

Instructions: Soil/Groundwater Remediation Form

Introduction	Use the following instructions to help guide you through the <i>Soil/Groundwater Remediation Form</i> .
Who should use this form?	This form should be submitted with new permit applications and applications to modify or alter existing sources.
Facility Information	• Air District Facility ID – The facility ID number is available on any permit or invoice issued by the Air District. This can be found in the upper right of the permit or the invoice. ➤ If this application is for a new facility (not currently permitted by the Air District), you must also submit a <i>Facility Creation Form</i> and <i>Facility Contacts Form</i>.
General Device Information	• Air District Device ID – For existing facilities, the device ID number can be found on the Permit to Operate to the left of the device name (for example: <u>S1</u> Sub-Slab Depressurization System). • Device/Operation Name – This is the name you associate with this operation. • Initial/Proposed Date of Operation: ○ For new construction, enter the date that you propose will be the initial date of operation. ○ For a modification of an existing permitted operation, enter the date that you propose the changes to occur. ○ For an existing operation that is not currently permitted by the Air District, enter the date for which the facility initially operated. • Device/Operation Description – This is your description of the device or operation. This field can be used to distinguish it from other similar devices (e.g. ID numbers, location, make, model, etc.)
Soil/Groundwater Remediation Type	Submit one form for <u>each</u> operation requiring a Permit to Operate. Select the type of remediation under section 6 and then fill out only the associated section below. Soil/Groundwater Remediation operations are broken up into four types: A. Air Stripping B. Soil Excavation Aeration C. Soil Vapor Extraction D. Sub-Slab Depressurization
Material Emission Factors	The material emission factor table should be filled out for whichever material is being processed by the remediation operation type (Water/Organics Mixture, Soil Contaminated - Organics, or Contaminated Soil Vapor).
Submission Information	All applications can be submitted through our Online Permitting System, by e-mail, or by mail: • Online Permitting System: https://www.baaqmd.gov/onlinepermitting • E-mail: permits@baaqmd.gov • Mail: Bay Area Air District, Engineering Division, 375 Beale Street, Suite 600, San Francisco, CA 94105
Still need help?	Contact the Engineering Division: (415) 749-4990 permits@baaqmd.gov

SOIL/GROUNDWATER REMEDIATION FORM



All fields are required unless otherwise noted. Please type or print.

1. Facility Information

Facility Name	Air District Facility ID (Existing facilities only)
Facility Address (Street address and city)	

2. General Device Information

Air District Device ID (If applicable)	
Device/Operation Name	Initial/Proposed Date of Operation
Device/Operation Description	

3. Operating Schedule – Select “Continuous” or specify specific schedule in the 4 columns

Continuous ☐	Maximum hours/day	Typical hours/day	Days/week	Weeks/year

4. Emission Train Information

With regard to emission flow, what abatement devices and/or emission points are *immediately* downstream of this source?

Abatement Devices: A- _____ A- _____ A- _____ Emission Points: P- _____ P- _____ P- _____

➤ Complete an Abatement Device Form and/or Emission Point Form for each connection.

5. Manufacturer Information

Equipment Manufacturer (Make)	Equipment Model

6. Soil/Groundwater Remediation Type – Select one operation type and complete only the corresponding section below

- ☐ Part A – Air Stripping ☐ Part C – Soil Vapor Extraction
☐ Part B – Soil Excavation Aeration ☐ Part D – Sub-Slab Depressurization

Part A – Air Stripping

Maximum Water Flow Rate	Water/Organics Mixture Maximum Annual Usage
gallons/min	gallons

Part B – Soil Excavation Aeration

Excavated Soil Volume	Soil Contaminated - Organics Maximum Annual Usage
cubic ft	tons

Part C – Soil Vapor Extraction

Maximum Air Blower Rate	Contaminated Soil Vapor Maximum Annual Usage
scfm	cubic ft

Part D – Sub-Slab Depressurization

Maximum Air Blower Rate	Contaminated Soil Vapor Maximum Annual Usage
scfm	cubic ft

All fields are required unless otherwise noted. Please type or print.

7. Material Emission Factors

Fill out the emission factor information for the Water/Organics Mixture, Soil Contaminated - Organics, or Contaminated Soil Vapor, depending on the remediation type.

- See Table A for a list of emission factor basis codes.

Material Emission Factors

Pollutant	Emission Factors (lb/unit)	Basis Code
Particulates		
Organics		
Nitrogen Oxides (NO _x)		
Sulfur Dioxide		
Carbon Monoxide		
Other:		
Other:		

8. Certification/Signature of person responsible for the information on this form

I hereby certify that I am authorized to complete this form and that all information contained herein is true and correct.

Name	Title	
Signature	Date	Phone (xxx-xxx-xxxx)

Table A. Basis Codes – For Emission Factor Tables

CODE	BASIS	CODE	BASIS	CODE	BASIS
1	Air District Regulation 9-7	5	EPA/CARB Certification	9	Other
2	CARB Certification	6	EPA Certification	10	Other Literature
3	CATEF	7	Manufacturer/Vendor Specification	11	Regulation
4	EPA AP-42	8	Material Balance	12	Source Test