

2.3.2. Wastewater Treatment (Sewage Treatment) Facilities - Fire and Life Safety

2.3.2.1. The Fire and Life Safety requirements for Wastewater treatment facilities shall be as per **Table 14.3.**

2.3.2.2. The requirements of **Table 14.3.** are limited to Fire detection, Fire Protection and ventilation only. Explosion and electrical classification of the hazard shall be evaluated by consultants based on **NFPA 820** and relevant standards and regulations of utility service company.

Table 14.3.: Fire and Life Safety Requirements for Wastewater treatment facilities

HAZARD/ LOCATION	REQUIREMENTS
1. STORM WATER PUMPING STATION (WET WELLS)	<p><u>1. RISK</u></p> <p>i. Possible ignition of flammable gases and floating flammable liquids.</p> <p><u>2. VENTILATION FOR PROCESS AREAS</u></p> <p>i. Normally Not Ventilated.</p> <p><u>3. FIRE DETECTION</u></p> <p>i. Not required except for ancillary buildings, as per Chapter 8.</p> <p><u>4. FIRE PROTECTION</u></p> <p>i. Not required .</p>
2. STORM WATER PUMPING STATION (DRY WELLS)	<p><u>1. RISK</u></p> <p>i. Possible ignition of flammable gases and floating flammable liquids.</p> <p><u>2. VENTILATION FOR PROCESS AREAS, IF ENCLOSED</u></p> <p>i. Continuously ventilated providing 6 Air Changes per Hour, in compliance with Chapter 10.</p> <p><u>3. FIRE DETECTION</u></p> <p>i. Not required except for ancillary buildings, as per Chapter 8.</p> <p><u>4. FIRE PROTECTION</u></p> <p>i. Fire extinguisher shall be provided as per Chapter 4.</p>