

Contamination Identification Table

Land Uses of Concern		Contaminant Identification				Subsurface Water Treatment Method
Zoning Indicator	Zoning Code	Historical Land Use	Chemical Family	Chemical of Concern	Chemical Test	Treatment
Specialty Industrial/ Commercial	I-1 I-2 B-1 B-1A B-2 B2 B-3 B-3A B-4 B-4C	Dry Cleaner	Chlorinated solvents	Trichloroethylene (TCE), Tetrachloroethylene (PCE), Vinyl Chloride (VC)	EPA Method 8260	Air-Stripping Activated Carbon Filtration Site Specific
		Paint Manufacturer/Manufactured Gas Plant	Inorganics Volatile Organic Compounds (VOCs) Semi-Volatile Organic Compounds (SVOCs)	PCBs RCRA 8 Metals Solvents	EPA Method 8151 EPA Methods 6010/7471 EPA Method 8260 EPA Method 8270	Filtration Air-Stripping Activated Carbon Filtration Site Specific
		Manufacturing (metal cleaning/degreasing, electronic manufacturing, vapor degreasing, cold cleaning)	Chlorinated solvents Inorganics	Trichloroethylene (TCE), tetrachloroethylene (PCE), 1,1,1-Trichloroethane (TCA) Total Xylenes Metals	EPA Method 8260 EPA Methods 6010/7471	Air-Stripping Activated Carbon Filtration Filtration Site Specific
		Chemical Manufacture	Volatile Organic Compounds (VOCs)	Solvents	EPA Method 8260	Air-Stripping Activated Carbon Filtration
		Automotive/Boat Repair	Inorganics Volatile Organic Compounds (VOCs) Semi-Volatile Organic Compounds (SVOCs)	PCBs RCRA 8 Metals Solvents	EPA Method 8151 EPA Methods 6010/7471 EPA Method 8260 EPA Method 8270	Filtration Air-Stripping Activated Carbon Filtration Site Specific
		Shipyards	Inorganics Volatile Organic Compounds (VOCs) Semi-Volatile Organic Compounds (SVOCs)	PCBs RCRA 8 Metals Solvents	EPA Method 8151 EPA Methods 6010/7471 EPA Method 8260 EPA Method 8270	Filtration Air-Stripping Activated Carbon Filtration Site Specific
		Airport/ Gas Stations/UST/AST/Military Compounds	Volatile Organic Compounds (VOCs) Total Petroleum hydrocarbon (TPH) Lead	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX) Methyl Tert-Butyl Ether (MTBE) Gasoline and Diesel Range Organics (TPH-GRO & TPH-DRO) Lead	EPA Method 8260 EPA Method 8015 EPA Method 6010	Filtration Air-Stripping Site Specific
		Hazardous Waste Generator -Small Scale	Site Specific	Site Specific	Site Specific	Site Specific
General Industrial/ Commercial	General Commercial/Industrial (specific use unknown)	Site Specific	Site Specific	Site Specific	Site Specific	
Residential	R-40 R-30 R-20 R-15 R-10 R-7.5 R-5D R-5R R-5S R-2.5 A-12 A18 A-24 A36	Residential (Heating Oil Storage Tanks)	Total Petroleum hydrocarbon (TPH)	Diesel Range Organics (TPH-DRO)	EPA Method 8015	Air-Stripping Activated Carbon Filtration Site Specific
		Residential (Septic Fields Present)	Volatile Organic Compounds (VOCs) Human Bacteria/Viruses	Solvents Escherichia Coli (E. Coli) Fecal Coliform Enterococcus	EPA Method 8260 EPA Method 9223 (Membrane Filter Method) EPA Method 1600 (Membrane Filter Method)	Air-Stripping Filtration Site Specific
Agricultural	AG-1 AG-2	Farming/Agricultural Storage Facilities	Inorganics Volatile Organic Compounds (VOCs) Pesticides, Herbicides, Fungicides	S RCRA 8 Metals Solvents (DDT), Chlorodane, Atrazine, Endrin	EPA Method 8260 EPA Method 8081	Air-Stripping Activated Carbon Filtration Site Specific
Municipal	-	Landfills - Solid waste disposal facility (including on-site industrial and municipal)	Inorganics Volatile Organic Compounds (VOCs) Semi-Volatile Organic Compounds (VOCs)	PCBs RCRA 8 Metals Solvents	EPA Method 8151 EPA Methods 6010/7471 EPA Method 8260 EPA Method 8270	Filtration Air-Stripping Activated Carbon Filtration Site Specific
		Utility Easements - Wastewater or Oil/Gas Pipelines	Site Specific	Site Specific	Site Specific	Site Specific