

Appendix C

Middletown Township, Delaware County, PA  
Hazards/Vulnerability Analysis

This analysis was undertaken to develop an awareness of the potential hazards facing the citizens of the Township as a basis for planning an appropriate response at the time of an emergency. In addition to the natural and man-made emergencies and disasters that may possibly impact on Middletown Township, consideration has been given, for the first time, to terroristic events and events involving chemical, biological, radiological and other weapons of mass destruction (WMD).

<u>Type of Disaster/Emergency</u>	<u>Anticipated Probability</u>	<u>Potential Scope/Severity</u>
<u>Flooding</u>	High	Limited
Chester Creek Ridley Creek Feeder Streams	Business and residential properties PSWCo. Media Treatment Plant Flooded buildings and roads	
<u>Weather Related</u>	High	Moderate
Blizzard/Winter Storm from	Loss of electrical power, heat, inaccessible areas snow drifting, emergency food, fuel and medical supplies.	
Severe Thunder Storm, trees	Loss of power, flooding, inaccessible areas due to and wires down.	
Tornado, Hurricane		
<u>Earthquake</u>	Low	Moderate/Severe
	Mass casualties, building collapse, entrapment Loss of utilities, roadways, evacuations, sheltering mass care centers.	
<u>Fires, Explosions, Transportation Accidents, Hazardous Materials Release</u>	High	Moderate/Severe
	Fire suppression and rescue, mass casualties, hazardous materials containment, evacuations, sheltering, mass care centers,	
<u>Terroristic, WMD Event, Chemical, Biological, Radiological Release,</u>	Low	Severe
	Delayed knowledge of incident, mass casualties,	

hysteria. Overtaxed support and response system, evacuations  
mass care and sheltering, decontamination, mass

Civil Unrest, Strikes, Business Low Moderate/Severe  
Interruption, Sabotage, Enemy Attack Economic disruption, mass hysteria, mass casualties