Please fill out a form for each air stripper.

1. Business license name of corporation, company, individual owner, or governmental agency performing soil remediation:

   For KCDAQM Use Only
   Source Number
   Emission Unit Number

2. Emission unit name:

3. Address of corporation, company, individual owner, or governmental agency performing soil remediation:

   Street
   City, State, Zip

4. Operating schedule:

   Hours per day
   Days per week
   Weeks per year
   Days per year

5. 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

6. Site data:

   Highest concentration found in groundwater (air stripper influent) of:
   - Benzene
   - Toluene
   - Ethylbenzene
   - Xylenes
   - Total Petroleum Hydrocarbons (TPH)

   Groundwater concentrations are in:
   - PPM wt
   - PPM vol
   - PPM (µg/L)
   - Other (specify):

   Estimated total mass of contaminant (lbs)
   Estimated total remediation time (years and months)

7. Exhaust stack data: (Complete for each vent or stack. Attach additional sheets if necessary.)

   Height above grade (ft)
   Diameter (ft)
   Blower horsepower
   Distance to nearest property line (ft)

   Maximum water flow (gal/min)
   Maximum air flow (actual ft³/min)
   Average air flow (actual ft³/min)
   Average air velocity (ft/sec)

8. Exhaust control device:

   - None
   - Adsorption
   - Thermal oxidizer
   - Catalytic oxidizer
   - Other (describe):

   Control Efficiency (%)

9. 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
   - Strip chart
   - Electronic data logger
   - Other (describe):
10. Comments:

11. Signature of the responsible official: ________________________________  Date of application: __________________________