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## SPENT MEDIA PROFILE SHEET

### Carbonair Environmental Systems, Inc.

#### Service Office Locations

Roseville, Minnesota

Salem, VA

San Marcos, Texas

Jacksonville, Florida

*For assistance in completing this form, please contact  
Keith Miller at 651-202-2956*

#### Mail, fax or email your completed form to:

Carbonair Environmental Systems, Inc.  
1480 County Road C West  
Roseville, MN 55113

Fax: 651-202-2985

Email: [kmiller@carbonair.com](mailto:kmiller@carbonair.com)

#### NOTICE

The information reported on the Spent Media Profile Sheet is required to insure that your spent media is safely recycled in compliance with applicable Federal and State laws. All generators must complete this Spent Media Profile Sheet before Carbonair can transport and dispose of a spent media.

Please fill out this form completely, answering each question. Include supplemental information and analyses when requested or when necessary. An incomplete profile, or one containing inaccurate information, will delay the acceptance process and could result in violations of waste management regulations.

Please ship the original copy of this form, an analytical report showing the typical influent concentrations treated by the media, and any TCLP laboratory results to the above shipping address. Retain a copy of this form for your records.

#### **Additional instructions attached**

# Spent Media Profile Sheet

## 1. Customer Information

Customer Name	EPA ID Number:
Generator Facility Address:	Facility contact:
	Phone: _____ Fax: _____
	Technical Contact:
	Phone: _____ Fax: _____
Mailing or Billing Address:	Purchasing Contact:
	Phone: _____ Fax: _____

## 2. Spent Media (SM) Generation Information

Describe your treatment process using the filter media (attach additional sheet if necessary)	
<b>SM type, mesh size, and amount:</b>	
<input type="checkbox"/> Activated Carbon	Brand Name _____ Mesh Size _____ Amount (dry basis) _____ lbs.
<input type="checkbox"/> Zeolite/Organoclay	Brand Name _____ Mesh Size _____ Amount (dry basis) _____ lbs.
<input type="checkbox"/> Activated Alumina	Brand Name _____ Mesh Size _____ Amount (dry basis) _____ lbs.
<input type="checkbox"/> Sand	Brand Name _____ Mesh Size _____ Amount (dry basis) _____ lbs.
<input type="checkbox"/> Ion Exchange Resin	Brand Name _____ Mesh Size _____ Amount (dry basis) _____ lbs.
<input type="checkbox"/> Other (specify): _____	Mesh Size _____ Amount (dry basis) _____ lbs.
Estimated Volume of treatment stream treated: _____ gallons	<b>Certification for potable water treatment.</b>  I certify that this carbon has been used to purify water from a public water supply meeting the requirements of the Safe Drinking Water Act and it is not a RCRA hazardous waste per 40 CFR 261. <input type="checkbox"/> Yes <input type="checkbox"/> No

Is this SM a RCRA Hazardous waste per 40CFR261? <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Sludge Determination (40CFR261.23(c)(3))</b> Was this SM used in water supply or wastewater treatment? <input type="checkbox"/> Yes <input type="checkbox"/> No  Was the SM used for Air Pollution Control? <input type="checkbox"/> Yes <input type="checkbox"/> No  Is this SM a Listed Hazardous Waste (40CFR261 Subpart D)? <input type="checkbox"/> Yes <input type="checkbox"/> No
Has this SM been used to treat a RCRA Hazardous Waste? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Has this SM been used at a CERCLA site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is the SM generated from a Petroleum UST site? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Is the SM generated from a Medical or Veterinary facility? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Was this SM used to treat PCB contaminated waste? <input type="checkbox"/> Yes <input type="checkbox"/> No	

### 3. Characteristics and Properties of SM

**Physical Properties: (Check if applicable)**

**pH Range:**  2  2.1 – 4  4.1 – 10  10.1 – 12.4  12.5

**SM Characteristics:**  
 Radioactive  Infectious  Shock Sensitive  Explosive  Putrescible  Strong Odor  Flash Point <140F  None of the Above

**SM Contains:**  
 Asbestos  Benzene  Cyanide Compounds  DBCP  Dioxins  Fluorides  Halogenated Organics  Oxidizers  PCBs  Sulfides  
 Vinyl Chloride  Reactives  Foreign Support Media  High Level of Inorganic Salts  Metals  None of the Above

### 4. SM Components

**Do you have a Laboratory Analysis for the influent concentrations to media of the waste stream treated?**  Yes  No

\*Please enclose if available. Carbonair maintains the right to require a current analysis prior to accepting spent media.

**Do you have a Laboratory Analysis for this SM?**  Yes  No **If Yes:**  Total Basis  TCLP

\*Please enclose if available. Carbonair maintains the right to require a current analysis prior to accepting spent media.

### 5. Shipping Information

**Proper DOT Shipping Name (per 40 CFR 172.101):**

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**Method of shipment:**  
 Bulk Trailer  Bulk Bags  Tote Bins  55-gallon drums  Other (specify) \_\_\_\_\_

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**Special Handling, Safety, or Other information (attach MSDS, if available):**

### 6. Certification

I certify that the information presented on this form and in all attached documentation is true and accurate and that all known or suspected hazards have been disclosed. The SM has been characterized according to 40 CFR 262.11, and, a representative sample of this SM has been provided to Carbonair Environmental Systems, Inc. (unless exempted). I am authorized by the above listed company or agency to make this certification.

I further certify that SM shipped to Carbonair, both current and future, shall conform to the above description and I agree to inform Carbonair immediately, in writing, of any non-conformity or changes to the SM or profile information. I understand that Carbonair is relying on the continuing nature of this certification.

I understand that if non-conforming SM is sent to Carbonair, the SM may be shipped back to the customer at Carbonair's discretion and at the customer's expense.

\_\_\_\_\_

Name (Type or Print)

\_\_\_\_\_

Signature

\_\_\_\_\_

Title (Type or Print)

\_\_\_\_\_

Date

SH

## SM Profile Sheet Instructions

The information reported on the Spent Media Profile Sheet (SMPS) is required for consideration of the spent media (SM) for transportation to, storage, and reactivation at the Carbonair facility. It is used along with other pertinent information to determine whether the SM can be transported and/or processed legally and safely. All sections are to be typed or printed clearly in ink.

### Section I – Customer Information

1. **Customer Name** – Enter the name of the facility generating the SM. This name is to be the same as that which will appear on the shipping papers and especially any Uniform Hazardous Waste Manifests. If the client requesting reactivation services is different from the generator of the SM, please explain.
2. **Generator Facility Address** – Enter the address of the location where the SM is generated. This address should be the one that corresponds to the EPA ID number for the facility.
3. **Mailing or Bill to Address** – Enter the address where correspondence and/or invoicing should be sent. If the address is the same as the facility, enter the word “same”.
4. **EPA ID Number** – Enter the twelve digit EPA Identification Number assigned to the facility generating the SM, if applicable. Include any state identification number if different from USEPA ID number.
5. **Facility Contact** – Enter the name of the individual who is knowledgeable of the SM process and responsible for the coordination of activities involving SM generation, removal and reactivation.
6. **Phone and Fax** – enter this data for the facility contact including area codes and any extension numbers.
7. **Technical Contact** – Enter the name of the individual to whom technical correspondence or specific questions regarding the SM should be addressed. This person should be responsible for the characterization of the SM at the site.
8. **Phone and Fax** – Enter this data for the technical contact including area codes and any extension numbers.
9. **Purchasing Contact** – Enter the name of the individual to whom invoicing should be addressed. This person should be responsible for procurement of media and/or SM services for the generating site. Or, enter here any other pertinent contact.
10. **Phone and Fax** – Enter this data for the purchasing contact including area contact including area codes and any extension numbers.

### Section II – Spent Media (SM) Generation Information

1. **Describe process generating the SM** – Provide a detailed description of the process in which the SM is generated. This entry is to include detailed information on the composition of the stream treated by the media, and process conditions. If the space provided is not enough to describe the process, attach an additional sheet.
2. **SM Type, Mesh Size, and Amount** - Enter the media type, brand name, mesh size, and amount on a dry basis.

3. Enter the estimated volume of waste treated by SM.
4. **Certification for potable water treatment** – If the SM is generated from the purification of a potable water supply (i.e., water supplied by a public water supply and meeting the requirements of the Safe Drinking Water Act), it may be approved using an abbreviated procedure. If this certification is not applicable check the box marked “N/A”. If applicable, check the certifications box and only complete sections I, II, III and VII on the form.
5. Answer the questions and provide explanation as needed on additional page.
6. **Sludge Exemption** – Some spent activated carbon meets the EPA definition of “sludge”. Under some circumstances, EPA does not consider sludge sent for reclamation a solid waste. Complete the answers under this heading if you want to claim your SM is not a waste.

### Section III – Characteristics and Properties of SM

**Physical properties** – Check any boxes that apply to this SM. Under “SM Contains” check appropriate boxes to indicate any items that may be present in the SM. Refer to appropriate regulation for definitions. For example, for explosive materials see 49 CFR 173.50, for PCBs see 40 CFR 761, for oxidizers see 49 CFR 173.151 and 173.127, for radioactives see 10 CFR 20.1103 and 42 USCA 2014(e). Complete the SM Constituents table by entering each adsorbate and the range of concentration expected to be found on the SM.

### Section IV – SM Components

Complete table and include the applicable laboratory analysis reports.

### Section V. Shipping Information

1. **Proper DOT Shipping Name** – Refer to 49 CFR 172.101 to determine the correct shipping name. Note that SM is not the same as virgin media due to the mixture with contaminants during use. Contaminants can provide characteristics for which other classifications apply. If no specific names apply, the material might be classified as “Hazardous waste, solid, n.o.s.: Class 9; NA 3077”. **If not regulated by DOT or EPA as hazardous, please enter “NON RCRA, Non Regulated”.**
2. **Method of shipment** – check appropriate box.
3. **Special Handling, Safety, or Other Information** – This section is extremely important to insure the proper and safe handling of the SM. You are requested to make a detailed examination of not only the SM but also the mechanical, toxicological and environmental aspects of handling and transporting the SM. This section should contain requirements for personal protective equipment and other safety equipment. It is strongly recommended that material safety data sheets be attached for the adsorbates contained on the SM.

### Section VI – Certification

Please read carefully. Only authorized personnel should complete this section.