

Table 2. Indicators associated with manufacturing or industrial land use

[This is a subset of possible land use and source terms. They are intended as examples for indicator use.]

Parameters	Chemical			Electrical		Landfills/waste sites			Mining		Lumber	Pesticides	Petroleum		
	Battery recycling	Solvents	Munitions	Plating	Poly-chlorinated biphenyls sites	Dioxins and furans sites	Landfills	Organics sites	Metals/organics sites	Mining waste	Asbestos	Wood treatment	Manufacture/storage/loading	Refining storage	Gas stations
Physical.....															
Color	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Odor	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Specific conductance.....	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Temperature	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Common ions ¹	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
pH.....	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Total dissolved solids	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Vc Perchloroethylene		X	X	X	X		X	X	X					X	
Tetrachloroethylene.....		X	X	X	X			X	X				X		
Trichloroethylene		X	X	X	X		X	X	X		X	X	X	X	
Trichloroacetic acid.....		X		X	X		X	X	X						
1,1 Dichloroethylene.....		X		X	X		X	X	X				X		
Methylene chloride		X	X	X	X		X	X	X						
Vinyl chloride.....		X			X		X	X	X				X	X	
Semivolatiles ²		X		X	X	X			X			X	X		
Pentachlorophenol.....											X			X	
Polycyclic aromatic hydrocarbons. ³		X								X		X	X		
Dioxins and furans						X									
Polychlorinated biphenyls..				X	X				X			X		X	X
Petroleum hydrocarbons			X										X	X	X
Benzene, toluene, ethylene, xylene.		X	X	X	X		X	X	X		X	X	X		
Pesticides ⁴														X	
Trace elements	X	X	X	X	X		X	X	X		X	X	X		
Arsenic	X	X	X	X	X		X	X	X	X		X	X		
Cadmium.....	X	X	X	X	X		X	X	X	X	X		X		
Chromium		X	X	X	X		X	X	X	X		X	X	X	
Lead.....	X	X	X	X			X	X	X	X		X	X		
Nickel		X	X	X	X		X	X	X	X	X	X	X		
Zinc		X	X	X	X			X	X	X		X	X		
Radionuclides			X							X					

¹Chloride and sodium ions may serve as indicators of salinity. An ionic balance may provide a fingerprint for comparison of ground-water quality in different areas.

²Semivolatile organic compounds are the second most frequently detected class of organic priority pollutants and also may be suitable for some types of leak detection.

³Polycyclic aromatic hydrocarbons are prevalent in petroleum, coal, and wood-treatment products and are pervasive in commercial and industrial processes and wastes.

⁴Pesticides that are appropriate for use as ground-water indicators will vary regionally according to crops and agricultural practices.