

<u>SUBJECT</u>		<u>DATE</u>
1056. PCB Reporting and Recordkeeping Relief	ENCORE	JAN 12, 2014
1057. Commercial Chemical Products and Unused Batteries	ENCORE	JAN 16, 2014
1058. PCB Annual Records Retention Timeframes		JAN 31, 2014
1059. Satellite Accumulation within a ≤90-day Accumulation Area		FEB 7, 2014
1060. PCB Certificate of Disposal Relief	ENCORE	FEB 13, 2014
1061. Used Oil and Weekly Inspections		FEB 20, 2014
1062. Bags and RCRA Container Definition		FEB 27, 2014
1063. Product Storage Tank Residues and Hazardous Waste Regulations	ENCORE	MAR 6, 2014
1064. Spent Lead-Acid Batteries and Accumulation Time Limits		MAR 13, 2014
1065. Land Disposal Restrictions and Dates of Accumulation		MAR 23, 2014
1066. Universal Waste Accumulation Time Limits and the One Year Rule		MAR 29, 2014
1067. PCB Manifest Discrepancy Reports and Estimated Waste Weights		APR 6, 2014
1068. PCB Wastes, Independent Transporters and Confirmation of Receipt		APR 10, 2014
1069. Paint Wastes and The Applicability of the F001-F005 Listings to Ingredients	ENCORE	APR 20, 2014
1070. Other Paint Wastes and the Applicability of the F001-F005 Listings	ENCORE	APR 24, 2014
1071. Multiple Characteristic Hazardous Waste Codes and Underlying Hazardous Constituents		MAY 1, 2014
1072. TSCA "No PCBs" versus "Non-PCBs" versus "Nondetectable PCBs"	ENCORE	MAY 8, 2014
1073. Purpose of Keeping a Hazardous Waste Container Closed	ENCORE	MAY 15, 2014
1074. PCB Containers and Multiple Removed From Service Dates		MAY 22, 2014
1075. Satellite Accumulation and RCRA Personnel Training		MAY 29, 2014
1076. Transporter Signatures on Hazardous Waste Manifest and Multiple Drivers		JUN 5, 2014
1077. Universal Waste and Nonhazardous Batteries		JUN 12, 2014
1078. Universal Waste and Incandescent Bulbs		JUN 19, 2014
1079. The PCB Mark and the Fields "Also Contact" and "Tel No"	ENCORE	JUN 29, 2014
1080. Halon Fire Extinguishers - Banned or Not Banned?	ENCORE	JUL 5, 2014
1081. Cabinets as RCRA Containers	ENCORE	JUL 13, 2014
1082. LDR Storage Prohibitions and Treated Wastes	ENCORE	JUL 17, 2014
1083. LDR Treatment Standards and F001 "Chlorinated Fluorocarbons"	ENCORE	JUL 24, 2014
1084. RCRA Regulatory Status of Chlorinated Fluorocarbons Used as Refrigerants	ENCORE	JUL 31, 2014
1085. Universal Wastes, Manifesting and DOT Shipping Names		AUG 7, 2014
1086. CERCLA Hazardous Substances – A Brief Definition		AUG 14, 2014
1087. CERCLA Hazardous Substances – The Petroleum Exclusion		AUG 21, 2014
1088. PCB Concentration Assumptions for Use vs. PCB Disposal	ENCORE	AUG 28, 2014
1089. Universal Waste and Basis for the One Year Accumulation Time Limit		SEP 4, 2014
1090. Product Spills and Waste Determinations	ENCORE	SEP 11, 2014
1091. PCB Concentrations and 10,000 PPM		SEP 18, 2014
1092. PCB Concentrations and 1,000 PPM		SEP 25, 2014
1093. Universal Waste Alkaline Batteries and Self-Transportation		OCT 2, 2014
1094. Universal Waste Lithium Batteries and Self-Transportation		OCT 9, 2014
1095. Universal Waste Batteries and Closed Containers	ENCORE	OCT 16, 2014
1096. PCB Containers and Concentration of PCBs		OCT 23, 2014
1097. Recyclable Chemicals and Zombie Destruction		OCT 31, 2014
1098. Satellite Accumulation Requirements in Washington State	ENCORE	NOV 6, 2014
1099. Satellite Accumulation and "At or Near"		NOV 13, 2014
1100. Regulatory Status of Chromated, Copper, Arsenate, (CCA) Wood as Wood Mulch	ENCORE	NOV 20, 2014
1101. Defining Criteria for Household Waste Exclusion	ENCORE	NOV 26, 2014
1102. The Household Waste Exclusion and Renovation Debris		DEC 4, 2014
1103. The Household Waste Exclusion and Renovation Debris – Part II		DEC 11, 2014

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## TWO MINUTE TRAINING

**TO:** CH2M HILL PLATEAU REMEDIATION COMPANY

**FROM:** PAUL W. MARTIN, Senior Environmental Compliance Officer  
CHPRC Environmental Protection, Hanford, WA

**SUBJECT:** THE HOUSEHOLD WASTE EXCLUSION AND RENOVATION DEBRIS – PART II

**DATE:** DECEMBER 11, 2014

<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 Ty Blackford Bob Cathel Rene Catlow Richard Clinton Larry Cole John Dent Brian Dixon Eric Erpenbeck Stuart Hildreth Mike Jennings Stephanie Johansen Jeanne Kisielnicki Melvin Lakes Jim McGrogan Stuart Mortensen Anthony Nagel Dean Nester Dave Richards Phil Sheely Connie Simiele Roni Swan Michael Waters Jeff Westcott Jeff Widney	Brett Barnes Ron Brunke Bill Cox Lorna Dittmer Rick Engelmann Ted Hopkins Jim Leary Dale McKenney Jon McKibben Rick Oldham Linda Petersen Fred Ruck Jennie Seaver Wayne Toebe Lee Tuott Daniel Turlington Dave Watson Joel Williams	Jerry Cammann Jeff Ehlis Garin Erickson Lori Fritz Panfilo Gonzales Jr. Dashia Huff Mark Kamberg Edwin Lamm Candice Marple Saul Martinez Jon Perry Thomas Pysto Don Rokkan Lana Strickling Lou Upton Christina Zerby	Alan Campbell Grant McCalmant  <u>DOE RL, ORP, WIPP</u>  Mary Beth Burandt Cliff Clark Mike Collins Tony McKarns Ellen Mattlin Greg Sinton Scott Stubblebine	Bill Bachmann Dean Baker Scott Baker Lucinda Borneman Paul Crane Tina Crane Greta Davis Jeff DeLine Ron Del Mar John Dorian Mark Ellefson Darrin Faulk Joe Fritts Tom Gilmore Rob Gregory Gene Grohs James Hamilton Andy Hobbs Ryan Johnson Dan Kimball Megan Lerchen Richard Lipinski Charles (Mike) Lowery Michael Madison Terri Mars Cary Martin Steve Metzger Tony Miskho Matt Mills Tom Moon Chuck Mulkey Judith Nielsen Mandy Pascual Kirk Peterson Jean Quigley	Mark Rollison Dan Saueressig Merrie Schilperoort Joelle Stamm Glen Triner Greg Varljen Julie Waddoups Kyle Webster Ted Wooley

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## TWO MINUTE TRAINING

**SUBJECT:** The Household Waste Exclusion and Renovation Debris – Part II

**Q:** Last week's "Two Minute Training" (2MT) stated EPA's clarification that household renovation debris with lead-based paints (LBP) is eligible for the household waste (HHW) exclusion but what about all the other types of renovation debris generated in households, are they also eligible for the HHW exclusion?

**A:** Per the [December 18, 1998, Federal Register](#) on page 70241, EPA stated:

*"Although the Agency stated in 1984 that waste from renovation should not be covered by the household waste exclusion (because the waste was not composed primarily of materials routinely generated by consumers in a home), it has become evident that more and more residents are engaging in renovation or remodeling of their homes. This is strongly suggested by the greatly increased number of building permits that have been issued throughout the country for renovation of residences. EPA believes that, although many renovation and remodeling efforts are conducted by professional contractors, more and more are done by residents on their own. This may be shown, in part, by the widespread openings of home improvement stores throughout the United States which cater to do-it-yourselfers. It is also evident from: (a) The doubling of retail sales of lumber and other materials to consumers over the last 10 years from \$45 to \$89 billion; (b) steady increases of approximately 25% in hardware sales every 5 years; (c) the increase in consumers' purchase of home improvement products from \$38 to \$90 billion between 1980 and 1995; and (d) the projected increase in sales of home improvement products to consumers to almost \$115 billion by the year 2000 (Ref. 9). Thus, EPA now believes that LBP waste resulting from renovation or remodeling efforts conducted by residents of households does meet the two criteria for the household exclusion outlined above (i.e., the waste is generated by individuals in a household and it is of the type that consumers generate routinely in their homes)."*

Since more and more homeowners are doing renovation work, renovation wastes have become a routinely generated household waste. Therefore if renovation waste meets the two criteria for the household hazardous waste exclusion, i.e., is generated by individuals in a household (homeowners or contractors) and is routinely generated consumer type waste, then any type of renovation waste can be eligible for the HHW exclusion – if it meets the two criteria.

### SUMMARY:

- In 1984, EPA stated that renovation wastes were not covered by the household waste exclusion.
- Since then, more and more households are routinely generating renovation wastes and routine generation of consumer type waste is one of two criteria for meeting the HHW exclusion.
- If renovation waste meets the two criteria (household generated and consumer type waste), then renovation waste can be eligible for the household waste exclusion.

Nothing is attached to the e-mail. If you have questions, contact me at "Paul\_W\_Martin@rl.gov" or at (509) 376-6620.

**FROM:** Paul W. Martin

**DATE:** 12/11/14

**FILE:** c:\...\2MT\2014\121114.rtf

**PG:** 1

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