

***Problem Solving Activity: Smog Alert at the North Pole!!***

**Background:** No place on the surface of the Earth is further away from industry and human development than the region above the Arctic Circle near the North Pole. However, scientists have discovered sulfur particles in the Arctic that are identical to those found in the polluted air of some European cities. These particles are so thick that they form a gray haze similar to that seen over many large cities.

**TASK:** Use your knowledge of global wind systems to explain how air pollution has reached the Arctic region. Use a map to illustrate your written explanation.

