

Critical & Community Facility Vulnerability Assessment 2018

of Webster

Work Session 2

1/16/2018

COMPLETE THE GREEN HIGHLIGHTED TASKS IN 40 MINUTES

Table

Essential Facilities

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---|--|
| Town Hall/ Webster Free Public Library/ Grange Complex (~10 staff) | Wind, Storms, Lightning, Wildfire, Winter, Earthquake, Landslide, Dam Failure, Civil Disturbance |
| Public Safety Building - Police (~2 staff) & Fire (~22 + aux 8 staff) | Wind, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage, Vandalism, Civil Disturbance |
| Blackwater Dam Office (Not staffed I Webster, staffed in Franklin) | Wildfire, Earthquake, Dam Failure, Sabotage |
| | |
| Total Facilities Structure Only Replacement Value | |

Problem Statement: Town Office and Public Safety Building do not have lightning rods and surge protectors at the main electrical box source to offset lightning strikes.

Problem Statement: Town buildings and Public Safety Building are downstream of the Blackwater Dam and would be immediately engulfed in the event its failure or breach.

Problem Statement: All Town facilities, emergency response, and the Elementary school in the Town Center are clustered on Route 127 and do not have an alternate egress if there's a road closure between Clothespin Bridge and Whiteplains Road.

CONTINUED

Table

Utilities

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---------------------------------------|---|
| Pillsbury Lake Pump House and 2 Wells | Lightning, Drought, Heat (Water Quality), Earthquake, Dam Failure, Sabotage |
| Pillsbury Lake Pump House | Lightning, Drought, Heat (Water Quality), Earthquake, Dam Failure, Sabotage |
| Pillsbury Lake Pump House & 2 Wells | Lightning, Drought, Heat (Water Quality), Earthquake, Dam Failure, Sabotage |
| Eastern Properties Cell Tower | Winds, Storms, Lightning, Wildfire, Sabotage |
| US Cellular Cell Tower | Winds, Storms, Lightning, Wildfire, Sabotage |
| Eversource Power Lines | Winds, Storms, Lightning, Wildfire, Winter, Heat, Sabotage |
| Unitil Power Lines | Winds, Storms, Lightning, Wildfire, Winter, Heat, Sabotage |
| TDS Poles | Winds, Storms, Lightning, Wildfire, Sabotage |
| TDS Phone Switching Station | Wildfire, Earthquake, Landslide, Sabotage |
| TDS Phone Switching Station | Wildfire, Earthquake, Landslide, Sabotage |
| TDS Phone Switching Station | Wildfire, Earthquake, Landslide, Sabotage |
| TDS Phone Switching Station | Wildfire, Earthquake, Landslide, Sabotage |
| Municipal Solar Array | Flood, Scouring & Erosion, Lightning, Wildfire, Winter, Sabotage, Vandalism |
| | |

Electric Value provided by NHDRA 2016

Identify at least 1-2 for each Table

Problem Statement: Some of the trees that regularly fall on powerlines are located on scenic roads in Town. Power companies cannot cut back the trees on scenic roads until they fall down due to protective regulation.

Problem Statement: Water Precinct?

Problem Statement:

Table

Dams

| Facility Name | Primary Natural Hazard Vulnerabilities |
|------------------------|--|
| Blackwater Dam | Ice Jam, Scouring & Erosion, Wind, Debris Impacted Infrastructure, Earthquake, Terrorism |
| Pillsbury Lake Dam | Scouring & Erosion, Wind, Debris Impacted Infrastructure, Earthquake |
| Winnepocket Lake Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| Knight Meadow Pond Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| Farm Pond Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| McCarthy Farm Pond Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| Recreation Pond | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |

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| | |
|--------------------|--|
| Janeway Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| Diversion Pond Dam | Scouring & Erosion, Debris Impacted Infrastructure, Earthquake |
| | |

Problem Statement: **The federal Blackwater Dam mismanages the releases of Blackwater River floodwaters which affects the integrity of the banks downstream, causing erosion and trees falling, and acres of private property floods. No announcements are given when floodgates will open, resulting in a danger to river users and property owners. The natural environment suffers because of the intensity of release.**

Problem Statement: **Copies of dam management plans are needed so the Town is aware of the conditions of dams in Webster. Some conditions are unseen and may need attention.**

Table

Bridges

| Facility Name | Primary Natural Hazard Vulnerabilities* with National Bridge Inventory (NBI) Scour Critical Status |
|--------------------------------------|---|
| 066/113 (Town) | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 099/123 (State) William Tracy Bridge | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 111/081 (State) | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 121/103 (Town) | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 124/031 (State) | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 140/070 (Town) | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 066/084 (Town) in Boscawen per NHDOT | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| 068/145 (Town) in Boscawen per NHDOT | Scouring & Erosion, Wind, Earthquake, Debris, Sabotage. NBI Scour Critical Rating: Stable for extreme flood |
| Chadwick Hill (Town) | Chadwick Hill Road over _____ |
| | |

Problem Statement: **Some bridges carry the only access for travel from one area of town to the other, such as Clothespin Bridge and Route 127 over the Blackwater River.**

Problem Statement: **More expensive to upgrade bridges and guardrails to current standards.**

Problem Statement:

Table

Schools and Medical Facilities

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---|--|
| Webster K-5 Elementary School (~100 children, ~27 staff) | Flood, Wildfire, Terrorism |
| | |

Problem Statement: **The Town does not have a medical facility which is a significant problem. The ambulance must transport to Concord (18-20 miles).**

Problem Statement: **For the Elementary School to be used as an emergency shelter, a generator application is slated to be submitted for the 2021 grant round in a cooperative venture between the MVSD and Town.**

Problem Statement:

Table

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Vulnerable Populations

COMPLETE THE GREEN HIGHLIGHTED TASKS IN 40 MINUTES

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---|--|
| Young's Day Care (~4 children + ~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Public Health |
| Chris's Sunshine Day Care (~4 children + ~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Public Health |
| Pratt Day Care (~5 children + ~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Public Health |
| Austin Home (~13 beds + ~6 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Public Health |
| | |
| see also Shelters, Schools and Medical Facilities Table | |

Identify at least 1-2 for each Table

Problem Statement:

CONTINUED

Problem Statement:

Problem Statement:

Table

Economic Assets

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|--|--|
| Adam E Mock & Son Logging (~6 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Basketmaker's Shop (~3 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Bear Hill Blacksmith (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Cedar Mill Group LLC (~4 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Chuck Rose Logging (~6 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Cloverdale Feeds (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Coffin Cellars (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Don Brannigan Contractor (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Granite Roots Construction (5-10 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Mellen Company (~6 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage, Fire Explosion |
| New England Right of Way (~xx staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| NH Bowl & Bread (~2-8 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Robert's Greenhouse (~3-15 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| RT Lake General Contractor (~4 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Santa Cruz Gun Locks, LLC (~5 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Steel Umbrella (~xx staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |

USE Hazard Risk Assessment Natural Hazards (not Secondary Hazards)

*not natural but associated with Flood/Wind

- ❖ FLOOD [Floods and Flash Floods, Rapid Snow Pack Melt]
- ❖ ICE JAMS [River Ice Jams]
- ❖ SCOURING, EROSION [Riverine Scouring, Erosion, Channel Movement]
- ❖ WIND [Tornadoes, Downbursts, Hurricanes and Tropical Storms]
- ❖ STORMS [Severe Winds, Rain Storms and Thunder Storms]
- ❖ LIGHTNING
- ❖ WILDFIRE
- ❖ WINTER [Severe Winter Weather and Ice Storms]
- ❖ DROUGHT
- ❖ HEAT [Excessive Heat]
- ❖ EARTHQUAKE
- ❖ LANDSLIDE
- ❖ DAM [Dam Failure]*
- ❖ DEBRIS [Debris Impacted Infrastructure]*

USE Other Hazards if Necessary:

- ❖ HAZARDOUS MATERIALS
- ❖ PUBLIC HEALTH
- ❖ SABOTAGE, VANDALISM, CIVIL DISTURBANCE, HOSTAGE

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| | |
|--|--|
| Stevens Well and Pump (~xx staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| White Mountain Imaging (~15 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage, Fire Explosion |
| AGRICULTURAL OPERATIONS | |
| Bender Goat Farm (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Broker Tree Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Drown Dairy Farm (~6 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Fallon Honey Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| George Tree Farm (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Herrick Beef Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Kimball Sugar House (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| LaRochelle Beef and Sheep Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Milkcan Corner Farm (bluberries) (~3 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Mock Beef Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Pendleton Beef Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Piper/Miller Sugar House (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Riverfare Beef, Equine & Pork Farm (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Sussman Sheep Farm (~1 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Tyrn Sugar House (~2 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| see also Hazardous Materials Table | |

Identify at least 1-2 for each Table

Problem Statement:

Problem Statement:

CONTINUED

Problem Statement:

Table

Cemeteries and Churches

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|--|---|
| First Congregational Church and Food Pantry (~200 capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Beaverdam Cemetery | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Corser Hill Cemetery | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Private Cemetery | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Riverdale Cemetery | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |

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Identify at least 1-2 for each Table

Problem Statement:

Problem Statement:

Problem Statement:

Table

Hazardous Materials Facilities

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---|--|
| Hopkinton/ Webster Transfer Station (~5 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Rich Gagne's Auto (~3 staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Hazardous Materials, Public Health, Sabotage |
| Rose's Garage (~xx staff) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Explosion, Haz mat spill |
| Town of Webster Salt/ Sand Shed | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Explosion, Haz mat spill |
| see also Economic Assets Table | |

Identify at least 1-2 for each Table

Problem Statement:

CONTINUED

Problem Statement:

Problem Statement:

Table

Historic Sites and Buildings

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|-----------------------|---|
| Webster Meeting House | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Hymar Fire Station | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Veteran's Memorial | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| | |

Identify at least 1-2 for each Table

Problem Statement:

CONTINUED

Problem Statement:

Problem Statement:

Table

Recreational and Gathering Sites

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Facility Name | Primary Natural Hazard Vulnerabilities |
|---|---|
| Army Corp Flood Control Recreation Area | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |

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| | |
|--|--|
| Blackwater Reservoir | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Cogswell Woods Area (assessment is included in Blackwater Reservoir above) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Cozy Pond Camping Resort (~116 sites) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Gaskill Forest (Riverdale Natural Area) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Mock Forest | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Pearson Park (swimming hole) (~10 capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Pillsbury Lake Club House (~75 capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Pillsbury Lake Playground (~50 capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Webster Free Public Library (~xx capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| White Plains Road Park | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| William Pearson Memorial Baseball and Soccer Fields (~200 capacity) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide |
| Town Forest (Society for the Protection of NH Forests) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| see also Vulnerable Populations Table | |

Identify at least 1-2 for each Table

Problem Statement:
CONTINUED
Problem Statement:
Problem Statement:

Table

Future Development

IDENTIFY 3-4 MAIN Natural Hazards each Facility could be susceptible to (not human or technological unless important)

| Opportunity Name | Primary Natural Hazard Vulnerabilities |
|--|--|
| Potential or Approved Planning Board Developments | |
| Copart Development (~17 acres) | Flood, Ice Jam, Scouring & Erosion, Wind, Storms, Lightning, Wildfire, Winter, Drought, Heat, Earthquake, Landslide, Dam Failure, Debris, Hazardous Materials, Public Health, Sabotage |
| Large Lots with Development Potential (Legacy Parcels) | |
| Little Hill Road Lot (~246 acres) | Wind, Storms, Lightning, Wildfire |
| Little Hill Road Lot (~100 acres) | Wind, Storms, Lightning, Wildfire |
| Knights Meadow Rd Lot (~109 acres) | Wind, Storms, Lightning, Wildfire |
| Battle St Lot (~103 acres) | Wind, Storms, Lightning, Wildfire |
| White Plains Rd Lot (~116 acres) | Wind, Storms, Lightning, Wildfire |
| White Plains Rd Lot (~308 acres) | Wind, Storms, Lightning, Wildfire |
| Pleasant St Lot (~152 acres) | Wind, Storms, Lightning, Wildfire |

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| | |
|---|-----------------------------------|
| Little Hill Road Lot (~129 acres) | Wind, Storms, Lightning, Wildfire |
| Tyler Rd Lot (~194 acres) | Wind, Storms, Lightning, Wildfire |
| Dustin Rd Lot (~158 acres) | Wind, Storms, Lightning, Wildfire |
| Deer Meadow Rd Lot (127 acres) | Wind, Storms, Lightning, Wildfire |
| Pond Hill Rd Lot (~134 acres) | Wind, Storms, Lightning, Wildfire |
| Winnepocket Rd Lot (~100 acres) | Wind, Storms, Lightning, Wildfire |
| Clothespin Bridge Rd Lot (~160 acres) | Wind, Storms, Lightning, Wildfire |
| Call Rd Lot (~140 acres) | Wind, Storms, Lightning, Wildfire |
| Battle St Lot (115 acres) | Wind, Storms, Lightning, Wildfire |
| Tyler Rd Lot (~239 acres) | Wind, Storms, Lightning, Wildfire |
| Gerrish Rd Lot (~125 acres) | Wind, Storms, Lightning, Wildfire |
| Gerrish Rd Lot (~126 acres) | Wind, Storms, Lightning, Wildfire |
| Battle St Lot (~183 acres) | Wind, Storms, Lightning, Wildfire |
| Dustin Rd Lot (~114 acres) | Wind, Storms, Lightning, Wildfire |
| Call Rd Lot (~117 acres) | Wind, Storms, Lightning, Wildfire |
| Tyler Rd Lot (~100 acres) | Wind, Storms, Lightning, Wildfire |
| | |
| Lots for Sale | |
| Call Road Lot (~19 acres) | Wind, Storms, Lightning, Wildfire |
| Mutton Road Lot (~50 acres) | Wind, Storms, Lightning, Wildfire |
| NH Drive Lot (~1 acre) | Wind, Storms, Lightning, Wildfire |
| Mutton Road Lot (~15 acres) | Wind, Storms, Lightning, Wildfire |
| Mutton Road Lot (~22 acres) | Wind, Storms, Lightning, Wildfire |
| Manchester Dr (~16 acres) | Wind, Storms, Lightning, Wildfire |
| Clothespin Bridge Rd Lot (~85 acres) | Wind, Storms, Lightning, Wildfire |
| Call Rd Lot (~2 acres) | Wind, Storms, Lightning, Wildfire |
| Dustin Rd Lot (~4 acres) | Wind, Storms, Lightning, Wildfire |
| Battle St Lot (~1 acre) | Wind, Storms, Lightning, Wildfire |
| Little Hill Road Lot (~15 acres) | Wind, Storms, Lightning, Wildfire |
| Rumford Dr Lot (~0.5 acres) | Wind, Storms, Lightning, Wildfire |

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Identify at least 1-2 for each Table

Problem or Opportunity:

CONTINUED

Problem or Opportunity:

Problem or Opportunity:

USE Hazard Risk Assessment Natural Hazards (not Secondary Hazards)

**not natural but associated with Flood/Wind*

- ❖ FLOOD [Floods and Flash Floods, Rapid Snow Pack Melt]
- ❖ ICE JAMS [River Ice Jams]
- ❖ SCOURING, EROSION [Riverine Scouring, Erosion, Channel Movement]
- ❖ WIND [Tornadoes, Downbursts, Hurricanes and Tropical Storms]
- ❖ STORMS [Severe Winds, Rain Storms and Thunder Storms]
- ❖ LIGHTNING
- ❖ WILDFIRE
- ❖ WINTER [Severe Winter Weather and Ice Storms]
- ❖ DROUGHT
- ❖ HEAT [Excessive Heat]
- ❖ EARTHQUAKE
- ❖ LANDSLIDE
- ❖ DAM [Dam Failure]*
- ❖ DEBRIS [Debris Impacted Infrastructure]*

USE Other Hazards if Necessary:

- ❖ HAZARDOUS MATERIALS
- ❖ PUBLIC HEALTH
- ❖ SABOTAGE, VANDALISM, CIVIL DISTURBANCE, HOSTAGE