

<u>SUBJECT</u>		<u>DATE</u>
1339. The Hazardous Waste Characteristic of Reactivity (D003)	ENCORE	JUL 11, 2019
1340. Central Accumulation Areas and Signage Requirements		JUL 18, 2019
1341. RCRA EPA Identification Numbers – Site Specifics	ENCORE	JUL 25, 2019
1342. RCRA EPA Identification Numbers – Transporters	ENCORE	AUG 1, 2019
1343. Paint Wastes and the Applicability of the F001-F005 Listings to Ingredients	ENCORE	AUG 8, 2019
1344. F Listings and Ingredients in Commercial Chemical Product Formulations	ENCORE	AUG 15, 2019
1345. PCB Containers and $\geq 50$ ppm	ENCORE	AUG 22, 2019
1346. CERCLA Hazardous Substances – The Petroleum Exclusion	ENCORE	AUG 29, 2019
1347. PCB Concentration Assumptions for Use vs. PCB Disposal	ENCORE	SEP 5, 2019
1348. RCRA LR One-Year Storage Prohibition vs., PCB One-Year Disposal Time Limit		SEP 12, 2019
1349. Regulatory Status of PCB Remediation Wastes Disposed Prior to April 18, 1978	ENCORE	SEP 19, 2019
1350. Regulatory Status of PCB Remediation Wastes Disposed Prior to April 18, 1978 – A Follow-Up		SEP 26, 2019
1351. PCB Waste Regulation and April 18, 1978 vs. July 2, 1979		OCT 3, 2019
1352. PCB Waste Storage Limitations and the One-Year Extension	ENCORE	OCT 10, 2019
1353. PCB Waste Storage Limitations and the PCB Radioactive Waste Exemption	ENCORE	OCT 17, 2019
1354. LDR One-Year Storage Prohibition and Generator Permitted Storage	ENCORE	OCT 24, 2019
1355. LDR Notification/Certification and Generator Permitted Storage		OCT 31, 2019
1356. Disposing of PCB Ballasts with PCB Potting Material	ENCORE	NOV 7, 2019
1357. Fluorescent Light Ballasts and PCB Annual Reporting	ENCORE	NOV 14, 2019
1358. Multiple Characteristic Hazardous Waste Codes and Underlying Hazardous Constituents	ENCORE	NOV 21, 2019
1359. Multiple Characteristic and Listed Hazardous Waste Codes and the “in lieu of” LDR Principle	ENCORE	NOV 26, 2019
1360. Universal Waste Lamps and Prohibition on Crushing	ENCORE	DEC 5, 2019
1361. Used Oil and Weekly Inspections	ENCORE	DEC 12, 2019
1362. Used Oil and Keeping Containers Closed – Washington State vs. the Feds	ENCORE	DEC 19, 2019
1363. ‘Twas the Night Before Christmas – The Twenty-Sixth Annual Edition		DEC 24, 2019
1364. Generator Weekly Inspection Log Documentation – Federal vs. WA State	ENCORE	JAN 2, 2020
1365. PCB Reporting and Recordkeeping Relief	ENCORE	JAN 9, 2020
1366. Satellite Accumulation and Product Vessel Cleanouts	ENCORE	JAN 16, 2020
1367. TSDF Requirements When Shipping Dangerous Waste to another TSDF		JAN 23, 2020
1368. The Hazardous Waste Manifest Instructions – Where did they go?		JAN 30, 2020
1369. The Mixtures Rule – Washington State vs. The Feds	ENCORE	FEB 6, 2020
1370. Used Oil and the Rebuttable Presumption		FEB 13, 2020
1371. Used Oil, Secondary Containment and Response to Spills	ENCORE	FEB 20, 2020
1372. Used Oil Eligibility for Animal and Vegetable Oils	ENCORE	FEB 27, 2020
1373. Used Oil Eligibility for Petroleum Oils Mixed with Animal or Vegetable Oils	ENCORE	MAR 5, 2020
1374. Mercury Wet Cell Batteries - Debris or Not Debris?	ENCORE	MAR 12, 2020
1375. Hazardous Debris and Non-Radioactive Lead-Acid Batteries	ENCORE	MAR 19, 2020
1376. Radioactively Contaminated Lead-Acid Batteries and Hazardous Debris	ENCORE	MAR 26, 2020
1377. <b>MACRO</b> encapsulation vs. macroencapsulation	ENCORE	APR 2, 2020
1378. PCB Storage for Disposal and RCRA $\leq 90$ -Day Central Accumulation Areas	ENCORE	APR 9, 2020
1379. The PCB Mark and PCB Storage for Disposal Areas	ENCORE	APR 16, 2020

## TWO MINUTE TRAINING

**TO:** CH2M HILL PLATEAU REMEDIATION COMPANY

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

**SUBJECT:** THE PCB MARK AND PCB STORAGE FOR DISPOSAL AREAS

**DATE:** APRIL 16, 2020

<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 Laura Cusack John Dent Lorna Dittmer Stuart Hildreth Mike Jennings Stephanie Johansen Sasa Kosjerina Melvin Lakes Richard Lipinski Stuart Mortensen Dave Richards Phil Sheely Connie Simiele Jeff Westcott	Jeff Bramson Bob Bullock Frank Carleo Danielle Collins Bill Cox Jeanne Elkins Ryan Fisher Jonathan Fullmer Barry Lawrence Diane Leist Mitch Marrott Stewart McMahand Brian Mitcheltree Anthony Nagel Linda Petersen Sean Sexton Dave Shea Kat Thompson Wayne Toebe Eric Trotta Daniel Turlington Dave Watson	Brett Barnes Michael Carlson Mike Demiter Kip George Jerry Cammann Jeff Ehlis Garin Erickson Panfilo Gonzalez Jr. Dashia Huff Mark Kamberg Jon McKibben Saul Martinez Matt Mills Carly Nelson Michelle Oates Eric Pennala Jon Perry Christina Robison Christian Seavoy David Shaw John Skogleie Lana Strickling Greg Sullivan	(TBD)  <u>DOE RL, ORP, WIPP</u>  Mary Beth Burandt Duane Carter Al Farabee Tony McKarns	Bill Bachmann Dean Baker Scott Baker Lucinda Borneman Paul Crane Tina Crane Ron Del Mar John Dorian Mark Ellefson Darrin Faulk Rob Gregory James Hamilton Andy Hobbs Ryan Johnson Megan Lerchen Mike Lowery Michael Madison Terri Mars Cary Martin Grant McCalmant Steve Metzger Tony Miskho Tom Moon Chuck Mulkey Kirk Peterson	Dan Saueressig Joelle Moss Glen Triner Greg Varljen Julie Waddoups Jay Warwick Ted Wooley

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## TWO MINUTE TRAINING

**SUBJECT:** The PCB Mark and PCB Storage for Disposal Areas

**Q:** During an internal audit, a customer notes a sign at their PCB Storage for Disposal area that states, "Storage Area for PCBs". The customer is concerned that this wording might not meet the requirements of [40 CFR 761.40](#), "Marking of PCBs and PCB Items". Should the customer be concerned?

**A:** Yes.

Per 40 CFR 761.40(a)(10) it basically states that each storage area used to store PCBs and PCB Items for disposal shall be marked with the mark as illustrated in Figure 1 in [40 CFR 761.45\(a\)](#). This is the same PCB mark that is applied to PCB containers, PCB transformers, PCB large high voltage capacitors, PCB equipment, etc., as illustrated below.



**Figure 1**

Therefore, if a PCB storage for disposal facility is marked in a manner that does not match the illustration at 40 CFR 761.45(a), Figure 1, a PCB marking violation could occur.

### SUMMARY:

- A PCB storage for disposal facility must be marked with the PCB Mark.
- The PCB Mark format is illustrated at 40 CFR 761.45(a), Figure 1.
- Any variation of the PCB mark could result in a PCB marking violation.

Excerpts from 40 CFR 761.40 and 761.45 are 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:** 4/16/2020

**FILE:** 2MT\2020\041620.rtf

**PG:** 1

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## TWO MINUTE TRAINING – ATTACHMENT

**SUBJECT:** The PCB Mark and PCB Storage for Disposal Areas

### Subpart C—Marking of PCBs and PCB Items

#### § 761.40 Marking requirements.

(a) Each of the following items in existence on or after July 1, 1978 shall be marked as illustrated in Figure 1 in §761.45(a): The mark illustrated in Figure 1 is referred to as ML throughout this subpart.

- (1) PCB Containers;
- (2) PCB Transformers at the time of manufacture, at the time of distribution in commerce if not already marked, and at the time of removal from use if not already marked. [Marking of PCB-Contaminated Electrical Equipment is not required];
- (3) PCB Large High Voltage Capacitors at the time of manufacture, at the time of distribution in commerce if not already marked, and at the time of removal from use if not already marked;
- (4) Equipment containing a PCB Transformer or a PCB Large High Voltage Capacitor at the time of manufacture, at the time of distribution in commerce if not already marked, and at the time of removal of the equipment from use if not already marked;
- (5) PCB Large Low Voltage Capacitors at the time of removal from use (see also paragraph (k) of this section).
- (6) Electric motors using PCB coolants (See also paragraph (e) of this section).
- (7) Hydraulic systems using PCB hydraulic fluid (See also paragraph (e) of this section);
- (8) Heat transfer systems (other than PCB Transformers) using PCBs (See also paragraph (e) of this section);
- (9) PCB Article Containers containing articles or equipment that must be marked under paragraphs (a)(1) through (8) of this section;
- (10) Each storage area used to store PCBs and PCB Items for disposal.

#### §761.45 Marking formats.

The following formats shall be used for marking:

(a) *Large PCB Mark—ML.* Mark ML shall be as shown in Figure 1, letters and striping on a white or yellow background and shall be sufficiently durable to equal or exceed the life (including storage for disposal) of the PCB Article, PCB Equipment, or PCB Container. The size of the mark shall be at least 15.25 cm (6 inches) on each side. If the PCB Article or PCB Equipment is too small to accommodate this size, the mark may be reduced in size proportionately down to a minimum of 5 cm (2 inches) on each side.