

**KNOX COUNTY DEPARTMENT OF AIR QUALITY MANAGEMENT  
CONSTRUCTION PERMIT APPLICATION**

FORM APC-20

AIR STRIPPER FOR REMEDIATION OF  
PETROLEUM CONTAMINATED GROUNDWATER

(PLEASE TYPE OR PRINT)

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**GENERAL INFORMATION**

1. NAME AND ADDRESS OF COMPANY PERFORMING GROUNDWATER REMEDIATION: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
2. NAME AND ADDRESS OF COMPANY, CORPORATION, OR OTHER OWNER OF SITE WHERE REMEDIATION PERFORMED:  
\_\_\_\_\_  
\_\_\_\_\_
  
3. REMEDIATION SITE ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**STACK DATA**

4. STACK HEIGHT ABOVE GRADE: \_\_\_\_\_M      5. INSIDE DIAMETER: \_\_\_\_\_M
6. MAX. WATER FLOW RATE: \_\_\_\_\_GAL/MIN      7. EXIT FLOW RATE: \_\_\_\_\_CFM AVG      \_\_\_\_\_CFM MAX
8. EXIT VELOCITY: \_\_\_\_\_M/S      9. BLOWER HORSEPOWER: \_\_\_\_\_

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**SITE DATA**

10. HIGHEST CONCENTRATION FOUND IN GROUNDWATER (AIR STRIPPER INFLUENT) OF:  
BENZENE \_\_\_\_\_ TOLUENE \_\_\_\_\_ ETHYLBENZENE \_\_\_\_\_ XYLENES \_\_\_\_\_ TPH \_\_\_\_\_  
CONCENTRATIONS ARE IN:  PPM WT    PPM VOL MG/KG    PPB (UG/L)    OTHER: \_\_\_\_\_
  11. ESTIMATED TOTAL MASS OF CONTAMINANT: \_\_\_\_\_ LBS.
  12. ESTIMATED TOTAL REMEDIATION TIME: \_\_\_\_\_ YEARS      \_\_\_\_\_ MONTHS
  13. NORMAL OPERATING HOURS (CHECK ONE):  CONTINUOUS       OTHER \_\_\_\_\_
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14. SIGNATURE OF RESPONSIBLE MEMBER OF COMPANY: \_\_\_\_\_
  15. DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_ PHONE: \_\_\_\_\_