield DPW are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The PSE&G Generating Station and PSE&G Substation are located in a floodplain or flood prone area, but have no prior history of flood damage.

Ridgefield Fire Houses #1 and #2 are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ridgefield Borough Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ridgefield Community Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ridgefield Fire House #3 is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Ridgefield Memorial High School, Ridgefield Bergen Boulevard School, Shaler Boulevard School, and Slocum Skews School are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The United Water Tanks and Transcontinental Pipeline are not vulnerable to any natural hazards.

The Freight Railroad (all) is located in a floodplain or flood prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The New Jersey Turnpike, and NJ State Highway 46 (all) meet the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Wolf Creek Culverts (all) are located in a flood plain or flood prone area and have experienced limited flood damage in the past. The culverts are on a sloping or waterside site highly vulnerable to landslide or erosion, and/or are in a predicted avalanche runout zone, or have a history of such damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Ridgefield Park Village**

The Village of Ridgefield has identified 21 critical facilities, including two new facilities for this Plan update.

Active Chemical Co. #4, Friendship Hook & Ladder Co. #1, and Hazelton Truck Co. #2 are vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Callahan Chemical Co. and Dowling Fuel Co. are vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. These facilities are located in a floodplain or flood prone area, but have no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Knights of Columbus, Elks Club and Police Department, Municipal Building, OEC are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Hose Co. #1, Overpeck Engine Co. #2, and Westview Hose Co. #3 are vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ridgefield Park Grant School, Lincoln School, Roosevelt School and St. Francis School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Ridgefield Park High School has been updated to reflect an increase in vulnerability to flooding. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage.



Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the high school. Economic losses due to such a storm would be moderate.

The EMS, Rescue, Fire Chiefs Backup EOC is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The NYS&W Fuel Depot is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility does not meet current fire code, is in/ adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ridgfield Park DPW is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Hanal High School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this school. Economic losses due to such a storm would be moderate.

The Emergency Operations Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this school. Economic losses due to such a storm would be moderate.

### **Ridgewood Village**

The Village of Ridgewood has identified 14 critical facilities.

The Carr Water Well System Building is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Ridgewood Fire Dept. Headquarters, Parks Building and Water Building are each located in a floodplain or flood prone area but none of the facilities has a prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Ridgewood Village Hall/Police Station is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Sewer Pump Stations at Bellair Road, Franklin Turnpike and Lake Avenue are each located in a floodplain or flood prone area but none of the facilities has a prior history of flood damage.

The Water Well Pumps at Grove Street, Lakeview Drive, Linwood & Northern Parkway, Ridgewood Avenue, Saddle River Road and Spring Street are located in a floodplain or flood prone area, and have experienced limited flood damage in the past.

### **River Edge Borough**

The Borough of River Edge has identified 12 critical facilities, including one new facility for this Plan update.

Cherry Hill School has been updated to reflect an increase in vulnerability to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The River Dell Middle School, River Edge Ambulance Corps and River Edge Police Department are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

PSE&G has been updated to reflect an increase in vulnerability to flooding, storm surge and winter storm. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to greater than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond impact area/timeframe.

River Edge Fire Dept. Co. #2 has been updated to reflect an increase in vulnerability to flooding and storm surge. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Roosevelt School, St. Peter's School and Yeshiva of NJ are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The River Edge Municipal Building is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is

likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Von Steuben House has been updated to reflect an increase in vulnerability to flooding and storm surge. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

River Edge Volunteer Fire Department Company #1\* is not vulnerable to any natural hazards.

### **River Vale Township**

The Township of River Vale has identified 10 critical facilities.

The Ambulance Corps, Police Headquarters, Public Works Garage and South Fire Station are each located in a floodplain or flood prone area but have no prior history of flood damage.

The Holdrum Middle School, Roberge School and Woodside School are not vulnerable to any natural hazards.

Lake Tappan and the North Fire Station are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Town Hall has been updated to reflect an increase in vulnerability to landslide. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. It is located on a sloping or waterside site highly vulnerable to landslide or erosion, and/or is in a predicted avalanche runout zone, or has a history of such damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Rochelle Park Township**

The Township of Rochelle Park has identified six critical facilities, including one new facility for this Plan update.

The Bristol Manor Nursing Home, Fire/EMS/DPW Headquarters and Ramada Inn are located in a floodplain or flood prone area and have experienced significant flood damage, or the property is a NFIP repetitive loss property. These facilities are located in an area considered as moderate earthquake risk, and has not been constructed/ retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Township Offices/EOC and Police/EOC are located in a floodplain or flood prone area and have experienced significant flood damage, or the property is a NFIP repetitive loss property. These facilities

are located in an area considered as moderate earthquake risk, and have not been constructed/retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The AT&T Communications Center\* is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility is located in an area considered as moderate earthquake risk, and has not been constructed/retrofitted to comply with current earthquake codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Rockleigh Borough**

The Borough of Rockleigh has identified one critical facility. Additionally, Bergen County has identified one critical facility (new to this Update) located in the Borough of Rockleigh. This will be discussed first, followed by the critical facilities identified by the Borough of Rockleigh.

The Bergen County Health Care Center\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. The health care center is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Jewish Home is not vulnerable to any natural hazards.

### **Rutherford Borough**

The Borough of Rutherford has identified 8 critical facilities, including 7 facilities new to this Update.

The Rutherford Police Headquarters and Emergency Operations Center (EOC) have been updated to reflect a decrease in vulnerability to winter storm. This facility is not vulnerable to any natural hazards.

The Rutherford First Aid Squad\* and Verizon Central Office\* are not vulnerable to any natural hazards.

The Rutherford Fire Department locations at Union Ave.\*, Ames Ave.\* and Mortimer Ave.\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

The Borough of Rutherford Public Works Department\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a flood plan or flood prone area and has experienced some limited flood damage in the past. It is also located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of the storage facility. Economic losses due to such a storm would be moderate.

The Rutherford Joint Meeting Sewage Pump Station\* is in an area considered as low earthquake risk or has been constructed /retrofitted to comply with the current earthquake building codes.

### **Saddle Brook Township**

The Township of Saddle Brook has identified nine critical facilities, 5 of which are new to this Update.

The Brookwood Convalescent Home, the Kessler Institute and St. Philips School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The facilities are each located in a floodplain or flood prone area and each has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Saddle Brook High School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Engine Company #2 Fire Station\* is not vulnerable to any natural hazards.

The Hook and Ladder Company #1 Fire Station\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged.

The Engine Company #1 Fire Station\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Saddle Brook Municipal Building\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Saddle Brook Police Headquarters\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

**Saddle River Borough**

The Borough of Saddle River has identified six critical facilities.

The Brighton Gardens Assisted Care Facility, Saddle River Day School and Saddle River Municipal Building are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Saddle River Public Safety Complex, Wandell School and Villa Marie Assisted Care Facility are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

**South Hackensack Township**

The Township of South Hackensack has identified 20 critical facilities, 10 of which are new to this Update.

Calicooneck Road is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Grove Street Sewage Station and Saddle River Avenue Sewage Station are each located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. These facilities are located in a storm surge area for a category 4 or 5 hurricane, or are located at the edge of a designated tsunami risk zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The J. Josephson Company has been updated to reflect an increase in vulnerability to flooding and storm surge. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Leuning Street is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This

facility is located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

Phillips Avenue is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Restaurant Depot has been updated to reflect an increased vulnerability to flooding. It meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The US Post Office has been updated to reflect an increased risk to flooding. It is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Vreeland Avenue is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Wesley Street is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Public Service Electric Sub Station\* is very likely to be damaged or destroyed in a high wind, because it is a mobile or fragile structure, or wall openings can be expected to fail. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area, and each has experienced limited flood damage in the past. It is also located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Huyler Street Pump Station\* is located in a floodplain or flood prone area but has no prior history of flood damage. It is also located in a storm surge zone for a Category 3 hurricane, or it is located just inside a designated tsunami risk zone, but has no prior damage.

Memorial Elementary School\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Town Hall Complex\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Town Hall Complex- Ambulance Service\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Town Hall Complex- Police Department\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Town Hall Complex- Senior Center\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Fire Headquarters\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.



The Department of Public Works\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Garfield Park Sewage Pumping Station\* is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. This facility's water supply is predicted to fail under moderate drought conditions, or significant water supply problems have been experienced. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Teaneck Township**

The Township of Teaneck has identified six critical facilities.

The DPW Yard does not meet the current code, and is in or adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. The plant is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The plant is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes.

The Teaneck Fire Department Headquarters does not meet the current code, is in/adjacent to vegetated areas, with access limitations/structure separation that make fire suppression difficult. The plant is also located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Holy Name Hospital is served by a water supply that is likely to fail under severe drought conditions. The hospital is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Teaneck Municipal Building is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. It does not meet the current code, and is in or adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Teaneck Police Headquarters does not meet the current code, and is in or adjacent to large vegetated areas, and has inadequate access and/or separation from other structures. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Pump Station is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. This facility is located in a storm surge area for a category 4 or 5 hurricane, or is located at the edge of a designated tsunami risk zone.

### **Tenafly Borough**

The Borough of Tenafly has identified 20 critical facilities.

The Franciscan Sisters Convent, Lubavich on the Palisades, Tenafly Borough Hall and Richard Street Sewage Pump Station are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Cell Tower is located in a floodplain or flood prone area but has no prior history of flood damage.

The Country Manor Nursing Home is in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Fiber Optic Network is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

J. Spencer Smith Elementary School, Jewish Community Center on the Palisades, Malcolm Mackay Elementary School and Ralph Maugham Elementary School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Tenafly Fire Department and Volunteer Ambulance Corps are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The SMA Fathers African Mission, Tenafly High School, Tenafly Middle School and Walter Stillman Elementary School are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Verizon Switching Center is not vulnerable to any natural hazards.

The Tenafly DPW is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Tenafly Police Department is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Teterboro Borough**

The Borough of Teterboro has identified five critical facilities. Additionally, Bergen County has identified three critical facilities located in the Borough of Teterboro, including one facility new to this Plan update. These will be discussed first, followed by the critical facilities identified by the Borough of Teterboro.

The Bergen County Animal Shelter has been updated to reflect an increase in vulnerability to high winds and earthquake, and a decrease in vulnerability to flooding and winter storm. It is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is an NFIP repetitive loss property. Winter storms pose a health/safety risk to 25-50% of the population in the vicinity of this facility, or possible economic losses would be substantial.

The Bergen County Youth Complex (JDC)\* is located in a floodplain or flood prone area but has no prior history of flood damage. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Bergen County Technical High School-Teterboro\* is located in a floodplain or food prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Teterboro Municipal Building and Teterboro Airport are located in a floodplain or food prone area and have experienced limited flood damage in the past. These facilities are located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Public Works Facility is located in a floodplain or food prone area and has experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Sewer & Storm Water Pumping Station is located in a floodplain or food prone area and has experienced limited flood damage in the past. These facilities are located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes.

**Upper Saddle River Borough**

The Borough of Upper Saddle River has identified two critical facilities, including one new facility for this Update.

The Municipal Complex is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Police Headquarters\* is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. It does not meet the current code, and is in or adjacent to large vegetated areas, and has inadequate access and/or separation from other structures.

**Waldwick Borough**

The Borough of Waldwick has identified 31 critical facilities, including one new facility for this Plan update.

The following critical facilities are not vulnerable to any natural hazards:

1. PSE&G Substation
2. Traphagen Grammar School
3. Waldwick Ambulance Corps
4. Well (Hopper Avenue)
5. Well (Malcolm Street)
6. Well (Schuler Avenue)
7. Well (W. Prospect Street.)
8. Well (Whites Lane)

The 7<sup>th</sup> Day Adventist School, Borough Administration Building, Company #2 Fire House, Crescent Grammar School and Emergency Operations Center are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Building Block Child Center, Department of Public Works, Rainbow Corners Cooperative Nursery, Small World Day Care Center, and Waldwick Middle/High School (Shelter) are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Forum School is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Crescent Avenue from start to end is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Franklin Turnpike from start to end meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Little School is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Northwest Bergen Utilities Authority is located in a floodplain or flood prone area and has experienced significant flood damage, or the property is a NFIP repetitive loss property.

Route 17 (start) is located in an area considered as low earthquake risk or has been constructed/retrofitted to comply with the current earthquake building codes. Route 17 (end) is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Village School and White Pond Dam are located in a floodplain or food prone area and have experienced limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Waldwick Fire Company #1, Waldwick Middle/High School and Police Headquarters are vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Waldwick Train Station meets current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

Wyckoff Avenue\* is not vulnerable to any natural hazards.

### **Wallington Borough**

The Borough of Wallington has identified 12 critical facilities, including 11 for this Plan update.

Farmland Dairies meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Fire House-Park Row\* and Emergency/Ambulance Building\* meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter

storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Fire/Emergency Company\* meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Water Pump Stations at Johnson Ave.\* and Paterson Ave.\* are vulnerable to winter storms, which may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities. Economic losses due to such a storm would be substantial.

The Out Building\* and Old VFW Building\* are located in a floodplain or flood prone area, and have experienced limited flood damage in the past. These facilities are located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or have experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Public Works/Library\* is located in a floodplain or flood prone area, and has experienced limited flood damage in the past. This facility is located in a Category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Police/Administration Building\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Fire House- Union Blvd.\* is located in a floodplain or flood prone area but has no prior history of flood damage. Winter storms pose a health/safety risk to more than 50% of the population in the vicinity of this facility. Economic losses due to such a storm would extend beyond the impact area/timeframe. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Municipal Offices\* are located in a floodplain or flood prone area but have no prior history of flood damage. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of these facilities. Economic losses due to such a storm would be substantial. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

### **Washington Township**

The Township of Washington has identified 11 critical facilities, including one new facility for this Plan update.

The Township of Washington Police Department Communications is vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. The facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Township of Washington Police Department has been updated to reflect a decrease in vulnerability to high winds. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Immaculate Heart Academy, Jesse F. George School and Washington School are each on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or are near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Washington DPW, Municipal Building and Volunteer Ambulance Corps are vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Washington Volunteer Fire Department has been updated to reflect a decrease in vulnerability to high winds and landslides. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The fire department meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. It is located on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or is near but not in an avalanche runout zone. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Westwood Jr./Sr. High School has been updated to reflect a decrease in vulnerability to fire and flooding. This facility is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Washington Grand\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

**Westwood Borough**

The Borough of Westwood has identified 15 critical facilities, including 14 added for this update.

The Ketler School is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. The facility is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

The Westwood Substation\* is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Kurt Versen Company\*, Lanman & Kemp-Barclay & Co.\*, and the Hackensack UMC at Pascack Valley\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk.

The Westwood Fire Department\* is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Westwood Recreational Department Pre-School\* is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. The school is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Rockland Coaches\*, Zion Lutheran Church\*, and Care One at Valley\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Westwood Regional Middle School\*, Berkeley School\* and Brookside School\* are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. They are located in a floodplain or flood prone area but have no prior history of flood damage. These facilities are served by a



water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Westwood DPW\* is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. These facilities are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Westwood Municipal Complex\* is served by a water supply that is likely to fail under severe drought conditions.

### **Woodcliff Lake Borough**

The Borough of Woodcliff Lake has identified four critical facilities, including one new facility for this Plan update.

The DPW Garage and Recycling Center is not vulnerable to any natural hazards.

The Borough Complex/Police and Fire Department are vulnerable to high winds, due to wall opening size or lack of protection, roof configuration and or several nearby trees, and essential external equipment is vulnerable. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Woodcliff Lake Reservoir Dam is located in a floodplain or flood prone area and has experienced limited flood damage in the past. The dam is on a sloping/waterside site with moderate vulnerability to landslide or erosion, and/or it is near but not in an avalanche runout zone.

The Tice Senior Center and Emergency Operations Center\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

### **Wood-Ridge Borough**

The Borough of Wood-Ridge has identified nine critical facilities.

The Pump Stations at 10<sup>th</sup> Street and Arnot Place have been updated to reflect a decrease in vulnerability to flooding. These facilities are located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes.

The Pump Station at Anderson Avenue has been updated to reflect an increase in vulnerability to storm surge. This facility is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. This pump station is located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. The facility is located in a category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage.

Assumption Church, Wood-Ridge Intermediate School (formerly the Assumption School), Catherine E. Doyle School and Wood-Ridge High School meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. These facilities are located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Wood-Ridge Borough Hall is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Wood-Ridge DPW meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. The facility is located in a floodplain or flood prone area that has experienced some limited flood damage in the past. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. The facility is located in a category 1 or 2 hurricane surge zone, or well inside a designated tsunami risk zone, or has experienced prior surge/tsunami damage. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

### **Wyckoff Township**

The Township of Wyckoff has identified 15 critical facilities, including one new facility for this Plan update.

The Christian Health Center is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility meets the current code, and is not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to 25-50% of the population in the vicinity of the School. Economic losses due to such a storm would be substantial.

The Coolidge School, Eisenhower School and Wyckoff Public Library are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are served by a water supply that is likely to fail under severe drought conditions. These facilities meet the current code, and are not close to heavily vegetated areas, but access and/or separation from nearby structures increase fire risk. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Lincoln School, Washington School and Wyckoff YMCA are served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Sicomac School is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Town Hall/Police Department/ Communication Tower, Wyckoff Ambulance Corps Building, are slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. These facilities are located in an area considered as low earthquake risk or have been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

Wyckoff Fire Co. #1 and #2 are served by a water supply that is likely to fail under severe drought conditions. These facilities are located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of these facilities. Economic losses due to such a storm would be moderate.

The Wyckoff DPW Building is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Wyckoff Fire Co. #3 is slightly vulnerable to high winds due to wall opening size or lack of protection. In addition, high winds may cause window/door failure, and essential external equipment is likely to be damaged. This facility is served by a water supply that is likely to fail under severe drought conditions. This facility is located in an area considered as low earthquake risk or has been constructed/ retrofitted to comply with the current earthquake building codes. Winter storms may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

The Cellular Tower\* is vulnerable to winter storms, which may pose a health/safety risk to up to 25% of the population in the vicinity of this facility. Economic losses due to such a storm would be moderate.

Rankings that pertain to municipal vulnerability data are detailed in **Appendix C**.