

Analysis of Impacts

This table presents six of the 13 resource areas that were analyzed in the Draft Environmental Assessment. Refer to the Executive Summary tables in the Draft EA for a more detailed description of impacts.

Resource Area	Impact Summary
<p>Air Quality</p>	<p>Emissions are less than the Environmental Protection Agency's <i>de minimis</i> levels and levels considered significant for Oklahoma stationary sources. No hazardous air pollutants or ozone-depleting chemicals would be emitted. Minimal emissions of haze-related pollutants would have a negligible impact on visibility at the Class I area located 80 to 97 kilometers (50 to 60 miles) southeast of the Clinton Sherman Industrial Airpark (CSIA). Carbon dioxide and water emissions contribute a small fraction of the total U.S. annual emissions of greenhouse gases.</p>
<p>Airspace</p>	<p>The CSIA has the capacity to accommodate the additional operations without substantially impacting airspace due to the infrequency of operations and the availability of alternate routes to redirect commercial traffic activities. Substantial impacts to existing military and general aviation use of the CSIA are not expected.</p>
<p>Biological Resources</p>	<p>The emissions and noise associated with launches and landings would not impact biological resources. Threatened and endangered species would not be impacted. If any species are identified in the area, the U.S. Fish and Wildlife Service would be consulted to identify mitigation measures.</p>
<p>Cultural Resources</p>	<p>The nearest historic site listed in the National Register of Historic Places is located approximately 13 kilometers (8 miles) northwest of the CSIA. Activities would not impact any of the known cultural resources or traditions of the Native American tribes in the area.</p>
<p>Geology and Soils</p>	<p>Potential soil chemistry-altering emissions from launches would be distributed over a large area and would not pose substantial impacts. The proposed action would not result in exposure of individuals or structures to potential adverse effects from seismic activity or substantial erosion or loss of topsoil.</p>
<p>Hazardous Materials and Hazardous Waste Management</p>	<p>No impacts would result because all propellants and other hazardous materials would be handled, stored, and used in compliance with all applicable regulations. Procedures are in place to minimize potential impacts from spills.</p>

No significant impacts are expected for any of the resource areas.