

<u>SUBJECT</u>		<u>DATE</u>
1188. RCRA Empty Containers vs. TSCA PCB Decontaminated Containers - Scenario II	ENCORE	AUG 11, 2016
1189. RCRA Empty Containers vs. TSCA PCB Decontaminated Containers - Scenario III	ENCORE	AUG 18, 2016
1190. Product Spills and Waste Determinations	ENCORE	AUG 25, 2016
1191. Product Spills, Waste Determinations, and LDR	ENCORE	SEP 1, 2016
1192. Regulatory Status of Caustic Rinse Waters Contaminated with Trace Solvents	ENCORE	SEP 8, 2016
1193. Regulatory Status of Sand Blast Grit Contaminated with Trace Listed Solvents	ENCORE	SEP 15, 2016
1194. Hazardous Waste "F" Listings and Trace Contamination	ENCORE	SEP 22, 2016
1195. Hazardous Waste "F" Listings and Trace Contamination – Again!	ENCORE	SEP 29, 2016
1196. Hazardous Waste Determinations and Phase Separation		OCT 6, 2016
1197. Asbestos and DOT Relief	ENCORE	OCT 13, 2016
1198. PCB Containers and Concentration of PCBs	ENCORE	OCT 20, 2016
1199. PCB Analytical Waste Disposal Requirements	ENCORE	OCT 27, 2016
1200. PCB Analytical Waste Disposal Requirements – Water vs. Organic Liquids and Non-aqueous Inorganic Liquids		NOV 3, 2016
1201. Listed Waste Codes and Pre-RCRA Wastes	ENCORE	NOV 10, 2016
1202. Purpose of the ≤90-day Hazardous Waste Accumulation Exemption		NOV 17, 2016
1203. Used Oil Eligibility for Turkey and Ham Oils	ENCORE	NOV 23, 2016
1204. PCB Reporting and Recordkeeping Relief	ENCORE	DEC 1, 2016
1205. Defining Criteria for Household Waste Exclusion	ENCORE	DEC 8, 2016
1206. The Household Waste Exclusion and Renovation Debris	ENCORE	DEC 15, 2016
1207. 'Twas the Night before Christmas – The Twenty-Fourth Annual Edition		DEC 24, 2016
1208. The Household Waste Exclusion and Renovation Debris – Part II	ENCORE	DEC 29, 2016
1209. Absorbent Additions and Treatment		JAN 5, 2017
1210. Frozen RCRA Wastewater - DOT Liquid or Solid When Manifested?	ENCORE	JAN 12, 2017
1211. DOT Marking Specifications for the "UN", "NA" and "ID" Markings		JAN 19, 2017
1212. Satellite Accumulation within a ≤90-day Accumulation Area	ENCORE	JAN 26, 2017
1213. Washington State-Only Dangerous Waste Markings – Accumulation vs. Pre-Transport	ENCORE	FEB 2, 2017
1214. RCRA Empty Tanker Trailers and Listed Waste Codes	ENCORE	FEB 9, 2017
1215. RCRA Empty vs. DOT Empty	ENCORE	FEB 16, 2017
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1217. Multiple Characteristic Hazardous Waste Codes and Underlying Hazardous Constituents	ENCORE	MAR 2, 2017
1218. Multiple Characteristic and Listed Hazardous Waste Codes and the "in lieu of" LDR Principle	ENCORE	MAR 9, 2017
1219. LDR Storage Prohibitions and the One-Year Rule	ENCORE	MAR 16, 2017
1220. LDR Storage Prohibitions and Treated Wastes	ENCORE	MAR 23, 2017
1221. LDR Storage Prohibitions and Treated Hazardous Debris or Contaminated Soil		MAR 30, 2017
1222. LDR Requirements for Universal Wastes		APR 6, 2017
1223. LDR Requirements for Spent Lead-Acid Batteries Being Reclaimed		APR 13, 2017
1224. When is When Defined for the RCRA Phrase "When Reclaimed"?	ENCORE	APR 20, 2017
1225. RCRA Characteristic of Ignitability and DOT Oxidizers	ENCORE	APR 27, 2017
1226. Safety Data Sheets (SDSs) and Hazardous Wastes	ENCORE	MAY 4, 2017
1227. Containers and Tanks – RCRA Wastes vs. TSCA PCB Wastes	ENCORE	MAY 11, 2017
1228. Universal Waste Lamps and Prohibition on Crushing	ENCORE	MAY 18, 2017
1229. Operating Record vs. Operating Log		MAY 25, 2017
1230. Operating Records Not Referenced in "Facility Recordkeeping"		JUN 1, 2017
1231. Used Oil and Weekly Inspections	ENCORE	JUN 8, 2017
1232. Used Oil, Secondary Containment and Response to Spills	ENCORE	JUN 15, 2017
1233. Used Oil and Keeping Containers Closed – Washington State vs. The Feds	ENCORE	JUN 21, 2017
1234. DOT Shipping of Damaged, Defective or Recalled Lithium Batteries	ENCORE	JUN 29, 2017
1235. Conditioned Exclusion for Listed Hazardous Waste Debris Treated via Extraction/Destruction	ENCORE	JUL 6, 2017
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1238. Office Waste Management	ENCORE	JUL 27, 2017
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1243. Paint Wastes and The Applicability of the F001-F005 Listings to Ingredients	ENCORE	AUG 31, 2017
1244. F Listings and Ingredients in Commercial Chemical Product Formulations		SEP 7, 2017
1245. LDR Waste That is Both Listed and Characteristic Hazardous Wastes	ENCORE	SEP 14, 2017
1246. Mercury Wet Cell Batteries - Debris or Not Debris?	ENCORE	SEP 21, 2017
1247. The "POLYM" Alternative Treatment Standard for Certain D001 Hazardous Wastes	ENCORE	SEP 28, 2017
1248. Elementary Neutralization and RCRA Requirements	ENCORE	OCT 5, 2017
1249. LDR Treatment Standards – Waste-Specific vs. Alternative		OCT 12, 2017
1250. Hazardous Debris and Non-Intact Lead-Acid Batteries	ENCORE	OCT 19, 2017
1251. Satellite Accumulation and "At or Near"	ENCORE	OCT 26, 2017
1252. Unmanifested Waste vs. Manifest Discrepancy	ENCORE	NOV 2, 2017

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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: UNMANIFESTED WASTE VS. MANIFEST DISCREPANCY

DATE: NOVEMBER 2, 2017

<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 Brian Dixon Eric Erpenbeck Stuart Hildreth Mike Jennings Stephanie Johansen 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 Ted Hopkins Sasa Kosjerina Jim Leary Anthony Nagel Robert Nielson Linda Petersen Fred Ruck Ray Swenson Wayne Toebe Daniel Turlington Dave Watson	Brett Barnes Jerry Cammann Jeff Ehlis Garin Erickson Panfilo Gonzales 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 Ellen Mattlin Scott Stubblebine	Bill Bachmann Dean Baker Scott Baker Lucinda Borneman Paul Crane Tina Crane Ron Del Mar John Dorian Mark Ellefson Darrin Faulk Joe Fritts Lori Fritz Tom Gilmore Rob Gregory Gene Grohs James Hamilton Andy Hobbs Ryan Johnson Megan Lerchen Charles (Mike) Lowery Michael Madison Terri Mars Cary Martin Marty Martin Grant McCalmant Steve Metzger Tony Miskho Matt Mills Tom Moon Chuck Mulkey Mandy Pascual Kirk Peterson	Jean Quigley Dan Saueressig Merrie Schilperoort Joelle Moss Glen Triner Greg Varljen Julie Waddoups Jay Warwick Kyle Webster Ted Wooley

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TWO MINUTE TRAINING

SUBJECT: Unmanifested Waste vs. Manifest Discrepancy

Q: A RCRA permitted treatment, storage and disposal facility (TSDF) receives a manifested shipment of 40 hazardous waste containers that includes 5 nonregulated waste containers. Shortly after receipt, the TSDF determines that the 5 nonregulated waste containers are actually hazardous waste containers. Since the 5 containers were identified on the hazardous waste manifest as nonregulated but were actually regulated, does the TSDF need to submit an unmanifested waste report or a manifest discrepancy report?

A: Per [WAC 173-303-390\(1\)](#) [[40 CFR 264/265.76](#)], “Unmanifested waste reports”, if a facility accepts any dangerous waste from an off-site source without an accompanying manifest, then the TSDF must submit an unmanifested waste report to the State agency within fifteen days after receiving the waste.

Per [WAC 173-303-370\(5\)](#) [[40 CFR 264/265.72](#)], “Manifest discrepancies”, if a facility discovers significant discrepancies between the quantity or type of dangerous waste designated on the manifest or the quantity or type of dangerous waste the facility actually receives, the facility must attempt to reconcile the discrepancy with the waste generator and transporter. If the discrepancy is not resolved within fifteen days after receiving the waste, the TSDF must immediately submit a letter to the State agency describing the discrepancy, the attempts to reconcile it, and a copy of the manifest at issue. Significant discrepancies in type are obvious physical or chemical differences which can be discovered by inspection or waste analysis (e.g., waste solvent substituted for waste acid).

The 5 containers were identified on a manifest, and even though the description as nonregulated was not correct, an unmanifested waste report is not applicable - since there was a manifest. As further clarification, the December 21, 1989, Federal Register on page 52733 stated that generators were concerned about the burden of unmanifested waste reporting but EPA stated that they expected unmanifested waste reports to be an infrequent event since a transporter, or offsite facility will not accept waste without a required manifest. This implies that an unmanifested waste report is for waste that is somehow offered for shipment and received without a manifest.

Since the 5 containers were expected to be nonregulated waste but were actually regulated hazardous waste, a significant discrepancy in type occurred. It is an obvious physical or chemical difference between what was expected and what was received. Therefore, if the discrepancy cannot be resolved with the generator within 15 days of receipt, the TSDF must submit a manifest discrepancy report.

SUMMARY:

- If waste is received with a manifest, an unmanifested waste report is not applicable.
- If the waste type or quantity is not what was approved, a manifest discrepancy has occurred.
- If a manifest discrepancy cannot be resolved within 15 days of receipt, the TSDF must submit a manifest discrepancy report to the State agency.

Excerpts from WAC 173-303-370 and -390 are 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: 11/2/17

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TWO MINUTE TRAINING - ATTACHMENT

SUBJECT: Unmanifested Waste vs. Manifest Discrepancy

WAC 173 -303-370 Manifest system.

(1) Applicability. The requirements of this section apply to owners and operators of permitted treatment, storage, and disposal facilities and of dangerous waste recycling facilities operating under the requirements of this chapter who receive dangerous waste from off-site sources. If a facility receives dangerous waste accompanied by a manifest, the owner, operator, or his/her agent must sign and date the manifest as indicated in subsection (2) of this section to certify that the dangerous waste covered by the manifest was received, that the dangerous waste was received except as noted in the discrepancy space of the manifest, or that the dangerous waste was rejected as noted in the manifest discrepancy space.

(5) Manifest discrepancies.

(a) Manifest discrepancies are:

(i) Significant differences (as defined in (b) of this subsection) between the quantity or type of dangerous waste designated on the manifest or shipping paper, and the quantity and type of dangerous waste a facility actually receives;

(ii) Rejected wastes, which may be a full or partial shipment of dangerous waste that the TSDF cannot accept; or

(iii) Container residues, which are residues that exceed the quantity limits for "empty" containers set forth in WAC 173-303-160(2).

(b) Significant differences in quantity are: For bulk waste, variations greater than ten percent in weight (for example, tanker trucks, railroad tank cars, etc.); for batch waste, any variations in piece count, such as a discrepancy of one drum in a truckload. Significant differences in type are obvious differences which can be discovered by inspection or waste analysis such as waste solvent substituted for waste acid, or toxic constituents not reported on the manifest or shipping paper.

(c) Upon discovering a significant difference in quantity or type, the owner or operator must attempt to reconcile the discrepancy with the waste generator or transporter. If the discrepancy is not resolved within fifteen days after receiving the waste, the owner or operator must immediately submit to the department a letter describing the discrepancy and attempts to reconcile it, and a copy of the manifest or shipping paper at issue.

FROM: Paul W. Martin

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TWO MINUTE TRAINING - ATTACHMENT

SUBJECT: Unmanifested Waste vs. Manifest Discrepancy

WAC 173 -303-390 Facility reporting.

The owner or operator of a facility is responsible for preparing and submitting the reports described in this section.

(1) Unmanifested waste reports. If a facility accepts any dangerous waste from an off-site source without an accompanying manifest, or without an accompanying shipping paper as described in WAC 173-303-370(3) for water (bulk shipment) transporters, and if the waste is not excluded from the manifest requirements by this chapter, then the owner or operator must prepare and submit a letter to the department within fifteen days after receiving the waste. Submit the letter to the appropriate department of ecology regional office. The letter is the unmanifested waste report, and must contain the following information:

- (a) The EPA/state identification number, name, and address of the facility;
- (b) The date the facility received the waste;
- (c) The EPA/state identification number, name, and address of the generator and the transporter, if available;
- (d) A description and the quantity of each unmanifested dangerous waste the facility received;
- (e) The method of management for each dangerous waste;
- (f) The certification signed by the owner or operator of the facility or his or her authorized representative; and
- (g) A brief explanation of why the waste was unmanifested, if known.

(4) Recordkeeping. The owner/operator of a facility must keep a copy of all unmanifested waste reports, annual reports, and any other reports submitted to the department according to the requirements of this section for a period of three years from the date the report was submitted. Note that some records must be kept until closure of the facility as otherwise required under WAC 173-303-380.