



Plain Language Summary

Industrial and Hazardous Waste Permit Applications

Instructions: Complete this form and submit with any industrial hazardous waste, or industrial solid waste, permit application that is subject to 30 Texas Administrative Code §39.405(k) [applications for a Class 3 permit modification, permit amendment, permit renewals, and for a new permit]. Please be concise.

Application Information	
Purpose of application: <input type="checkbox"/> New <input checked="" type="checkbox"/> Renewal <input checked="" type="checkbox"/> Modification/Amendment	
Date Submitted to TCEQ: November 2023	
Customer Name: U.S. Department of Energy, National Nuclear Security Administration	
Facility Name: Pantex Plant	
CN: 600125009	RN: 100210756
Permit Number: 50284	Solid Waste Registration Number: 30459
Facility Street Address: 955 Farm-to-Market Road 2373, Panhandle, Texas 79068	
Weblink to Street Address: https://arcg.is/0rSyOK2	
Facility Information (check all that apply)	
What is the primary type of business?	<input type="checkbox"/> Chemical manufacturing <input type="checkbox"/> Oil refinery <input type="checkbox"/> Treatment, storage or disposal facility plant <input checked="" type="checkbox"/> Other If other, enter description: Nuclear Explosive Assembly/Disassembly
What does the facility produce?	<input type="checkbox"/> Chemicals <input type="checkbox"/> Fuels / lubricants <input type="checkbox"/> No products <input checked="" type="checkbox"/> Other If other, enter description: Nuclear Weapons
Waste Management Information (check all that apply)	
What types of wastes are managed?	<input checked="" type="checkbox"/> Nonhazardous industrial <input checked="" type="checkbox"/> Hazardous <input type="checkbox"/> Other If other, enter description:
Where does the waste come from?	<input checked="" type="checkbox"/> Off-site source <input checked="" type="checkbox"/> On-site source <small>Section IV.B.2 from Permit 50284 provides for certain wastes received from limited off-site sources (non-commercial)</small>
How is the waste managed?	<input checked="" type="checkbox"/> Storage <input checked="" type="checkbox"/> Process / Treatment <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> Other If other, enter description: Certain wastes containing explosives may be treated on-site in non-land based units
What type of units manage the waste?	<input checked="" type="checkbox"/> Active <input type="checkbox"/> Post-Closure Type and count: 5x Container Storage Areas; 12x Processing & Treatment
What happens to waste managed at the facility?	<input checked="" type="checkbox"/> Transported off-site <input type="checkbox"/> Disposed on-site <input checked="" type="checkbox"/> Other If other, enter description: explosive wastes treated in non-land based units

Pollution Control Methods <i>(check all that apply)</i>	
How will the facility prevent spills, leaks, and releases?	<input checked="" type="checkbox"/> Routine inspections <input type="checkbox"/> Engineered liner systems <input checked="" type="checkbox"/> Spill containment <input checked="" type="checkbox"/> Proper waste handling <input checked="" type="checkbox"/> Operations in enclosed buildings <input type="checkbox"/> Groundwater monitoring <input type="checkbox"/> Other If other, enter description:
How will the facility clean up spills, leaks, and releases?	<input checked="" type="checkbox"/> Spill clean-up supplies <input checked="" type="checkbox"/> Decontamination equipment <input type="checkbox"/> Other If other, enter description:
How will the facility prevent / minimize air emissions?	<input type="checkbox"/> Air monitoring / control systems <input type="checkbox"/> Filters / scrubbers <input checked="" type="checkbox"/> Routine inspections <input checked="" type="checkbox"/> Proper waste handling <input checked="" type="checkbox"/> Operations in enclosed buildings <input checked="" type="checkbox"/> Other If other, enter description: All air emissions at Pantex are managed pursuant to limitations contained in Air Quality Permit 84802

Description of Update *(for Class 3 Modifications and Amendments only)*

List and explain any changes this modification or amendment would make to the two sections above—**Waste Management Information** and **Pollution Control Methods**.

This Class 3 modification includes a change in the Groundwater Protection Standard for Perchlorate from a concentration level of 26 ug/L to 15 ug/L to provide greater protection of public health, welfare and the environment from actual or threatened releases of hazardous substances, pollutants, or contaminants into the environment. The recommended level of 15 ug/L has been issued by the Environmental Protection Agency (EPA) as an appropriate screening level Health Advisory for Perchlorate.

Changes to the management of wastes generated on-site include the removal of process treatment equipment within Permitted Unit #57 (Building 16-18; Hazardous Waste Treatment and Processing Facility) to include microencapsulation processes, microwave furnace processes, wastewater solidification and compacting processes, and wastewater evaporation processes. No changes to controlling pollution is being affected by this application.

Clear Form