

IPS 9 NAME: _____ DATE: _____
 TEACHER: _____

1) **CHOOSE A CONTAMINANT** that could lead land to becoming a Brownfield:

Contaminant	Possible source of contamination
Heavy metals: cadmium, chromium, mercury	metal finishing/plating shops, manufacturing and foundries, coal burning power plants
Gasoline/constituents of gasoline: gasoline, benzene, ethylbenzene, toluene, xylene heating oil	gasoline stations, tank farms, pipelines buried home heating oil tanks leaking
Solvents: Tetrachloroethylene, trichloroethylene, III-trichloroethane	

2) Perform research in order to **thoroughly and completely** answer the questions below. Your research will need to include information gathered from **at least** one book, one article, and one reliable website. Additionally, after answering each question, write the parenthetical reference. Put the author's last name in parentheses (ex. (Jones)). If there is no author, put the title in quotation marks (ex. "Gasoline, Synthetic").

Questions

a) How and why is this substance used?

b) How does this contaminant pollute the land?

c) What are the health effects of the contaminant to humans and the environment?

d) How does the contaminant enter the human body?

Citations

(Complete a bibliography in NoodleTools. Cut and paste here.)

(Perform a List Analysis in NoodleTools and staple to your questions.)