

SAN DIEGO AIR POLLUTION CONTROL DISTRICT

**SUPPLEMENTAL APPLICATION
INFORMATION**

**FEE SCHEDULE
52B - Form A**

San Diego APCD Use Only

Appl. No.:

ID No.:

SOIL REMEDIATION PROCESS

- Submit this form in addition to Form B, C, D, E, or F, depending upon the type of equipment/process to be installed.
- Before acting on an Application for Authority to Construct and/or Permit to Operate, the District may require further information, plans, or specifications.
- Please type or print the information requested below.

1 **Company Name:** _____

2 **Equipment Address:** _____

3 **A. SITE ASSESSMENT/MITIGATION PROJECT STATUS**

4 SA/M Case Worker _____ Phone # (____) _____

5 SA/M Case Number _____

6 **B. EQUIPMENT LIST (MAJOR COMPONENT - PLEASE CHECK ALL THAT APPLY)**

- | | |
|--|---|
| 7 <input type="checkbox"/> Blower | <input type="checkbox"/> Fabric Filter |
| 8 <input type="checkbox"/> Preheater/Burner or Heating Element | <input type="checkbox"/> Catalytic Oxidizer |
| 9 <input type="checkbox"/> Automatic Control System w/Chart Recorder | <input type="checkbox"/> Catalytic Converter |
| 10 <input type="checkbox"/> Dilution valve/ Manual - Automatic | <input type="checkbox"/> Thermal Oxidizer |
| 11 <input type="checkbox"/> Adsorbent Canisters | <input type="checkbox"/> Internal Combustion Engine |
| 12 <input type="checkbox"/> Rotary Thermal Desorber | <input type="checkbox"/> Afterburner |
| 13 <input type="checkbox"/> Conveyors | <input type="checkbox"/> Screens/Shakers |
| 14 <input type="checkbox"/> Other: _____ | |
| 15 _____ | |

16 **C. STACK PARAMETERS**

17 Height: _____ feet, meters Inside Diameter: _____ feet, meters

18 Temperature: _____ °F, °K Height of nearest building: _____ ft, m

19 Flow Rate: _____ ACFM, m³/sec OR Velocity: _____ ft/sec, m/sec

20 **D. CRITERIA POLLUTANT EMISSIONS AT STACK CONDITIONS***

	Hourly (lb/hr, ppm)	Daily (lb/day, ppmv)	Annual (tons/yr, ppmv)
Oxides of Nitrogen (as NO ₂)			
Volatile Organic Compounds** (as Methane)			
Oxides of Sulfur (as SO _x)			
Carbon Monoxide			

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	Hourly (lb/hr, grain/scf)	Daily (lb/day, grain/scf)	Annual (tons/yr, grain/scf)
Particulate Matter			
Lead and Lead Compounds			

* Criteria pollutants as defined in SDAPCD Rule 20.1.

**Non-methane hydrocarbons as methane.

22 **E. HAZARDOUS POLLUTANT EMISSIONS AT STACK CONDITIONS**

<u>Compound</u>	<u>Max Hourly (lb/hr, grams/sec)</u>	<u>Annual (lb/yr, grams/sec)</u>
Benzene		

***As defined by Federal EPA or California Air Toxic "Hot Spots" rules.

23 **F. DRAWINGS (CHECK OFF ELEMENTS INCLUDED IN DRAWINGS)**

ATTACHED
(Figure Number)

24 May be the same as what is contained in SA/M work plan

25 **1. Site Location Map (on 7.5 minute USGS Series Map) showing:**

- 26 Site Location
- 27 Facility boundary
- 28 Elevation contours (included in 7.5 minute series map)
- 29 Circle of 1,000 ft radius with site as center point, indicating the location of schools within that
- 30 radius. (AB 3205 compliance requirement)

31 **2. Site Drawing (to scale) showing:**

- 32 All wells (as of time of application)
- 33 Location of vapor extraction lines
- 34 Location of equipment compound
- 35 Property boundary
- 36 North arrow

- 37 Nearest intersection
- 38 All onsite and offsite buildings within 50 meters including heights and use (occupational or residential)
- 39 Location and contents of USTs
- 40 Location of stack

41 **3. Equipment compound layout showing:** _____

- 42 Location of knockout pot, blower(s), treatment equipment, exhaust stack
- 43 Storage tanks

44 **4. Process and Instrumentation Diagram showing:** _____

- 45 Wells, manifolds and headers
- 46 Knockout pot, blowers, treatment equipment, stack
- 47 Flow, temperature and concentration monitoring points
- 48 Control lines to shutoff controls and recording devices
- 49 Dilution valve and controls
- 50 Storage tanks
- 51 Flame arrestor

52 **Name of Preparer:** _____ **Title:** _____

53 **Phone No.:** (____) _____ **Date:** _____

NOTE TO APPLICANT:

Before acting on an application for Authority to Construct or Permit to Operate, the District may require further information, plans, or specifications. Forms with insufficient information may be returned to the applicant for completion, which will cause a delay in application processing and may increase processing fees. The applicant should correspond with equipment and material manufacturers to obtain the information requested on this supplemental form.