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| --- | --- | --- | --- |
| **PST Program Action Levels** 1,2,3 | | | |
| **CHEMICAL OF CONCERN** | **SOIL** (mg/kg) | **SOIL** (mg/kg) | **GROUNDWATER**  (mg/L) |
| Surface (0 - 15 ft) | Subsurface (>15 ft) |
| **Volatile Organic Compounds** | | | |
| Benzene | 0.12 | 0.12 | 0.005 |
| Ethylbenzene | 36.8 | 36.8 | 0.7 |
| Toluene | 39.1 | 39.1 | 1 |
| Total xylenes | 117 | 117 | 10 |
| **Oxygenates** | | | |
| MTBE (methyl tert-butyl ether) | 2.56 | 2.56 | 0.240 |
| **Polycyclic Aromatic Hydrocarbons** | | | |
| Acenaphthene | 34.1 | 34.1 | 2.19 |
| Anthracene | 2.04 | 2.04 | 11 |
| Acenaphthylene | 54.7 | 54.7 | 2.19 |
| Benz-a-anthracene | 0.877 | 7.10 | 0.000117 |
| Benzo-a-pyrene | 0.0877 | 3.09 | 0.0002 |
| Benzo-b-fluoranthene | 0.877 | 3.61 | 0.000117 |
| Benzo-g,h,i-perylene | 0.824 | 0.824 | 1.10 |
| Benzo-k-fluoranthene | 1.35 | 1.35 | 0.00117 |
| Chrysene | 1.24 | 1.24 | 0.0117 |
| Dibenz-a,h-anthracene | 0.0877 | 1.91 | 0.0002 |
| Dibenzofuran | 48.8 | 48.8 | 0.146 |
| Fluoranthene | 25.5 | 25.5 | 1.46 |
| Fluorene | 30.2 | 30.2 | 1.46 |
| Indeno-1,2,3-cd-pyrene | 0.877 | 26.0 | 0.000117 |
| Naphthalene | 99.7 | 99.7 | 0.73 |
| Phenanthrene | 28.2 | 28.2 | 1.1 |
| Pyrene | 10.3 | 10.3 | 1.1 |
| **Total Petroleum Hydrocarbons:** No action level for TPH. TPH is used only to screen for PAHs.3 | | | |

1. The action level for each COC is the **lowest applicable health-based or groundwater protective target concentration** for the COC. For COCs not listed, contact the TCEQ PST Program.
2. The action levels in this table do not apply, and the site will be assigned an ID number, when surface water is impacted or threatened by the release; a water well or surface water intake is impacted or threatened; buildings or utilities are impacted with vapors; nuisance conditions such as odors, discoloration, or taste degradation to water supplies are known or suspected; or nonaqueous phase liquid (NAPL) is present.
3. TPH testing is used only to screen for PAHs and is required for all initial release determination activities. No LPST ID number will be assigned based on TPH alone. For each separate source area where TPH of greater than C12 is detected, the sample with the highest TPH >C12 concentration must be tested for PAHs.