

## Michigan's Land, Air, and Water

Use the *Michigan Land, Air and Water* poster to find and circle these sources of greenhouse gases (carbon dioxide, methane, and nitrous oxide). Indicate the main process involved in the production, storage or use of the gas such as **photosynthesis**, **respiration**, **combustion** (i.e., for energy production and fires) **decomposition**, **digestion**, **industrial processes**, **agricultural processes**. Add any additional examples you see.

Land Uses	Type of Greenhouse Gas	Process(es) Involved
<i>Animals</i>	<i>Carbon dioxide</i>	<i>Respiration</i>
<i>Cows</i>	<i>Methane, carbon dioxide</i>	<i>Digestion, respiration</i>
<i>Bacteria, Decomposers, Soil</i>	<i>Carbon dioxide, nitrous oxide, methane</i>	<i>Decomposition</i>
<i>Automobile, Train, Trucks, Motor Home, Freighters, Boats, Construction Equipment, Tractors, Planes</i>	<i>Carbon dioxide, nitrous oxide</i>	<i>Combustion</i>
<i>Landfills, Wastewater Treatment</i>	<i>Carbon dioxide, nitrous oxide, methane</i>	<i>Decomposition</i>
<i>Factory</i>	<i>Carbon dioxide, nitrous oxide, halocarbons</i>	<i>Industrial processes, Combustion</i>
<i>Power Plant</i>	<i>Carbon dioxide, nitrous oxide, methane</i>	<i>Combustion, Industrial process</i>
<i>Homes, Offices, Buildings, Malls (heating)</i>	<i>Carbon dioxide</i>	<i>Combustion</i>
<i>Agricultural Practices, Animal Feedlot</i>	<i>Carbon dioxide, nitrous oxide, methane</i>	<i>Decomposition, Agricultural processes</i>
<i>Mining, logging</i>	<i>Carbon dioxide, nitrous oxide</i>	<i>Industrial process, Combustion</i>
<i>Campfires, Other burning</i>	<i>Carbon dioxide, nitrous oxide</i>	<i>Combustion</i>