

PROFILE INSTRUCTIONS

1. **Generator information** The generator of the spent carbon must provide all requested contact information. Completely fill in the mailing address of the generator of the spent carbon. The mailing address is where the manifest will be mailed and must match the manifest mailing address. Completely fill in the name of person responsible for completing the Profile Form and who can be contacted with questions concerning the Profile Form and/or shipment(s). The Site EPA Identification Number must be included if the spent carbon is hazardous.

2. **Consultant information** If a consultant or subcontractor is providing the profile information on behalf of the generator, the consultant information must be filled out entirely. Completely fill in the street address of the site location of the spent carbon if it is different from 1(a). The address must match the information for the EPA ID Number. If generator, site and/or consultant are the same, please indicate "same". If none, please state "none or n/a".

3. **Properties and Composition of the Spent Carbon** In addition to a specific description of the process generating the spent carbon enter the specific constituents on the carbon. Please be specific when entering the data in this field, see the examples below.

Example of unacceptable description of constituents: VOC's from soil vapor extraction, halogenated hydrocarbons, and other VOC's, etc.

Example of acceptable description of constituents: Groundwater remediation to remove benzene or BTEX from a LUST, groundwater remediation for tetrachloroethylene in the vicinity of a dry cleaner, etc. Please list the source of the contamination if known.

4. **Existing Profile Number** If there is an existing profile number for the spent carbon include the previous approved profile number and expiration date in this section.

5. **Type of Spent Carbon** Select the applicable carbon type vapor or aqua phased.

6. **Foreign Material** If the carbon contains any foreign materials such as dirt, rocks or other foreign materials, a representative sample must be sent to the Parker facility at the Arizona physical address for evaluation. A one pound sample is adequate. If nothing is present, please check off "no."

7. **Handling** Indicate the container in which the carbon will be shipped. Note: containers containing hazardous materials must meet general packaging requirements DOT 49 CFR 173.24. (a)(b).

8. **Free Liquid Range** An estimated range of free liquid accompanying the spent carbon must be selected.

9. **Liquid Flashpoint** If the flashpoint range of the free liquid has not yet been determined, please send a sample to SWT for analysis.

10. **pH Range** If the pH has not yet been determined, please send a sample to the SWT for analysis.

11. **Strong Odor** If the carbon contains a strong odor a sample must be sent to the Parker facility at the Arizona physical address for evaluation. A one pound sample is adequate.

12. **Superfund Site** If the spent carbon is from a Superfund site please check the "yes" box. A Superfund site is identified by the Comprehensive Environmental Response, Compensation and Liability Act of 1980, or the Superfund Amendments and Reauthorization Act of 1986 (SARA).

13. **Benzene NESHAP** If the spent carbon comes from a process meeting the requirements of 40 CFR 61.341, please check the "yes" box. The BWON Addendum must be completed and attached to the Profile Form. Total benzene analysis is required on BWON waste streams.

14. **Carbon Containing the Following** If the spent carbon contains any contaminants listed in items A-I on the Profile Form please check the appropriate box "yes".

- A. If the spent carbon contains PCBs the Addendum for Non-Regulated PCB Waste must be completed and attached to the Profile Form. Please note the required analysis for each shipment.
- B. Dioxins and/or furans will not be accepted at either the Parker or Red Bluff facility.
- C. If the spent carbon contains DBCP additional analysis and a review will be required before the profile can be approved.
- D. Sulfide or Cyanide will not be accepted at either the Parker or Red Bluff facility.
- E. Explosives, pyrophoric or radioactive material will not be accepted at either the Parker or Red Bluff facility.
- F. Infectious materials will not be accepted at either the Parker or Red Bluff facility.
- G. Shock sensitive material will not be accepted at either the Parker or Red Bluff facility.
- H. Oxidizers will not be accepted at either the Parker or Red Bluff facility.
- I. Heavy metals must be identified and totals, not TCLP, metals analysis must be conducted and attached to the Profile Form.

15. **Generator Classification** Indicate if the spent carbon is considered a hazardous waste under federal RCRA regulations. List all applicable waste codes. (Please see 40 CFR Part 261.31- 261.33 for listed waste codes and 40 CFR Part 261.21 – 261.24 for characteristic waste codes). The federal EPA and many states provide that a spent carbon may be classified as "sludge" when generated from an air pollution control facility municipal, commercial, or industrial wastewater treatment plant or a water supply treatment plant and the spent carbon contains no listed hazardous waste. To qualify for this exemption, the spent carbon must be returned to a reactivation facility where the spent carbon is reclaimed and the spent carbon must be generated in a state whose regulations provide for the classification of such spent carbon as a "sludge." If the spent carbon meets the requirements of 40 CFR 261.2(c)(3) and the state where it is generated, an Addendum for Sludge Exemption must be completed and submitted with the Profile Form. Note: It is the generator's responsibility to classify the spent carbon.

16. **Generator Classification** Indicate if the spent carbon is considered a hazardous waste under regulations of the state in which it is generated. If so, list all applicable state waste codes. Note: It is the generator's responsibility to classify the spent carbon.

17. **Land disposal restriction notification** The USEPA Hazardous Waste Land Disposal Restrictions require that every generator of restricted hazardous waste send a notification that describes the waste and its status under the Land Ban regulations. 40 CFR 268.

18. **Estimated annual carbon usage** Indicate an estimate of the annual carbon usage, in pounds per year, for the specific profile.

ANALYTICAL REQUIREMENTS

Analytical data on the spent carbon are required with each new Profile Form and with each renewal Profile Form even if the waste stream has not changed. Spent carbon should be analyzed for the constituents being treated in the waste stream. Analysis must have been performed within the last six (6) months by a state-certified laboratory, such as the Siemens Water Technologies Corp. laboratory.

RCRA Profiles only

RCRA hazardous profiles require additional testing; "11 RCRA Tests". A one-pint sample of the spent carbon must be submitted to Siemens Water Technologies Corp, Attn: Lab, 5375 S. Boyle Ave., Los Angeles, CA 90058. It is recommended the "11 RCRA Tests" be performed at by the Siemens Water Technologies Corp. lab in Vernon, CA because internal test methods are required.

PROFILE APPROVAL

Submit the completed electronic Profile Form and all required Addenda via email to your Siemens Water Technologies Corp. Sales Representative along with spent carbon samples for testing. Notification of approval will be forwarded to the consultant (if listed) or the generator via email. Upon receipt of your profile approval letter, contact your Siemens Water Technologies Corp. Sales Representative to schedule service and transportation.