

Attachment B: 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 |