

**Table 1 – Quality Criteria for Resource Sustainability
Air Quality**

RESOURCE PROBLEM DEFINITIONS	QUALITY CRITERIA	ASSESSMENT TOOL	LAWS & REGULATIONS	EFFECTIVE PRACTICES
<p>Airborne Chemical Drift. Movement of chemicals by wind beyond the target area that causes adverse effects.</p>	<p>Chemical application is in compliance with federal, state or local laws and regulations, and chemical application is consistent with a Drift Management Plan.</p>	<p>Visual Observation Drift Management Plan</p>	<p>Michigan Pesticide Control Act Michigan Right to Farm Act - Pesticide Utilization/Pest Control GAAMPS</p>	<p>Agrichemical Containment Facility (702) Pest Management (595)</p>
<p>Airborne Odors. Objectionable smells that are undesirable.</p>	<p>No verified complaints in the Michigan Department of Agriculture Environmental Complaint Response Program <u>OR</u> Verified complaints have been resolved.</p>	<p>Michigan Department of Agriculture certified letter verifying odor problem</p>	<p>Michigan Right To Farm Act</p>	

TECHNICAL GUIDE

SECTION III

State-Wide

Resource Management Systems and Guidance Documents - Contents

**Table 2
Resource Concerns for Improving the Resource
AIR**

RESOURCE CONSIDERATION	RESOURCE CONCERNS	ASSESSMENT TOOL	LAWS & REGULATIONS
<p>Particulate Matter. Particulate Matter is a broad classification of material that consists of solid particles, fine liquid droplets or condensed liquids sorbed onto solid particles. The particles can have many different chemical compositions depending on the source of the emission. Sources include vehicle exhaust, wind-blown soil, road dust, forest fires and mining emissions.</p>	<p>Vehicle exhaust</p>	<p>Visual observations Air Quality Indexes MDEQ monitoring data</p>	<p>Clean Air Act Michigan Air Pollution Control Act</p>
	<p>Wind blown soil</p>	<p>Visual observations Air Quality Indexes MDEQ monitoring data</p>	<p>Clean Air Act Michigan Air Pollution Control Act</p>
	<p>Road dust</p>	<p>Visual observations Air Quality Indexes MDEQ monitoring data</p>	<p>Clean Air Act Michigan Air Pollution Control Act</p>
	<p>Forest fires</p>	<p>Visual observations Air Quality Indexes MDEQ monitoring data</p>	<p>Clean Air Act Michigan Air Pollution Control Act</p>
	<p>Mining emissions</p>	<p>Visual observations Air Quality Indexes MDEQ monitoring data</p>	<p>Clean Air Act Michigan Air Pollution Control Act</p>
	<p>Organic materials</p>	<p>Visual observations Air Quality Indexes</p>	<p>Clean Air Act Michigan Air Pollution Control</p>

TECHNICAL GUIDE

Section III

State-wide

Resource Management Systems and Guidance Documents - page 3

		MDEQ monitoring data	Act
Humidity. The range of dampness in the air that affects a desired use. For example, the relative humidity affects the ripening of specialty crops.		On site observations	
Movement. The sufficient amount of air circulation in order to facilitate a desired use. For example, quiet air that prevents wind whipping of plants, or adequate air drainage to reduce frost damage.		On site observation NRCS Agricultural Waste Field Handbook	