|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Please fill out a form for each soil vapor extraction system** | | | | | | | | | | | | | | | | | | | | |
| **1. Business performing soil remediation information:** | | | | | | | | | | | | | | | | | **Air Quality Use Only** | | | |
| Business license name of corporation, company, individual owner, or governmental agency performing soil remediation | | | | | | | | | | | | | | | | |
| **Source Number** | | |  |
| Street | | | | | | | City, State, Zip | | | | | | | | | | **Emission Unit Number** | | |  |
| **2. Emission unit name:** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
| **3. Operating schedule:** | | | | | | | | | | | | | | | | | | | | |
| Hours per day | | | | Days per week | | | | | | Weeks per year | | | | | | Days per year | | | | |
|  | | | |  | | | | | |  | | | | | |  | | | | |
| **4. Percentage of yearly operation that occurs during the following quarters:** (total must equal 100%) | | | | | | | | | | | | | | | | | | | | |
| Dec-Jan-Feb | | | | Mar-April-May | | | | | | June-July-Aug | | | | | | Sept-Oct-Nov | | | | |
|  | | | |  | | | | | |  | | | | | |  | | | | |
| **5. Site data:** | | | | | | | | | | | | | | | | | | | | |
| Highest concentration found in soil of: | Benzene | | | | | Toluene | | Ethylbenzene | | | | | Xylenes | | | | | Total Petroleum Hydrocarbon (TPH) | | |
| Soil concentrations are in:  PPM wt  PPM vol  mg/M3­  Other (specify): | | | | | | | | | | | | | | | | | | | | |
| Highest concentration found in groundwater of: | Benzene | | | | | Toluene | | Ethylbenzene | | | | | | Xylenes | | | | Total Petroleum Hydrocarbon (TPH) | | |
| Groundwater concentrations are in:  PPM wt  PPM vol  PPB (µg/L)­  Other (specify): | | | | | | | | | | | | | | | | | | | | |
| Estimated total mass of contaminant (lbs) | | | | | | | | | | | Estimated total remediation time (years and months) | | | | | | | | | |
| **6. Exhaust stack and control device data:** (complete for each vent/stack and attach additional sheets if necessary) | | | | | | | | | | | | | | | | | | | | |
| Height above grade (ft) | | | Diameter (ft) | | | | | | Blower horsepower | | | | | | Distance to nearest property line (ft) | | | | | |
| Maximum flow (actual ft3/min) | | | | | Average flow (actual ft3/min) | | | | | | | Average velocity (ft/sec) | | | | | | | Temperature (oF) | |
| Control device(s): | | None  Adsorption  Thermal oxidizer  Catalytic oxidizer  Other (describe): | | | | | | | | | | | | | | | Control efficiency (%) | | | |

|  |  |  |
| --- | --- | --- |
| **7. Compliance demonstration and monitoring/recording devices:** | | |
| Description of proposed monitoring and recordkeeping to assure compliance with emission limits. Include operating parameters of source and/or control device being monitored (temperature, pressure drop, etc.). | | |
| Check all attached monitoring and recording devices: | No monitor  Pressure drop gauge  Temperature gauge  Electronic data logger  Strip chart  Other (describe): | |
| **8. Comments** | | |
|  | | |
| **9. Based upon information and belief formed after a reasonable inquiry, I certify that the information contained in this application is accurate and true to the best of my knowledge.** | | |
| Signature of responsible official | | Date of application |