

2004 Pawtucket Hazard Mitigation Plan Risk Assessment Matrix

	Vulnerable Areas (in order of priority)	Location	Ownership	Natural Hazard	Primary Problem/Effect	Mitigation Objective	Risk H -Historical P - Potential	2010 Status C – Completed/ O – On-going/ NA – Not Addressed Include brief description
1	Flooding of Property and Critical Roads	McCoy Stadium, Grand Avenue @ London Avenue, DPW Center @ Armistice Boulevard	Public and Private	Erosion and flooding	Evacuation hindered Property and lives are at risk	Increase Safety Decrease damage to infrastructure and structures Decrease public and private costs of clean up post-disaster	H	
2	Local Bridges	1. Walcott Street (Plat 23) 2. Broadway/Route 1 (Plat 20) 3. Central Avenue (Plat 20) 4. Main Street (Plat 43) 5. Division Street (Plat 54)	Public	Flood, wind, earthquake, ice damage	Loss of life and access Disruption of evacuation routes Economic disruption	Protection of lives Secured evacuation routes	P	
3	Sanitary Sewer System	Citywide	Public	Flooding, earthquake	Structural damage Risk to public health Private property damage Disruption of essential services	Protection of infrastructure No interruption of essential services Protection of public health and safety Protection of private property Pollution prevention	H	
4	Water Supply System	Citywide	Public	Ice damage, flood, severe weather	Risk to public health Economic disruption Disruption of essential services	No interruption of essential services Protection of infrastructure Protection of public health and safety	P	
5	River Dams	Citywide and in Cumberland	Public and Private	Flooding, structural damage, ice damage, earthquake	Property and lives are at risk	Protection of property and life	P	
6	Essential Public Services	Citywide	Public	Flooding, ice damage, earthquake, severe wind	Disruption of essential services Risk to public health Property and lives are at risk	Protection of life Protection of public & private property Protection of public health and safety Improvement of service efficiency	H and P	
7	Mobile Homes	Citywide (approx. 450 homes)	Private	Flooding, ice damage, wind, earthquake	Loss of life and property Economic loss	Protection of life Protection of private property	P	
8	Industries in the Floodplain	Plat 41, 53	Private	Flood	Economic loss	Private property protection Economic Stability	H and P	
9	Public Buildings	Citywide (City Hall, Schools, High-Rise Structures)	Public	Flood, ice damage, wind, earthquake	Structural damage Loss of shelters Risk to public safety	Protection of public property Protection of life	P	
10	Private Buildings and Property	Citywide (Historic Structures, Slater Mill, High Rise Structures, Electrical Utilities Substation, wrecking yard)	Private	Flood, ice damage, wind, earthquake	Structural damage Loss of historic resources Risk to public safety	Protection of city resources Protection of life Protection of private property Protection of essential services	P	