

<u>SUBJECT</u>		<u>DATE</u>
1448.	Definitions of Inactive Portion, Active Portion and Closed Portion of a RCRA TSDF	AUG 12, 2021
1449.	Dangerous Waste Designations and Dangerous Waste Code Determinations	AUG 19, 2021
1450.	Method Detection Limits and Hazardous Waste Determinations	ENCORE AUG 26, 2021
1451.	Method Detection Limits and Hazardous Waste Determinations II	ENCORE SEP 2, 2021
1452.	Totals Analysis vs. TCLP and Dividing by 20	ENCORE SEP 9, 2021
1453.	Decharacterized RCRA Waste - Manifesting and LDR Reporting	ENCORE SEP 16, 2021
1454.	Decharacterized Hazardous Waste Listed Solely for Non-Toxic Characteristics	ENCORE SEP 23, 2021
1455.	Decharacterized Wastes and the LDR Dilution Prohibition	ENCORE SEP 30, 2021
1456.	The "Derived from Rule", the "Mixtures Rule", and the "Contained-In Policy"	ENCORE OCT 7, 2021
1457.	Hazardous Debris and Options to Exclude as a Dangerous Waste	OCT 14, 2021
1458.	Regulatory Status of Characteristic Baghouse Dust Destined for Reclamation	OCT 21, 2021

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## TWO MINUTE TRAINING

**TO:** CENTRAL PLATEAU CLEANUP COMPANY

**FROM:** PAUL W. MARTIN, RCRA Subject Matter Expert  
CPCCo Environmental Protection, Hanford, WA

**SUBJECT:** REGULATORY STATUS OF CHARACTERISTIC BAGHOUSE DUST DESTINED FOR RECLAMATION

**DATE:** OCTOBER 21, 2021

<u>CPCCo Projects</u>	<u>CPCCo Functionals</u>	<u>HMIS</u>	<u>Hanford Laboratories</u>	<u>Other Hanford Contractors</u>	<u>Other Hanford Contractors</u>
Richard Austin Tania Bates Bob Cathel Rene Catlow Richard Clinton Randal Fox Bailey Hardy Stuart Hildreth Sarah Horn Sasa Kosjerina Richard Lipinski Carlie Michaelis Stuart Mortensen Dave Richards Deborah Singleton Sean Sexton Dave Shea Phil Sheely Kat Thompson Jeff Westcott	Jeff Bramson Bob Bullock Frank Carleo Danielle Collins Jennifer Copeland Jeanne Elkins Ryan Fisher Jonathan Fullmer Leah Hare Steve Heninger John Hultman Julie Johanson Diane Leist Mitch Marrott Stewart McMahand Brian Mitcheltree Anthony Nagel Chris Plager Linda Petersen Brent Porter Dale Snyder Kat Thompson Wayne Toebe Daniel Turlington Britt Wilkins	Brett Barnes Michael Carlson Mike Demiter Kip George Jerry Cammann Garin Erickson Panfilo Gonzalez Jr. Dashia Huff Mark Kamberg Jon McKibben Saul Martinez Matt Mills Carly Nelson Eric Pennala Jon Perry Christina Robison Christian Seavoy David Shaw John Skoglie Lana Strickling Greg Sullivan	(TBD)  <u>DOE RL, ORP, WIPP</u>  Duane Carter Al Farabee Tony McKarns	Bill Bachmann Dean Baker Scott Baker Paul Crane Tina Crane Ron Del Mar John Dorian Mark Ellefson Darrin Faulk Rob Gregory James Hamilton Andy Hobbs Stephanie Johansen Ryan Johnson Megan Lerchen Mike Lowery Michael Madison Terri Mars Cary Martin Grant McCalmant Steve Metzger Tony Miskho Tom Moon Chuck Mulkey Michelle Oates Kirk Peterson	Dan Saueressig Joelle Moss Glen Triner Greg Varljen Robin Varljen Julie Waddoups Jay Warwick Ted Wooley

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## TWO MINUTE TRAINING

**SUBJECT:** Regulatory Status of Characteristic Baghouse Dust Destined for Reclamation

**Q:** A customer has baghouse dust that is a characteristic dangerous waste for chrome, D007. The baghouse dust is destined for reclamation. If the baghouse dust is destined for reclamation, is it exempt from RCRA hazardous waste regulation?

**A:** Table 1 of [WAC 173-303-016 \[40 CFR 261.2\]](#) indicates that materials are solid wastes if noted with an asterisk (\*) and that materials are not solid waste if NOT noted with an asterisk. This table includes a variety of wastes including spent materials, characteristic sludges, listed by-products, characteristic by-products, commercial chemical products, and scrap metal. Then corresponding management methods include use constituting disposal, energy recovery/fuel, reclamation, and speculative accumulation. This table indicates that a characteristic sludge destined for reclamation is not a solid waste and therefore cannot be a hazardous waste. Note that recycling via fuels blending would be considered energy recovery and not a form of reclamation.

[WAC 173-303-040](#), Definitions, [\[40 CFR 260.10\]](#), defines a "sludge" as "*any solid, semi-solid, or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility...*" Therefore, a solid waste generated from a commercial air pollution control facility (a baghouse) is by definition a sludge.

Since the baghouse dust is D007 characteristic hazardous waste, meets the definition of a sludge, and is destined for reclamation, it is not a solid waste and not regulated as a dangerous waste. Note that if the baghouse dust had been an F or K listed hazardous waste, the sludge would not have been a characteristic sludge, but a listed sludge and then be a solid waste and therefore regulated as a dangerous waste, if reclaimed.

Other materials that are not regulated as dangerous waste when reclaimed include characteristic by-products and commercial chemical products (U and P listed wastes). See the Table at WAC 173-303-016, [\[40 CFR 261.2\]](#) to ensure a complete understanding of which materials are regulated as solid wastes and which materials are not regulated as solid wastes and potentially dangerous wastes, when reclaimed.

### SUMMARY:

- A characteristic sludge when reclaimed is not a solid waste and therefore cannot be a hazardous waste.
- A baghouse dust meets the RCRA definition of "sludge".
- A characteristic baghouse dust destined for reclamation is not regulated as a dangerous waste.

WAC 173-303-016, Table 1 is attached to the e-mail. If you have any questions, contact me at [Paul\\_W\\_Martin@rl.gov](mailto:Paul_W_Martin@rl.gov) or at (509) 376-6620.

**FROM:** Paul W. Martin

**DATE:** 10/21/2021

**FILE:** 2MT\2021\102121.rtf

**PG:** 1

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**TWO MINUTE TRAINING – ATTACHMENT**

**SUBJECT:** Regulatory Status of Characteristic Baghouse Dust Destined for Reclamation

**WAC 173-303-016 Identifying solid waste.**

*(Materials noted with an "\*" in columns 1, 2, 3, or 4 of Table 1 are solid wastes.)*

TABLE 1

	Use constituting disposal WAC 173-303-016 (5)(a)	Energy recovery/ fuel WAC 173-303-016 (5)(b)	Reclamation WAC 173-303-016 (5)(c)	Speculative accumulation WAC 173-303-016 (5)(d)
Spent materials	(*)	(*)	(*)	(*)
Commercial chemical products	(*)	(*)	—	—
By-products listed in <a href="#">WAC 173-303-9904</a>	(*)	(*)	(*)	(*)
Sludges listed in WAC 173-303-9904	(*)	(*)	(*)	(*)
By-products exhibiting a characteristic <sup>1</sup> or criteria <sup>2</sup>	(*)	(*)	—	(*)
Sludges exhibiting a characteristic <sup>1</sup> or criteria <sup>2</sup>	(*)	(*)	—	(*)
Scrap metal that is not excluded under <a href="#">WAC 173-303-071</a> (3)(ff)	(*)	(*)	(*)	(*)

Note: The terms "spent materials," "sludges," "by-products," "scrap metal" and "processed scrap metal" are defined in [WAC 173-303-040](#).