

<u>SUBJECT</u>		<u>DATE</u>
1273.	"No Smoking" Signs and Tobacco-Free Facilities	APR 5, 2018
1274.	Aqueous Solutions and the Characteristic of Corrosivity	ENCORE APR 12, 2018
1275.	Aqueous Solutions and the Characteristic of Ignitability	ENCORE APR 19, 2018
1276.	PCB Bulk Product Wastes and the One Year Disposal Requirement	ENCORE APR 26, 2018
1277.	PCB Radioactive Wastes and Exception Reporting	ENCORE MAY 3, 2018
1278.	TSCA/PCB Determinations for Fluorescent Light Ballasts via the Manufacture Date	ENCORE MAY 10, 2018
1279.	RCRA Liquids, Free Liquids, and Releasable Liquids	ENCORE MAY 17, 2018
1280.	Satellite Accumulation Areas and the Three-Day Time Limit for Excess Accumulation	MAY 24, 2018
1281.	Satellite Accumulation of Aerosol Cans and Determining the 55-Gallon Limit	ENCORE MAY 31, 2018
1282.	Universal Waste and Basis for the One Year Accumulation Time Limit	ENCORE JUN 7, 2018
1283.	F001 Degreaser versus F002 Solvent	ENCORE JUN 14, 2018
1284.	Hazardous Waste Determinations and Phase Separation	ENCORE JUN 20, 2018
1285.	PCB Certificates of Disposal and Manifesting Between Related Facilities	JUN 28, 2018
1286.	PCB Concentrations and 10,000 PPM	ENCORE JUL 5, 2018
1287.	PCB Concentrations and 1,000 PPM	ENCORE JUL 12, 2018
1288.	Satellite Accumulation Containers and the Date of Accumulation Marking	JUL 19, 2018
1289.	Satellite Accumulation Requirements in Washington State	ENCORE JUL 26, 2018
1290.	Satellite Accumulation Areas and Under the Control of the Operator	AUG 2, 2018
1291.	Exceptions to Free Liquids in Landfills Prohibition	ENCORE AUG 9, 2018
1292.	Ampules and the Exception to Free Liquid in Landfills Prohibition	AUG 16, 2018
1293.	Overpacks vs. Salvage Drums	ENCORE AUG 23, 2018
1294.	Universal Wastes - Recycling versus Disposal	ENCORE AUG 30, 2018
1295.	Universal Waste One Year Accumulation and Multiple Handlers	ENCORE SEP 6, 2018
1296.	Universal Waste and Multiple Handlers at One Facility	SEP 13, 2018
1297.	Universal Waste, Satellite Accumulation and Centralized Collection Areas	SEP 20, 2018
1298.	Available Regulatory Relief from Underlying Hazardous Constituent (UHC) Requirements	ENCORE SEP 27, 2018
1299.	Satellite Accumulation and the One Year LDR Prohibitions on Storage	ENCORE OCT 4, 2018
1300.	Purpose of the <90-day Hazardous Waste Accumulation Conditional Exclusion	ENCORE OCT 11, 2018
1301.	Regulatory Status of Used Oil Mixed with Diesel Fuel	OCT 18, 2019
1302.	<b>Recyclable Chemicals and Zombie Destruction</b>	<b>ENCORE</b> OCT 25, 2018
1303.	Empty Containers and the "Empty" Label	NOV 1, 2018
1304.	Manifest Exception Report Submittal Timeframes – RCRA vs. TSCA	NOV 8, 2018
1305.	Smoke Detector Disposal and the NRC	ENCORE NOV 15, 2018
1306.	Smoke Detector Disposal and Well-Meaning Waste Minimization	ENCORE NOV 21, 2018
1307.	Characteristic Ignitable, Corrosive or Reactive Debris and Macroencapsulation	ENCORE NOV 29, 2018
1308.	Disposal Requirements for Hazardous Waste Treated to LDR Standards	ENCORE DEC 6, 2018
1309.	Disposal Relief for Listed Hazardous Debris Treated to LDR Standards	ENCORE DEC 13, 2018
1310.	"Twas the Night Before Christmas - The Twenty-Sixth Annual Edition	ENCORE DEC 20, 2018
1311.	Product Storage Tank Residues and Hazardous Waste Regulations	ENCORE DEC 27, 2018
1312.	RCRA Personnel Training and Classroom Training vs. Online Training	ENCORE JAN 3, 2019
1313.	Absorbent Additions and Treatment	ENCORE JAN 10, 2019
1314.	D002 Waste and Dilution as Adequate LDR Treatment	ENCORE JAN 17, 2019
1315.	The Definition of Good Housekeeping	JAN 24, 2019
1316.	Commercial Chemical Products and Unused Batteries	ENCORE JAN 31, 2019
1317.	Recycling of Non-Listed Commercial Chemical Products	ENCORE FEB 7, 2019
1318.	Generator On-Site Treatment Exemption	ENCORE FEB 14, 2019
1319.	Generator On-Site Treatment Exemption – State of Washington Requirements	ENCORE FEB 21, 2019
1320.	Decharacterized Waste Used as Dust Suppressant	FEB 28, 2019

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## TWO MINUTE TRAINING

**TO:** CH2M HILL PLATEAU REMEDIATION COMPANY

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

**SUBJECT:** DECHARACTERIZED WASTE USED AS DUST SUPPRESSANT

**DATE:** FEBRUARY 28, 2019

<u>CHPRC Projects</u>	<u>CH PRC - Env. Protection</u>	<u>MSA</u>	<u>Hanford Laboratories</u>	<u>Other Hanford Contractors</u>	<u>Other Hanford Contractors</u>
Richard Austin Tania Bates Rene Catlow Richard Clinton Larry Cole John Dent Lorna Dittmer Eric Erpenbeck Stuart Hildreth Mike Jennings Stephanie Johansen Sasa Kosjerina Melvin Lakes Richard Lipinski Jim McGrogan Stuart Mortensen Dave Richards Phil Sheely Connie Simiele Jennie Stults Jeff Westcott Jeff Widney	Bob Bullock Bill Cox Laura Cusack Jim Leary Anthony Nagel Linda Petersen Fred Ruck Ray Swenson Wayne Toebe Daniel Turlington Dave Watson	Brett Barnes Jerry Cammann Jeff Ehlis Garin Erickson Panfilo Gonzalez Jr. Dashia Huff Mark Kamberg Jon McKibben Saul Martinez Jon Perry Christina Robison Lana Strickling Lou Upton	(TBD)  <u>DOE RL, ORP, WIPP</u>  Mary Beth Burandt Duane Carter Cliff Clark Tony McKarns	Bill Bachmann Dean Baker Scott Baker Lucinda Borneman Paul Crane Tina Crane Ron Del Mar John Dorian Mark Ellefson Tom Gilmore Rob Gregory James Hamilton Andy Hobbs Ryan Johnson Megan Lerchen Charles (Mike) Lowery Michael Madison Terri Mars Cary Martin Grant McCalmant Steve Metzger Tony Miskho Matt Mills Tom Moon Chuck Mulkey Kirk Peterson	Jean Quigley Dan Saueressig Merrie Schilperoort Joelle Moss Glen Triner Greg Varljen Julie Waddoups Jay Warwick Ted Wooley

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## TWO MINUTE TRAINING

**SUBJECT:** Decharacterized Waste Used as Dust Suppressant

**Q:** A customer has two 1,000-gallon tanks of wastewater. One tank contains landfill leachate that meets the hazardous waste listing description for F039. The other tank contains wastewater that exhibits the hazardous waste characteristic of corrosivity, D002, and has no underlying hazardous constituents (UHCs). The customer treated the D002 and F039 wastewaters to meet their respective land disposal restriction (LDR) treatment standards and proposed using the treated wastewaters for dust suppression on the facility's dirt roads. Can the customer apply these treated wastewaters to dirt roads for use as a dust suppressant?

**A:** Concerning the F039 treated wastewater, the customer cannot use this wastewater for dust suppression since the wastewater is still an F039 hazardous waste. Even though the wastewater has met the LDR treatment standards, the customer must still dispose of the wastewater in a RCRA approved unit, e.g., solidified and disposed in a RCRA landfill, or thermally disposed in a RCRA incinerator, etc.

Concerning the D002 treated wastewater, the customer can use this wastewater for dust suppression since the wastewater is no longer a hazardous waste and has met the applicable LDR treatment standards. As clarified in an EPA RCRA Hotline Report ([Faxback 14315](#)) dated October 1, 1998:

*“A characteristic hazardous waste that has been decharacterized and meets LDR treatment standards may be used as a dust suppressant. The Section [266.23\(b\)](#) prohibition applies to materials that are hazardous wastes or that are mixed with a hazardous waste. A characteristic hazardous waste that has been decharacterized is not subject to the prohibition because it is no longer hazardous. Use of the decharacterized waste as a dust suppressant would be allowable assuming the resulting product is being legitimately recycled. Before placement on the land, however, the product must fully meet applicable LDR requirements. D002 wastes must be treated to remove the characteristic of corrosivity, as well as meet universal treatment standards for underlying hazardous constituents (Section [268.40](#)). Treatment must be achieved in a manner that does not constitute impermissible dilution (Section [268.3](#)).*

*While decharacterized wastes may be used for dust suppression, listed hazardous wastes remain prohibited from such use even after treatment to meet LDR standards, because these wastes continue to carry a listing. The use of used oil as a dust suppressant is also prohibited (Section [279.82](#)).”*

Therefore, the customer could use the formerly D002 treated wastewater for dust suppression but could not use the currently F039 treated wastewater. The only option for using the F039 wastewater for dust suppression would be to delist the F039. Once delisted and a nonhazardous waste the formerly F039 treated wastewater could be used for dust suppression.

### SUMMARY:

- Hazardous or dangerous wastes are prohibited from use as a dust suppressant.
- Treated listed wastewaters cannot be used for dust suppression since the waste is still a hazardous waste.
- Treated characteristic wastewaters can be used for dust suppression since the waste is a nonhazardous waste.

The October 1, 1998, RCRA Hotline Report is attached to the e-mail. If you have any questions, please contact me at [Paul W Martin@rl.gov](mailto:Paul_W_Martin@rl.gov) or at (509) 376-6620.

**FROM:** Paul W. Martin

**DATE:** 2/28/19

**FILE:** 2MT\2019\022819.rtf

**PG:** 1

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## TWO MINUTE TRAINING – ATTACHMENT

**SUBJECT:** Decharacterized Waste Used as Dust Suppressant

EPA530-R-98-005j  
SUB-9224-98-010

### 2. Prohibition on the Use of Hazardous Waste as Dust Suppressant

RCRA prohibits the use of materials contaminated with dioxins or any other hazardous waste (other than wastes which are hazardous solely for exhibiting the characteristic of ignitability) for dust suppression or road treatment (40 CFR Section 266.23(b)). If a person treats a corrosive waste (D002) to remove the characteristic of corrosivity and to meet land disposal restrictions (LDR), can this waste be used as a dust suppressant?

A characteristic hazardous waste that has been decharacterized and meets LDR treatment standards may be used as a dust suppressant. The Section 266.23(b) prohibition applies to materials that are hazardous wastes or that are mixed with a hazardous waste. A characteristic hazardous waste that has been decharacterized is not subject to the prohibition because it is no longer hazardous. Use of the decharacterized waste as a dust suppressant would be allowable assuming the resulting product is being legitimately recycled. Before placement on the land, however, the product must fully meet applicable LDR requirements. D002 wastes must be treated to remove the characteristic of corrosivity, as well as meet universal treatment standards for underlying hazardous constituents (Section 268.40). Treatment must be achieved in a manner that does not constitute impermissible dilution (Section 268.3).

While decharacterized wastes may be used for dust suppression, listed hazardous wastes remain prohibited from such use even after treatment to meet LDR standards, because these wastes continue to carry a listing. The use of used oil as a dust suppressant is also prohibited (Section 279.82).

Faxback 14315

**FROM:** Paul W. Martin

**DATE:** 2/28/19

**FILE:** 2MT\2019\022819.rtf

**PG:** 2

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