

Appendix B
Fire Apparatus Categories

The National Incident Management System (NIMS) has developed categories of fire equipment that is exchanged via mutual aid, by capacity and/or capability. When evaluating resources, this methodology provides a means to measure adequacy and to reallocate equipment if necessary. The classifications shown below apply to the apparatus within the Study Area.

Equipment Resource Types

Minimum Capabilities ¹⁵				
Component	Metric	Type I	Type II	Type III
Resource: Fire Engine (Pumper)				
Equipment	Pump Capacity	1,000 gpm	500 gpm	120 gpm
Equipment	Tank Capacity	400 gal	400 gal	500 gal
Equipment	Hose, 2.5 inch	1,200 ft	1,100 ft	
Equipment	Hose 1.5 inch	400 ft	500 ft	1000 ft
Equipment	Hose 1 inch	200 ft	300 ft	800 ft
Personnel	Number	4	3	3
Resource: Fire Truck – Aerial				
Equipment	Aerial	75 ft	50 ft	
Equipment	Elevated Stream	500 gpm	500 gpm	
Equipment	Ground Ladders	115 ft	115 ft	
Personnel	Number	4	4	
Resource: Water Tender				
Equipment	2,000 gal	2,000 gal	1,000 gal	1,000 gal
Equipment	300 gpm	300 gpm	120 gpm	50 gpm

¹⁵ U.S. Department of Homeland Security. Federal Emergency Management Agency. “Typed Resource Definitions – Fire and Hazardous Materials Resources” FEMA 508-4. July 2005