**HAZARD ASSESSMENT**

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| **Toxics: Alternative Case Scenario (ACS)** | |
| Process Name |  |
| Chemical | |
| Chemical Name |  |
| Percent weight of chemical |  |
| Physical State |  |
| Model Used |  |
| Scenario |  |
| Quantity Released (lbs) |  |
| Release Rate (lbs/min) |  |
| Release Duration (mins) |  |
| Wind Speed (meters/sec) |  |
| Atmospheric Stability Class |  |
| Topography |  |
| Distance to Endpoint (miles)  (Attach maps of the impact area of the ACS release. Draw the distance to the endpoint from the facility as a radius of a circle showing distance to endpoint in all directions from the facility.) |  |
| Estimated residential population within distance to endpoint |  |
| Public Receptors | Yes or No |
| Schools |  |
| Residences |  |
| Hospitals |  |
| Prisons/Correctional Facilities |  |
| Recreational Areas |  |
| Major commercial, office or industrial areas |  |
| Other |  |
| Environmental Receptors | Yes or No |
| National or State Parks, Forests or Monuments |  |
| Officially Designated Wildlife Sanctuaries, Preserves, or Refuges |  |
| Federal Wilderness Areas |  |
| Other |  |
| Passive Mitigation Considered | Yes or No |
| Dikes |  |
| Enclosures |  |
| Berms |  |
| Drains |  |
| Sumps |  |
| Other |  |
| Active Mitigation Considered | Yes or No |
| Sprinkler Systems |  |
| Deluge Systems |  |
| Water Curtain |  |
| Neutralization |  |
| Excess Flow Valve |  |
| Flares |  |
| Scrubbers |  |
| Emergency Shutdown Systems |  |