

# APPENDIX I

## List of Potential Contaminant Sources

*List of Significant Potential Contamination Sources:*

Under the Source Water Protection Programs the states are required to create an inventory of ***potential*** contamination sources and evaluate their likelihood to adversely impact source waters of public water supplies. The table below, will be used in the inventory effort and presents land uses and activities considered to be significant potential sources of contamination to drinking water. Each land use have been ranked relative to its threat to water quality (high, medium, low), considering the type of drinking water source be it ground water or surface water.

Source Category	Source Name	Threat to Ground Water	Threat to Surface Water	
Agriculture	Animals Burial Areas	L	L	
	Animal Feedlots	H	H	
	Confined Animal Feeding Operations	H	H	
	Crop Irrigation	L	L	
	Crops,corn,soybean,wheat	L	L	
	Crops: orchards	L	L	
	Crops: other	L	M	
	Drainage canals (agricultural)	L	L	
	Drainage tile (agricultural)	L	L	
	Drainage wells (agricultural)	L	L	
	Farm chemical distributor	L	L	
	Farm machinery areas	L	L	
	Fertilizer Application	M	M	
	Fertilizer Storage	L	L	
	Greenhouses/Nurseries	L	L	
	Manure spreading or Storage*	M	H	
	Other animal facilities	L	L	
	Pasture*	L	L	
	Pesticide/fertilizer/petroleum storage & transfer areas	L	L	
	Silviculture (logging)	L	H	
	Slaughterhouses	H	M	
	Residential	Fuel Oil Storage	L	L
		Pesticide Application	L	L
Residential (multi-units)		L	L	
Residential (single family homes)		L	L	
Septic Systems (discharging to stream or surface water)		H	H	
Septic Systems (leach field)*		M	M	

Municipal

Artificial ground water recharge areas	L	L
Combined Sewer Overflows	L	H
Composting facility/yard wastes	L	L
Demolition Debris Landfills	L	L
Drinking Water Treatment Plants	L	L
Fire Stations	L	L
Highway	M	H
Historic railroad right-of-ways	M	L
Historic waste dumps/landfills	H	L
Illegal Dump	H	H
Incinerators (municipal)	L	L
Lanfills/municipal	L	L
Managed forest	L	L
Military Base (past and present)	H	M
Park lands	L	L
Radioactive waste disposal sites	H	H
Railroad Tracks (right of way)	H	M
Railroad yards/maintenance/fueling areas	H	H
Recycling/reduction facilities	L	L
Right-of-ways (herbicide use areas)	L	M
Road maintenance depots/deicing operations	H	M
Schools	L	L
Sewage sludge/biosolid application	L	L
Sewer Lines*	H	L
Storm Drains	L	M
Storm water basins/ drains	M	M
Waste transfer/recycling stations	M	M
Wastewater Treatment Plant	L	M
Wastewater application	L	L
Wells: abandoned	H	L
Wells: water supply	L	L

Commercial	Airports / Abandoned airfields	H	H
	Above Ground Storage Tanks	L	L
	Auto repair shops	H	M
	Boat services/repair/refinishing	M	H
	Body shops	H	M
	Camp grounds	L	L
	Car dealerships	H	L
	Car washes	L	M
	Cemeteries	L	L
	Construction areas	M	H
	Demolition areas	M	M
	Dry cleaners	H	M
	Equipment rental/repair shop	H	L
	Fleet/truck/bus terminals	H	H
	Funeral services and crematories	M	L
	Furniture and fixtures manufacturers	H	M
	Furniture repair and finishing shops	H	M
	Gas Stations	H	M
	Golf courses	M	M
	Hardware/lumber/parts stores	L	L
	Heating oil companies	H	M
	Historic gas stations	H	L
	Hospitals	M	L
	Junk yards, scrap and auto	H	H
	Landscaping firms	L	L
	Laundromats	L	M
	Lawn/farms stores	L	L
	Marina/boat docks	L	H
	Medical/dental offices/clinics	M	L
	Nursing Homes	M	L
	Office building/complexes	L	L

	Paint stores	L	L
	Parking lots/malls	L	M
	Pest control company	M	L
	Pharmacies	L	L
	Photo processing/printing	M	L
	Print shops	M	L
	Printer/publisher	M	L
	Railroad Tracks and Yards	H	H
	Recreational vehicle/mini storage	L	L
	Repair Shops (engine, appliances,etc.)	H	M
	Research laboratories	H	H
	Rust Proofers	L	L
	Sawmills and planers	M	M
	Tire Dumps	L	M
	Underground Storage Tanks	H	L
	Utility Substation Transformers	H	H
	Veterinary offices	M	L
	Waste Incinerators	L	L
	Welding shops	M	L
Industrial	Asphalt plants	M	H
	Cement/concrete plants	M	M
	Chemical Drums/Storage	H	H
	Chemical Landfills	H	H
	Chemical Manufacture	H	H
	Chemical Spills	H	H
	Chemical/petroleum pipelines	H	H
	Communication Equipment Manufacturers	M	L
	Electrical/electronic manufacturing	M	M
	Electroplaters	H	M
	Foundries and metal fabricators	H	H
	Fuel Oil Distributors	M	M

Gravel pits	L	L
Hazardous waste storage, treatment, recycling	H	H
Industrial pipelines	H	M
Lagoon/Pond/Pit	H	M
Landfills: Industrial nonhazardous	L	L
Landfills: hazardous wastes	H	H
Landfills: Unregulated dumps	H	H
Machine and metalworking shops	H	M
Material stockpiles (coal,metallic ores,phosphates,etc.)	H	H
Metal and Drum cleaning/reconditioning	H	H
Metal finishing/plating	H	H
Waste Tailings ponds ( common for mining wastes)	M	M
Mine Wastes (gob piles, tailings, etc.....)	H	H
Mines: abandoned	H	H
Mining: Surface	M	M
Mining: underground	H	H
Paper Mills	M	H
Permitted Discharge Pipe (outfall)	L	M
Petroleum production and storage facilities	H	M
Plastics/synthetics producers	H	H
Public Utilities (phone, gas, electric power)	M	M
Quarry	M	L
Radiactive Waste Disposal Site	H	H
Sawmills	M	M
Stone, clay and glass manufacturers	M	L
Surface Impoundments	M	M
Tanneries	H	H
Unsealed Abandoned Mines used as Waste Pits	H	H
Wells: Injection	H	M
Wells: brine injection	H	H

	Wells: oil and gas	H	M
	Wood preserving/treatment facilities	H	H
	Wood/pulp/paper mills	H	H
Miscellaneous	Clandestine Dumping	H	H