

***Siting of HUD Assisted Projects Near Hazardous Operations
Handling Conventional Fuels or Chemicals of an Explosive Nature***

(See HUD 24 CFR Part 51.201)

All above ground storage tanks containing these substances within one-mile of a project must be reviewed if the project will be increasing the number of people exposed to the tanks.* (A good example of a project that would be new housing of any sort. The number of people being exposed to the hazard is greater now that there are more homes in the area near the tanks.)

Hazardous Substances as defined under 24CFR Part 51.201

Hazardous Liquids

Acetic Acid	Crude Oil (Petroleum)	Isobutyl Alcohol
Acetic Anhydride	Cumene	Isopropyl Acetate
Acetone	Cyclohexane	Isopropyl Alcohol
Acrylonitrile	No. 2 Diesel Fuel	Jet Fuel and Kerosene
Amyl Acetate	Ethyl Acetate	Methyl Alcohol
Amyl Alcohol	Ethyl Acrylate	Methyl Amyl Alcohol
Benzene	Ethyl Alcohol	Methyl Cellosolve
Butyl Acetate	Ethyl Benzene	Methyl Ethyl Ketone
Butyl Acrylate	Ethyl Dichloride	Naptha
Butyl Alcohol	Ethyl Ether	Pentane
Carbon Bisulfide	Gasoline	Propylene Oxide
Carbon Disulfide	Heptane	Toluene
Cellosolve	Hexane	Vinyl Acetate
Cresols	Isobutyl Acetate	Xylene

Hazardous Gases

Acetaldehyde	Ethylene	Liquefied Petroleum Gas
Butadiene	Ethylene Oxide	Propane
Butane	**Hydrogen	Propylene
Ethene	**Liquefied Natural Gas	Vinyl Chloride

***For housing rehab projects, personal storage tanks (such as propane) do not require review.**

****Example of cryogenic liquefied gas**

The HUD Office of Environmental and Energy (OEE) has developed an electronic tool to calculate the Acceptable Separation Distance (ASD) for proposed HUD assisted projects. A link to this tool is found under "Useful Links". Call Cheryl Brown, HUD Environmental Review Officer at (801) 538-8729 for additional guidance. The worksheet on page 2 should be attached to the HUD Environmental Review Record if there are any tanks in the project area.

Above Ground Storage Tanks/Hazardous Substances Site Information

All tanks within a one mile radius of a project site must be evaluated with the exception of personal tanks for residential use. Projects that will not increase the number of persons exposed to the tanks/hazard are exempt from the regulation. Only tanks larger than 1,000 gallons need to be evaluated beyond ½ mile distance. Complete the form below and attach to the Environmental Checklist prior to submitting.

Name:		Title:		
Date:		Phone:		
Project Name:				
Project Location:				
City, State, Zip:				
Residential? If Yes →	Single Family?	Multi Family ?		
Elderly?	Rehab?	Number of Stories?		
If Non- Residential project, please describe:				
Potential Problems to address:				
Contents of Tank	Diked or Undiked?	Number of tanks	Size (gallons)	Distance from Site
Are the contents under pressure?				
Describe the conditions of the area between the tanks and the project site. What are the natural, man-made and structural barriers.				
Are there multiple tanks at one site? Please describe.				