

Student Handout 

POLLUTION CLUES

Directions: Complete the pollution chart below by writing answers in the first column for each example of pollution. The clues in the squares to the right should help you pick the "cause."

CAUSE	SOURCE	PATHWAY	EFFECT
1.	trees, branches of trees	land, air (wind) and waterways (rivers, lakes, storm sewers)	may collect on land and beside buildings, suffocate grass, supply nutrients to soil
2.	cows, termites, landfills (anaerobic bacteria)	air and atmosphere	can combust creating explosions and fire, may contribute to global climate change
3.	rainwater on driveways, parking lots, lawns, fields	land (yards, streets), waterways (sewers, creeks, rivers, lakes)	may contaminate drinking water and water habitats for plants and animals
4.	people everywhere	air (wind), waterways, land	collects on land, may attract mice, rats, and makes the Earth look ugly
5.	factories, automobiles, power plants, homes	air and atmosphere	may contaminate the air and contribute to global climate change
6.	heat and combustion, volcanoes, lightning	air (wind), land (forests, buildings)	may release particulate matter (and sometimes harmful gases) into the air; may destroy forest land and buildings
7.	digging minerals (iron ore, copper, bauxite) out of the land and drilling for fossil fuels (coal, oil, natural gas)	land, waterways (rivers, lakes)	may cause soil erosion, may contaminate water and soil
8.	waste material (some may be hazardous) dumped anywhere in quantity	land, waterways (rivers, lakes, ground water)	may contaminate soil, waterways and attract mice, rats and other vermin