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## Organic Vapor Extraction Permit Application Package

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For soils that are contaminated by gasoline, diesel fuel or jet fuel please review Ventura County Air Pollution Control District (VCAPCD) Rule 74.29, "Soil Decontamination Operations".

Equipment and Process Descriptions - Describe your facility and how it operates. Provide dimensions of the exhaust stack, exhaust flow rate, manufacturer and model number of unit's blower/exhaust fan(s). Include expected control efficiency of the emission control device (provide any emissions test reports you have to support the expected efficiency). Emission calculations showing the quantity of reactive organic compounds that will be emitted from the vapor extraction unit (after control). Attach equipment schematics and block flow diagrams of the processes.

Carbon Adsorption Vapor Extraction Units - If used as the emission control device, provide the following information:

1. Manufacturer and model number.
2. Number of carbon canisters in the system and number of carbon canisters that will be operational at any given time.
3. Amount of carbon (in pounds) in each canister.
4. Method for determining carbon breakthrough.

Incineration Vapor Extraction Units - If used as the emission control device, provide the following information:

1. Manufacturer and model number.
2. Maximum heat input into the incinerator (in Btu's per hour) and the source and type of supplemental fuel.
3. Dimensions of the combustion zone (length, diameter and calculated volume).
4. A description and location of any temperature or other safety-related controls, and the limits of those controls (i.e., high and low temperature ranges).

In addition to the Facility Location information required for all permit applications, also provide the following on 8-1/2" x 11" paper:

A schematic diagram of the vapor extraction system that includes wells, piping, control equipment, and exhaust stack(s).

Applicants are required to be familiar with the VCAPCD Rules. Should you have any questions or wish to obtain a copy of the rules or the emission calculation procedures used by the district, please call the Engineering at 805-303-3688. Additionally, the district provides pre-application meetings in which you meet with an engineer to discuss the application process. If you wish to make an appointment, call the above phone number.