
HAZARDOUS WASTE TRANSPORTERS GUIDANCE DOCUMENT



**Colorado Department
of Public Health
and Environment**

Hazardous Materials and Waste Management Division
Colorado Department of Public Health and Environment

(303) 692-3300

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Purpose of this Guidance

This is intended as general guidance for transporters of hazardous waste and is meant to assist in compliance with the hazardous waste regulations. The guidance is not meant to modify or replace the promulgated regulations which undergo periodic revisions. In the event of a conflict between this guidance and promulgated regulations, the regulations govern. Some portions of the hazardous waste regulations are complex and this guidance does not go into details of these complex situations. If a regulatory situation is not described in the guidance or clarification is desired, an official interpretation of a specific hazardous waste regulation can be requested by writing to the Hazardous Materials and Waste Management Division at the address on page 9.

We would appreciate any comments or suggestions for making improvements in future editions. Suggestions or comments can be sent to the address on page 9.

Note: This document has been reformatted to improve accessibility in Portable Document Format (PDF). This opportunity was also used to update the contact information and replace the acronym CHWR (Colorado Hazardous Waste Regulations) with 6 CCR 1007-3. No other changes were made unless specifically noted.

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TABLE OF CONTENTS

1.0 INTRODUCTION.....	1
2.0 REGULATORY SUMMARY	1
2.1 Permits, Licenses, and Insurance.....	2
2.2 EPA Identification Number [6 CCR 1007-3 Section 263.11].....	2
2.3 Compliance with the Manifest [6 CCR 1007-3 Part 263 Subpart B].....	3
2.3.1 Rail shipments [6 CCR 1007-3 Section 262.20 (f)].....	4
2.4 Transfer Facilities.....	5
2.4.1 Transfer facilities that mix hazardous wastes of different US DOT descriptions [6 CCR 1007-3 Section 263.12].....	5
2.4.2 Spills at transfer facilities [6 CCR 1007-3 Section 263.40].....	6
2.5 Exporting Hazardous Waste [6 CCR 1007-3 Section 263.20].....	7
2.6 Hazardous Waste Discharges During Transportation [6 CCR 1007-3 Section 263 Subpart C]	7
2.7 Recordkeeping Requirements [6 CCR 1007-3 Section 263.22]	8
3.0 RCRA/US DOT/CPUC INTERFACE.....	8
4.0 CONTACT INFORMATION	9
5.0 RELATED REFERENCES.....	10
APPENDIX I General Instructions for Completing the Uniform Hazardous Waste Manifest Form EPA 8700-22 and 8700-22A	11
APPENDIX II Hazardous Waste Manifest Examples.....	21

1.0 INTRODUCTION

Part 263 of the Colorado Hazardous Waste Regulations (6 CCR 1007-3) governs the management and transportation standards for hazardous waste transporters. These regulations are consistent with the requirements of the US Department of Transportation (US DOT) and the Colorado Public Utilities Commission (CPUC) for hazardous materials transportation. Transporters of hazardous waste must comply with the general requirements of 6 CCR 1007-3 Part 263, as well as specific US DOT and CPUC requirements.

Major changes were made to 6 CCR 1007-3 Part 263 effective November 30, 1997 that were aimed at clarification of the existing regulations. This included clarification in 6 CCR 1007-3 Section 263.12 that a description of the location and general activities of transfer facilities must be included on the notification form for an EPA identification number issued to a transporter facility located in Colorado. Spill response requirements for transfer facilities were added in 6 CCR 1007-3 Section 263.40 to incorporate similar requirements to those required during transportation and to provide notification to the Colorado Department of Public Health and Environment (the Department). Those portions of 6 CCR 1007-3 Part 262 that apply to transporters that mix wastes of different US DOT shipping descriptions were explicitly described in 6 CCR 1007-3 Section 263.12.

This document is intended to be used as “plain English” guidance to provide a brief description of the requirements for hazardous waste transporters in Colorado. Unless otherwise noted, all regulatory citations in this document refer to the Colorado Hazardous Waste Regulations 6 CCR 1007-3. The information in this document is by no means a complete representation of US Environmental Protection Agency (EPA) or the Department’s regulations or policies. This document is not intended and cannot be relied upon to create any rights, substantive or procedural, enforceable by any party in litigation with Colorado.

2.0 REGULATORY SUMMARY

Transportation of hazardous waste is included within the scope of hazardous materials transportation and is regulated by several agencies including the US Department of Transportation (US DOT), the Colorado State Patrol, the Colorado Public Utilities Commission (CPUC), the Colorado Department of Motor Vehicles, and the Colorado Department of Public Health and Environment (the Department). These agencies have adopted regulations regarding safe transportation of hazardous materials including: packaging, handling, labeling, marking, and placarding; oversight for vehicles transporting hazardous materials; driver qualifications; vehicle inspections; permitting; routing; spill notification; and manifesting.

As part of the federal Resource Conservation and Recovery Act (RCRA) and Colorado Hazardous Waste Act’s comprehensive hazardous waste management program, regulations governing the safe transportation of wastes from generator to treatment, storage, or disposal facility (TSDF) or to other appropriate destinations have been adopted by the Colorado Department of Public Health and Environment primarily in Parts 262 and 263 of the Colorado Hazardous Waste Regulations. Transportation, as defined in 6 CCR 1007-3 Section 260.10, means “the off-site movement of hazardous waste to any intermediate point or any point of storage, treatment, or disposal.” 6 CCR 1007-3 Part 262 applies to generators of hazardous

waste and includes requirements for manifesting, packaging and labeling, accumulation limits, and recordkeeping. More detailed information on generator requirements can be obtained in the companion guidance document “Guide to Generator Requirements of the Colorado Hazardous Waste Regulations,” available from the Department and on the Internet. Contact information is located in Section 4.0 of this document.

6 CCR 1007-3 Part 263 applies to transporters transporting hazardous waste within the United States when that waste is subject to the manifesting requirements of 6 CCR 1007-3 Part 262 and to transporters that mix hazardous wastes of different US DOT shipping descriptions in a single container at a transfer facility. There are also requirements for transporters who import or export hazardous waste outside the United States. 6 CCR 1007-3 Part 263 does not apply to the onsite movement or transportation of hazardous waste because a manifest is not required for onsite shipment.

2.1 Permits, Licenses, and Insurance

The Hazardous Materials and Waste Management Division of the Colorado Department of Public Health and Environment issues RCRA permits to facilities that treat, store, or dispose of hazardous waste. Transporters do not need a RCRA permit if they store manifested hazardous waste shipments in US DOT approved containers at a transfer facility for a period of 10 days or less. A RCRA permit is required, however, if the transporter stores hazardous waste longer than 10 days or treats, disposes, or otherwise actively manages hazardous waste at their facility.

Transporters of hazardous waste need a hazardous materials transportation permit issued by the Colorado Public Utilities Commission (CPUC) if their vehicle requires placarding under US DOT 49 CFR 172 or 173 [42-20-201 CRS]. The CPUC issues annual hazardous materials transportation permits and requires proof of liability insurance. If the material transport is infrequent or it is a time-critical situation, a single-trip permit may be obtained at any Port of Entry weigh station or from the Colorado State Patrol. This permit is valid for a single trip, up to a maximum of 72 hours. Contact information for the Colorado PUC is provided in Section 4.0 of this document.

US DOT hazardous materials certification must be on the driver’s commercial drivers license (CDL). This certification may be obtained through the Colorado Department of Motor Vehicles at any of their full-service drivers license offices. Contact information for the Department of Motor Vehicles is provided in Section 4.0 of this document.

2.2 EPA Identification Number [6 CCR 1007-3 Section 263.11]

All transporters are required to obtain an EPA identification (ID) number before transporting hazardous waste that requires the use of a hazardous waste manifest. They must receive a Colorado EPA ID number if they operate in Colorado and have a transfer facility or other place(s) of business in the state. Transporters may obtain a Colorado EPA ID number by completing and submitting the Notification of Regulated Waste Activity Form [EPA Form 8700-12] to the Hazardous Materials and Waste Management Division of the Colorado Department of Public Health and Environment. An EPA ID number cannot be issued without original signatures, so faxed copies of the completed and signed Form 8700-12 are not

acceptable. The notification form and instructions may be obtained from the Department by calling the Technical Assistance Line at 303-692-3320 or from the EPA Internet website in downloadable format at <http://www.epa.gov/epaoswer/hazwaste/data/form8700/forms.htm>.

The Department issues EPA ID numbers for places of business located in Colorado. The owner or operator of a hazardous waste transportation or transfer facility located in Colorado must provide information as required on the EPA notification form. If a hazardous waste transporter has one or more hazardous waste transfer facilities in Colorado, the transporter must list the location and a general description of the activities of each transfer facility on the notification form completed for the primary place of business. It is suggested that this information be included in the Comments field in Part XI of EPA Form 8700-12 or on a separate sheet attached to the notification form. A separate EPA identification number will be issued for each transportation facility and transfer facility, and all transfer facilities must be listed on the notification form for the primary transportation facility. If the only facility located in Colorado is a hazardous waste transfer facility, then the transporter must notify the Department using EPA Form 8700-12 and obtain a unique identification number for that facility. This notification should include a general description of the activities that occur at the transfer facility.

Upon receipt of the completed form, the Department will issue a unique EPA ID number for each facility and notify the facility of their ID number. The EPA ID number must be used on all hazardous waste manifest forms for waste shipped to or from the facility. If the transporter has a valid EPA ID number from another state and operates out of that state with no facilities in Colorado, including transfer facilities, that number is valid for hazardous waste transportation in or through Colorado.

2.3 Compliance with the Manifest [6 CCR 1007-3 Part 263 Subpart B]

The hazardous waste manifest is the central element of the tracking system to ensure that hazardous waste sent to a treatment, storage, and/or disposal facility (TSDF) actually reaches its destination. It is the control and transport document that accompanies the waste from its generation site to its final destination. Each party has a record of the transaction and the waste can be accounted for in transport and disposal. This greatly reduces the opportunity and likelihood for illegal dumping and releases to the environment at any stage of handling these wastes. Colorado uses the Uniform Hazardous Waste Manifest form [EPA Form 8700-22] unless, for interstate transportation, the origination or the destination state requires a state-specific form. Colorado does not provide manifest forms, but they may be obtained from many sources including label supply warehouses or local printers. A sample Uniform Hazardous Waste Manifest form and instructions are in Appendix I of this document.

A transporter may not accept hazardous waste from small quantity or large quantity generators (those that generate more than 100 kg of hazardous waste per calendar month and/or more than 1 kg of acute hazardous waste per calendar month) unless the waste is accompanied by a manifest signed by the generator of the waste and the transporter acknowledging acceptance of the hazardous waste from the generator. Although not required, Conditionally Exempt Small Quantity Generators (CESQG - those that generate no more than 100 kg of hazardous waste and less than 1 kg of acutely hazardous waste per calendar month) are encouraged to use the

hazardous waste manifest system. In place of the EPA ID number, these generators may write “CESQG.” The transporter must return a signed copy of the manifest to the generator before leaving the generator’s property, and ensure that the manifest accompanies the hazardous waste. The transporter must then deliver the hazardous waste shipment to the next transporter, the designated facility, or the alternate facility listed on the manifest. The transporter must obtain the date of delivery and the handwritten signature of the authorized representative of the subsequent transporter or the designated facility or alternate facility. The transporter must retain one copy of the manifest and give the remaining copies to the accepting transporter or destination facility.

The transporter must deliver the entire quantity of hazardous waste accepted from a generator or another transporter to the designated facility listed on the manifest, the alternate designated facility if the hazardous waste cannot be delivered to the designated facility, or the next designated transporter. If the hazardous waste cannot be delivered to one of these destinations, the transporter must contact the generator for further directions and revise the manifest according to the generator’s instructions. The transporter cannot transfer the hazardous waste to another transporter or designated facility that has not been identified by the generator.

Although there is no specific time limit for a hazardous waste shipment to reach the designated facility, 6 CCR 1007-3 Section 262.42(a) and (b) require large quantity generators to contact the transporter and the owner or operator of the designated facility if the generator does not receive a final signed copy of the manifest from the designated facility within 35 days of the date the initial transporter accepted the waste. If a final signed copy of the manifest is not received by the generator within 45 days of initial transport, a large quantity generator must then submit an Exception Report to the Department stating that he or she has not received the return copy of the manifest within 45 days of the date the waste was accepted by the initial transporter. The requirements to contact the transporter and to report discrepancies prevents waste from being held indefinitely at a particular site, such as a transfer facility. Under 6 CCR 1007-3 Section 262.42(c), small quantity generators must submit a legible copy of the manifest to the Department with a statement that the generator has not received confirmation of delivery within 60 days of the date the waste was accepted by the initial transporter. The statement need only be a handwritten or typed note on a copy of the manifest itself or on an attached piece of paper.

Generators and transporters of hazardous waste are exempted from the manifest requirements for the transportation of hazardous waste on public or private rights-of-way on or bordering contiguous properties under the control of the same person. [6 CCR 1007-3 262.20(f)] This allows a facility, for example, to take waste from the point of generation which happens to be on one side of the street to their 90 day or 120 day storage area on the other side of the street without having to complete a hazardous waste manifest. If a spill or discharge of hazardous waste occurs during transportation on the right-of-way under this exemption, however, the generator and/or transporter are required to respond to the discharge as would be necessary for any discharge during transportation under 6 CCR 1007-3 Sections 263.30 and 263.31.

2.3.1 Rail shipments [6 CCR 1007-3 Section 262.20 (f)]

Rail transport is another method by which hazardous waste is shipped to the designated facility. Rail transporters must have an EPA ID number and ensure the designated facility is listed on the

manifest. For rail shipments of hazardous waste, however, the transporter is not required to carry the manifest. Instead, a standard bill of lading or other shipping document containing all the manifest information (except EPA ID number, generator certification, and signatures) may accompany the waste.

The initial rail transporter's duties include:

- signing and dating the manifest;
- returning a signed copy of the manifest to the non-rail transporter;
- retaining a signed copy of the manifest for three years; and
- forwarding at least three copies of the signed manifest to the next non-rail transporter or designated facility (if the shipment is delivered by rail), or the last rail transporter designated to handle the waste in the United States.

Intermediate rail transporters are not required to sign either the manifest or the shipping paper. When delivering the hazardous wastes to the designated facility, the rail transporter must obtain the dated signature of the owner or operator of the designated facility on the manifest or shipping paper (if the manifest has not yet been received by the designated facility), and retain one copy of the manifest or shipping paper for three years.

When delivering the hazardous wastes to a non-rail transporter, the rail transporter must obtain the dated signature of the non-rail transporter on the manifest and retain one copy of the manifest for three years.

2.4 Transfer Facilities

A transfer facility, as defined in 6 CCR 1007-3 Section 260.10, is “any transportation related facility including loading docks, parking areas, storage areas and other similar areas where shipments of hazardous waste are held during the normal course of transportation” (e.g. when drivers change shifts). If a hazardous waste transporter has one or more hazardous waste transfer facilities in Colorado, the transporter must list the location and a general description of the activities of each transfer facility on the notification form completed for the primary place of business. A separate EPA identification number will be assigned to each transfer facility, and all transfer facilities must be listed on the notification form for the primary transportation facility. If the only facility located in Colorado is a hazardous waste transfer facility, then the transporter must notify the Department using EPA Form 8700-12 and obtain a unique identification number for that facility. This notification should include a general description of the activities that occur at the transfer facility.

2.4.1 Transfer facilities that mix hazardous wastes of different US DOT descriptions [6 CCR 1007-3 Section 263.12]

A hazardous waste transporter who mixes hazardous wastes of different applicable US DOT shipping descriptions by placing them in a single container at a transfer facility located in Colorado must comply with certain requirements that apply to generators of hazardous waste. These include:

- making a hazardous waste determination on the resulting mixture;
- initiating a new manifest and complying with generator manifest requirements (Note: the transporter should be named in the generator block and the old manifest(s) should accompany the waste);
- complying with generator pre-transport requirements including packaging, labeling, marking and placarding;
- complying with recordkeeping and reporting requirements;
- complying with container management requirements; and
- complying with preparedness and prevention requirements, at least with regard to that portion of the transfer facility where the mixing occurs.

The container (and any previous contents, if the container has not been washed) in which the hazardous waste is mixed must be compatible with the individual hazardous wastes and with the resultant mixture. The containers must be in good condition, handled safely, properly labeled, and must be closed during storage except when waste is being added or removed. Volatile organic wastes placed in a container by a transporter must be managed in accordance with the air emissions standards for tanks and containers in Subpart CC of 6 CCR 1007-3 Part 265.

The portions of the transfer facility where mixing occurs must be managed in a manner to minimize the possibility of fire, explosion, or any unplanned release of hazardous waste. If not protected by a fire protection district, the facility must have an approved plan for providing its own fire protection and prevention. In addition, the facility must have properly maintained communications and fire fighting equipment. The transporter should make arrangements with local and state emergency responders so they can best respond in the event of a spill or other emergency.

2.4.2 Spills at transfer facilities [6 CCR 1007-3 Section 263.40]

In the event of a spill or discharge of hazardous waste at a transfer facility, the transporter must take appropriate immediate action to prevent the further release of hazardous waste and to protect human health and the environment. If the spill exceeds 55 gallons or if there is a fire or explosion, the transporter must report to the Colorado Department of Public Health and Environment within 24 hours. **The 24-hour spill reporting and emergency assistance hotline for the Department is staffed by the Emergency Management Program at (877) 518-5608.** This is a new statewide toll-free spill reporting number that replaces the previous Denver area phone number. The transporter must clean up any hazardous waste discharges in a timely manner so that the spill no longer presents a hazard. He or she must immediately identify the character, source, amount and areal extent of the spill. Within 15 days of a reportable incident, the transporter must submit a written report of the incident to the Department, including the final disposition of the contaminated material. The transporter is also responsible for complying with all other federal, state, and local reporting and notification requirements concerning chemical spills and discharges. The Emergency Management Program can provide assistance in determining the appropriate authorities to notify.

2.5 Exporting Hazardous Waste [6 CCR 1007-3 Section 263.20]

There are additional requirements for transporters who export hazardous waste. Before waste can be exported to a foreign country, the generator (or primary exporter) must obtain the country's approval for the shipment via an Acknowledgment of Consent that is processed by the US State Department. Transporters of hazardous waste that is exported also must:

- ensure that the manifest and Acknowledgment of Consent accompany the waste; in the case of rail shipments, the Acknowledgment of Consent must go with the waste but the manifest does not need to be attached to the shipping paper;
- verify that the waste conforms to the Acknowledgment of Consent;
- ensure that the date the hazardous waste left the United States is indicated on the manifest;
- sign the manifest and retain a copy;
- return a signed copy of the manifest to the generator;
- give a signed copy of the manifest to the United States Customs Official at the point of departure from the United States when the waste leaves the country; and
- keep a copy of the signed manifest for three years.

Similar regulations are in effect for hazardous waste that is imported to the United States for treatment or disposal. Contact the US EPA for information on importing hazardous wastes.

2.6 Hazardous Waste Discharges During Transportation [6 CCR 1007-3 Section 263 Subpart C]

If a transporter discharges or spills hazardous waste, he or she is required to take immediate action to prevent the further release of the hazardous waste and contain any released material to protect human health and the environment. All appropriate local, state, and federal authorities must be notified of the release. **The 24-hour spill reporting and emergency assistance hotline for the State health department is (877) 518-5608.** The Emergency Management Program of the Colorado Department of Public Health and Environment can provide assistance in determining the appropriate authorities to notify. The National Response Center must be notified at (800) 424-8802 if required by US DOT under 49 CFR 171.15 or the Colorado Public Utilities Commission, or if the quantity of material released exceeds the reportable quantity as defined by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). [40 CFR Part 302.6] Transporters of hazardous materials must give immediate notice to the nearest State Patrol office [8 CCR 1507-8 HMP 5] and nearest law enforcement agency [42-20-113(3) C.R.S.] if there is an accident or spill involving a vehicle.

A transporter who has discharged hazardous waste must provide a written report to US DOT within 30 days as required by 49 CFR 171.16 or by the Colorado Public Utilities Commission. Notification and a written report detailing the ultimate disposition of the discharge must also be provided to the Colorado Department of Public Health and Environment. For simplicity, transporters will often submit a duplicate copy of the US DOT report to the Department.

The transporter must clean up the hazardous waste discharge in a timely manner so that the waste no longer presents a hazard to human health or the environment. If a discharge of hazardous materials or hazardous waste occurs during transportation, an authorized official can allow the immediate removal of the waste by transporters who do not otherwise have an EPA identification number and without the preparation of a manifest if the official determines that such actions are necessary to protect human health or the environment.

2.7 Recordkeeping Requirements [6 CCR 1007-3 Section 263.22]

A transporter of hazardous waste must keep a copy of the manifest signed by the generator, the transporter, and the next designated transporter or the destination facility for at least three years from the date the hazardous waste was accepted by the initial transporter. Retention periods are extended automatically during unresolved enforcement actions or as required by the Department. It is also good management practice to document all spill and discharge notifications and maintain copies of written spill reports and notification forms.

In the case of rail shipments, the initial rail transporter must retain a copy of the manifest and shipping papers for at least three years from the date the hazardous waste was accepted by the initial transporter. The final rail transporter must also keep a copy of the signed manifest or shipping paper for at least three years from the date the waste was accepted by the initial transporter. Intermediate rail transporters are not required to keep records under the Colorado hazardous waste regulations.

3.0 RCRA/US DOT/CPUC INTERFACE

As part of the RCRA “cradle-to-grave” waste management system, the transporter regulations ensure proper delivery of the hazardous waste to the designated treatment, storage, or disposal facility. The 6 CCR 1007-3 Part 263 transporter requirements adopted portions of the US Department of Transportation (US DOT) and Colorado Public Utilities Commission (CPUC) regulations for the safe transport of US DOT classified hazardous materials. The US DOT and CPUC references in the RCRA regulations include requirements for labeling, marking, placarding, and containers, and also detail the requirements for responding to spills or discharges. The hazardous waste regulations incorporated the US DOT and CPUC requirements by reference to ensure consistency with these regulations and to avoid duplicative and burdensome requirements. In addition, US DOT incorporated RCRA hazardous wastes as one of the types of materials that must be transported according to US DOT specifications. [49 CFR 171.3] The joint Uniform Hazardous Waste Manifest, first adopted on March 20, 1984 [49 FR 10490], also serves as both the RCRA tracking form [6 CCR 1007-3 Section 262.20] and the shipping paper required under US DOT [49 CFR 172.205]. This system allows the in-transit management of hazardous waste to be regulated safely and efficiently while allowing the Colorado Department of Public Health and Environment, US DOT and CPUC to retain enforcement authority for their respective regulations.

If you have questions regarding Colorado PUC or US DOT requirements, contact information is provided in Section 4.0 of this document.

4.0 CONTACT INFORMATION

24-hour Emergency Response Line statewide toll-free	(877) 518-5608
Colorado Department of Public Health and Environment (CDPHE)	(303) 692-2000 (800) 886-7689
Hazardous Materials and Waste Management Division (HMWMD) tollfree	(303) 692-3300 (888) 569-1831
HMWMD Technical Assistance Line tollfree	(303) 692-3320 (888) 569-1831 ext. 3320

CDPHE Website	http://www.cdphe.state.co.us/
HMWMD Website	http://www.cdphe.state.co.us/hm/
Downloadable Regulations	http://www.cdphe.state.co.us/regulate.asp
HMWMD Internet e-mail	comments.hmwmd@state.co.us

Other Phone Numbers:

National Response Center	(800) 424-8802
RCRA/Superfund Hotline	(800) 424-9346
Colorado Department of Motor Vehicles (Information on commercial drivers license (CDL))	(303) 205-5613
Colorado Public Utilities Commission (CPUC)	(303) 894-2000
US Department Of Transportation (US DOT)	(800) 467-4922 or (202) 366-8553
US EPA Region 8	(303) 312-6312

Send questions in writing to:

Colorado Department of Public Health and Environment
Hazardous Materials and Waste Management Division
Technical Assistance
4300 Cherry Creek Drive South
Denver, CO 80246-1530

OR

FAX (303) 759-5355

Please provide as much detail as possible regarding your question and the waste or process to which it applies.

5.0 RELATED REFERENCES

These documents are available through our website or by contacting the HMWMD technical assistance line.

Colorado Hazardous Waste Statute Title 25 Article 15 Part 101 et seq CRS 1992, as amended.
Colorado Hazardous Waste Regulations 6 CCR 1007-3.

RCRA Policy and Guidance

Groundwater VOC Sample Preservation Policy (6/98)
Guidance for Analysis of Indoor Air Samples (4/00)
Guide to Generator Requirements of the Colorado Hazardous Waste Regulations (10/01) *Updated*
Guide to Implementing the Division's Wastewater Treatment Unit Policy (1/00), Includes Policy on Wastewater Treatment Unit Exemption (6/91)
Hazardous Waste Control Program PENALTY POLICY (1/00)
Hazardous Waste Identification Guidance Document (9/98)
Hazardous Waste Recycling Guidance Document (1/99)
Hazardous Waste Transporters Guidance Document (11/99)
Interim Final Policy and Guidance on Investigation Derived Waste (IDW) at RCRA Facilities
Interim Final Policy and Guidance on Risk Assessments for Corrective Action at RCRA Facilities (11/93)
Personnel Training & Emergency Response/Preparedness and Prevention for Small Quantity Generators (4/98)
Personnel Training for Large Quantity Generators of Hazardous Waste (3/97)
Preparedness and Prevention Contingency Plan Emergency Procedures for Large Quantity Generators of Hazardous Waste (3/97)
Proposed Soil Remediation Objectives Policy Document (12/97)
RCRA Integrated Corrective Action Plan Application Guidance Document and Checklist (1/00)
Satellite Accumulation for Small and Large Quantity Generators of Hazardous Waste (2/98)
Solid Waste Definition and Solid and Hazardous Waste Exclusions Guidance Document (9/98)
State of Colorado Policy: Early Transfer of Federal Property (6/98)
Summary Table of Hazardous Waste Generator Requirements (3/01)
Treatment of Hazardous Waste by Generators Guidance Document (4/00)

RCRA Compliance Bulletins

Batteries (11/98)
Contaminated Shop Towels and Reusable Absorbents (7/96)
EPA Identification Number (7/96)
Lead-Based Paint Abatement and Waste Management (10/00)
Lighting Wastes (12/99)
Management of Waste Aerosol Cans (1/97)
Photographic, X-ray and Dental Wastes (7/97)
Universal Waste Rule (11/01) *Updated*
Used Antifreeze (7/96)

**APPENDIX I General Instructions for Completing the Uniform Hazardous Waste
Manifest Form EPA 8700-22 and 8700-22A**

GENERATORS

Item 1. Generator's US EPA ID Number-Manifest Document Number

Enter the generator's US EPA twelve digit identification number. EPA ID numbers are unique site-specific numbers assigned to facilities that have notified the Colorado Department of Public Health and Environment (the Department) and EPA of their hazardous waste activity. The completed EPA Form 8700-12 must be sent to the Hazardous Materials and Waste Management Division before a number may be issued. The EPA ID number is followed by a unique five digit number assigned to this manifest (e.g. 00001) by the generator.

Item 2. Page 1 of ----

Enter the total number of pages used to complete this manifest. This includes the first page (EPA Form 8700-22) plus the number of continuation sheets (EPA Form 8700-22A), if any.

Item 3. Generator's Name and Mailing Address

Enter the name and address of the generator. The address should be the location that will manage and maintain the returned manifest forms.

Item 4. Generator's Phone Number

Enter the telephone number where an authorized agent of the generator may be reached in the event of an emergency.

Item 5. Transporter 1 Company Name

Enter the company name of the first transporter who will transport the waste.

Item 6. US EPA ID Number

Enter the EPA twelve digit identification number of the first transporter identified in Item 5.

Item 7. Transporter 2 Company Name

If applicable, enter the company name of the second transporter who will transport the waste. If more than two transporters are used to transport the waste, use a Continuation Sheet(s)[EPA Form 8700-22A] and list the transporters in the order they will be transporting the waste.

Item 8. US EPA ID Number

If applicable, enter the EPA twelve digit identification number of the second transporter identified in Item 7. If more than two transporters are used, enter each additional transporter's company name and US EPA twelve digit identification number in Items 24-27 on the continuation sheet (EPA Form 8700-22A). Each continuation sheet has space to record two

additional transporters. Every transporter used between the generator and the designated facility must be listed.

Item 9. Designated Facility Name and Site Address

Enter the company name and site address of the facility designated to receive the waste listed on this manifest. The address must be the site address, which may differ from the company mailing address.

Item 10. US EPA ID Number

Enter the EPA twelve digit identification number of the designated facility identified in Item 9.

Item 11. US DOT Description [Including Proper Shipping Name, Hazard Class, and ID Number (UN/NA)]

Enter the US DOT Proper Shipping Name, Hazard Class, and ID Number (UN/NA) for each waste as identified in 49 CFR 171 through 177. If additional space is needed for waste descriptions, enter these additional descriptions in Item 28 on the continuation sheet.

Item 12. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

Table I-Types of Containers

- DM = Metal drums, barrels, kegs
- DW = Wooden drums, barrels, kegs
- DF = Fiberboard or plastic drums, barrels, kegs
- TP = Tanks portable
- TT = Cargo tanks (tank trucks)
- TC = Tank cars
- DT = Dump truck
- CY = Cylinders
- CM = Metal boxes, cartons, cases (including roll-offs)
- CW = Wooden boxes, cartons, cases
- CF = Fiber or plastic boxes, cartons cases
- BA = Burlap, cloth, paper or plastic bags

Item 13. Total Quantity

Enter the total quantity of waste described on each line.

Item 14. Unit (Weight or Volume)

Enter the appropriate abbreviation from Table II (below) for the unit of measure.

Table II-Units of Measure

G = Gallons (liquids only)

P = Pounds

T = Tons (2000 lbs.)

Y = Cubic yards

L = Liters (liquids only)

K = Kilograms

M= Metric tons (1000 kg)

N = Cubic meters

Item 15. Special Handling Instructions and Additional Information

Generators may use this space to indicate special transportation, treatment, storage, or disposal information or Bill of Lading information. Generators often list a 24-hour number to call to obtain information about the waste in case of emergency. They may also provide instructions in the event the waste can not be delivered to the designated facility.

States may not require additional, new, or different information in this space. For international shipments, generators must enter in this space the point of departure (City and State) for those shipments destined for treatment, storage, or disposal outside the jurisdiction of the United States.

Item 16. Generator's Certification

The generator must read, sign (by hand), and date the certification statement. If a mode other than highway is used, the word "highway" should be lined out and the appropriate mode (rail, water, or air) inserted in the space below. If another mode in addition to the highway mode is used, enter the appropriate additional mode (e.g., and rail) in the space below. Primary exporters shipping hazardous wastes to a facility located outside of the United States must add to the end of the first sentence of the certification the following words "and conforms to the terms of the EPA Acknowledgment of Consent to the shipment." In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. Generators may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator certifications.

All of the above information except the handwritten signature required in Item 16 may be preprinted.

On the right hand side of Form 8700-22, there are boxes labeled A through K. Colorado does not require a separate state manifest document number, generator ID number, transporter ID number or facility ID number (boxes A, B, C, E, and G). The transporters' and designated facility's phone numbers (boxes D, F and H) should be provided, however. All appropriate hazardous waste codes should be listed in Box I. Colorado does not require that the generator put anything in boxes J and K, though they may choose to do so.

TRANSPORTERS

Item 17. Transporter 1 Acknowledgment of Receipt of Materials

Enter the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 18. Transporter 2 Acknowledgment of Receipt of Materials

If applicable, enter the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

[Note: International Shipments -- Transporter Responsibilities:

Exports -- Transporters must sign and enter the date the waste left the United States in Item 15 of Form 8700-22.

Imports -- Shipments of hazardous waste regulated by RCRA and transported into the United States from another country must upon entry be accompanied by the US EPA Uniform Hazardous Waste Manifest. Transporters who transport hazardous waste into the United States from another country are responsible for completing the manifest].

OWNERS AND OPERATORS OF TREATMENT, STORAGE, OR DISPOSAL FACILITIES (TSDF)

Item 19. Discrepancy Indication Space

The authorized representative of the designated (or alternate) facility's owner or operator must note in this space any significant discrepancy between the waste described on the manifest and the waste actually received at the facility. Owners and operators of TSDFs should contact the Department for information on discrepancy report requirements.

Item 20. Facility Owner or Operator: Certification of Receipt of Hazardous Materials Covered by This Manifest Except as Noted in Item 19

Print or type the name of the person accepting the waste on behalf of the owner or operator of the destination facility. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

CONTINUATION SHEET US EPA FORM 8700-22A

This form must be used as a continuation sheet to EPA form 8700-22 if more than two transporters are to be used to transport the waste or if more space is required for the US DOT description and related information in Item 11 of EPA Form 8700-22.

GENERATORS

Item 21. Generator's U. S. EPA ID Number-Manifest Document Number

Enter the generator's EPA twelve digit identification number and the unique five digit number assigned to this manifest as it appears in Item 1 on the first page of the manifest.

Item 22. Page--

Enter the page number of this continuation sheet.

Item 23. Generator's Name

Enter the generator's name as it appears in Item 3 on the first page of the manifest.

Item 24. Transporter -- Company Name

If additional transporters are used to transport the waste described on this manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, enter a "3" in the space after "Transporter" and before "Company", followed by the name of the third transporter. The generator should use as many continuation sheets as are needed.

Item 25. US EPA ID Number

Enter the EPA twelve digit identification number of the transporter described in Item 24.

Item 26. Transporter -- Company Name

If additional transporters are used to transport the waste described on this manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, enter a "4" after the word "Transporter" and before "Company", followed by the name of the 4th transporter. Each continuation sheet will record the names of two additional transporters.

Item 27. US EPA ID Number

Enter the EPA twelve digit identification number of the transporter described in Item 26.

Item 28. US DOT Description Including Proper Shipping Name, Hazardous Class, and ID Number (UN/NA)

Enter the US DOT Proper Shipping Name, Hazard Class, and ID Number (UN/NA) for each waste as identified in 49 CFR 171 through 177. This section is used if additional space is needed for waste descriptions from the first page of the manifest.

Item 29. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

Table I-Types of Containers

- DM = Metal drums, barrels, kegs
- DW = Wooden drums, barrels, kegs
- DF = Fiberboard or plastic drums, barrels, kegs
- TP = Tanks portable
- TT = Cargo tanks (tank trucks)
- TC = Tank cars
- DT = Dump truck
- CY = Cylinders
- CM = Metal boxes, cartons, cases (including roll-offs)
- CW = Wooden boxes, cartons, cases
- CF = Fiber or plastic boxes, cartons cases
- BA = Burlap, cloth, paper or plastic bags

Item 30. Total Quantity

Enter the total quantity of waste described on each line.

Item 31. Unit (Weight or Volume)

Enter the appropriate abbreviation from Table II (below) for the unit of measure.

Table II-Units of Measure

- G = Gallons (liquids only)
- P = Pounds
- T = Tons (2000 lbs.)
- Y = Cubic yards
- L = Liters (liquids only)
- K = Kilograms
- M = Metric tons (1000 kg)
- N = Cubic meters

Item 32. Special Handling Instructions

Generators may use this space to indicate special transportation, treatment, storage, or disposal information or Bill of Lading information. States are not authorized to require additional, new, or different information in this space.

TRANSPORTERS**Item 33. Transporter--Acknowledgment of Receipt of Materials**

Enter the same number of the Transporter as identified in Item 24. Enter also the name of the person accepting the waste on behalf of the Transporter identified in Item 24. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 34. Transporter--Acknowledgment of Receipt of Materials

Enter the same number as identified in Item 26. Also enter the name of the person accepting the waste on behalf of the Transporter identified in Item 26. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

**OWNERS AND OPERATORS OF TREATMENT, STORAGE,
OR DISPOSAL FACILITIES (TSDF)****Item 35. Discrepancy Indication Space**

The authorized representative of the designated (or alternate) facility's owner or operator must note in this space any significant discrepancy between the waste described on the manifest and the waste actually received at the facility. Owners and operators of TSDFs should contact the Department for information on discrepancy report requirements.

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No.		Manifest Document No.		2. Page 1 of		Information in the shaded areas is not required by Federal law								
3 Generator's Name and Mailing Address						A. State Manifest Document Number										
4. Generator's Phone ()						B. State Generator's ID										
5. Transporter 1 Company Name			6. US EPA ID Number			C. State Transporter's ID										
						D. Transporter's Phone										
7. Transporter 2 Company Name			8. US EPA ID Number			E. State Transporter's ID										
						F. Transporter's Phone										
9. Designated Facility Name and Site Address			10. US EPA ID Number			G. State Facility's ID										
						H. Facility's Phone										
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total		14. Unit		1. Waste No.				
						No. Type		Quantity		Wt/Vol						
	a.															
	b.															
	c.															
d.																
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above										
15. Special Handling Instructions and Additional Information																
<p>16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.</p> <p>If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.</p>																
Printed/Typed Name					Signature					Month		Day		Year		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					Signature					Month		Day		Year	
	Printed/Typed Name															
	18. Transporter 2 Acknowledgement of Receipt of Materials					Signature					Month		Day		Year	
Printed/Typed Name																
FACILITY	19. Discrepancy Indication Space															
	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.					Signature					Month		Day		Year	
Printed/Typed Name																

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No	Manifest Document No	22. Page	Information in the shaded areas is not required by Federal law			
23. Generator's Name				L. State Manifest Document Number				
				M. State Generator's ID				
24. Transporter _____ Company Name		25. US EPA ID Number		N. State Transporter's ID				
				O. Transporter's Phone				
26. Transporter _____ Company Name		27. US EPA ID Number		P. State Transporter's ID				
				Q. Transporter's Phone				
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers		30. Total Quantity	31. Unit Wt./Vol	R. Waste No.
				No.	Type			
GENERATOR	a.							
	b.							
	c.							
	d.							
	e.							
	f.							
	g.							
	h.							
	i.							
	S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information								
TRANSPORTER	33. Transporter _____ Acknowledgement of Receipt of Materials						Date	
	Printed/Typed Name				Signature		Month	Day
FACILITY	34. Transporter _____ Acknowledgement of Receipt of Materials						Date	
	Printed/Typed Name				Signature		Month	Day
35. Discrepancy Indication Space								

APPENDIX II Hazardous Waste Manifest Examples

Scenario 1

One drum of waste was picked up at the generator site by Transporter #1 and delivered to the disposal facility. The transporter temporarily stored the waste overnight at a transfer facility that was its base of operations.

On the manifest form, the generator has filled in his/her 12-digit EPA identification number in Item 1, followed by a unique five-digit number that the generator has assigned to this manifest. Since this is a one page manifest, the generator indicated this in Item 2. The generator then filled in the company name and mailing address in Item 3, followed by the telephone number where an authorized representative of the generator could be reached in the event of an emergency in Item 4. The name of the first transporter was filled in Item 5, along with the transporter's EPA identification number in Item 6 and their phone number in Box D. Every transporter used between the generator and the designated facility must be listed on the manifest. In this case, only one transporter was used, so Items 7 and 8 were left blank. The name of the designated facility and its mailing address was entered in Item 9, with the EPA identification number in Item 10, followed by the telephone number of the designated facility in Box H. Colorado does not require a state-specific manifest number, so Box A remained blank. Since Colorado uses EPA identification numbers only, Boxes B, C, E, and G remain blank.

The US Department of Transportation (US DOT) proper shipping name (Waste Benzene), hazard class (3), and ID number (UN 1114), along with the packing group (PG II), were entered into Item 11. This information was obtained from the US DOT regulations 49 CFR 171 through 177. Item 12 was used to indicate that there was one metal drum, Item 13 to indicate that this was a 55 gallon drum, and Item 14 to indicate the units of measure (gallons). Box I was used to record the hazardous waste numbers. In this case, the waste benzene is ignitable (D001), fails the toxicity test for benzene (D018) and is a listed waste because the benzene was used for its solvent characteristics (F005). Colorado does not require that any information be filled in for Sections J and K on the manifest, though the generator may choose to use these sections. The generator used Item 15 to list additional information including the emergency telephone number for CHEMTREC, which can be used to obtain emergency information about the waste in the event of a spill or traffic accident while in transit. The generator also used this space to indicate that if the destination facility was unable/unwilling to accept the shipment, the waste should be returned to the generator.

Item 16 is the generator's certification regarding the waste. The generator has indicated that he/she has read and agreed to this certification by signing and dating Item 16. The transporter has acknowledged receipt of the waste by having the transporter's representative, generally the driver, first print his/her name in Item 17, followed by his/her hand-written signature and the date the waste was accepted for transport. At this time, the transporter provided the generator with one copy of the signed manifest form. The transporter stored the waste overnight at a transfer facility that was its base of operations before delivering the waste to the designated facility the next day. There was no change in transporters, so Item 18 was left blank.

Item 19 is used by the designated facility to note any significant discrepancies between the waste described on the manifest and the waste actually received at the facility. This item was left blank by the designated facility, indicating that the single 55 gallon drum of waste benzene arrived intact. The designated facility's representative then printed his/her name in Item 20, signed and dated the completed manifest, indicating acceptance of the waste at the designated facility. A signed copy of the manifest was given to the transporter's representative, a copy was placed in the designated facility's files, and a final signed copy was returned to the generator.

Scenario 1 Manifest Example

Please print or type (Form designed for use on elite (12 - pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 4-30-97

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. C O J 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 0 8 4		Manifest Document No. 9 9 0 8 4		2. Page 1 of 1		Information in the shaded areas is not required by Federal law (Sections J & K)							
3 Generator's Name and Mailing Address Generator 100 Main St. Denver, CO 80000						A. State Manifest Document Number									
						B. State Generator's ID									
4. Generator's Phone (303) 555-1234						C. State Transporter's ID									
5. Transporter 1 Company Name Transporter #1						D. Transporter's Phone (303) 555-2468									
6. US EPA ID Number C O J 9 9 9 9 9 9 8 8 8						E. State Transporter's ID									
7. Transporter 2 Company Name						F. Transporter's Phone									
8. US EPA ID Number						G. State Facility's ID									
9. Designated Facility Name and Site Address Disposal Facility 999 Highway C Rural, CO 80999						H. Facility's Phone (303) 555-0369									
10. US EPA ID Number C O J 9 9 9 9 9 9 7 7 7															
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.			
G E N E R A T O R a. Waste Benzene, 3, UN 1114, PG II b. c. d.						No.		Type							
						1		D I M		5 5		G		D001 D018 F005	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above									
15. Special Handling Instructions and Additional Information Emergency chemical information: CHEMTREC 1-800-424-9300 (24 hours) If undeliverable, return to generator.															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR , if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name Generator Representative						Signature Generator Representative									
						Month		Day		Year					
						0 2		0 2		9 9					
17. Transporter 1 Acknowledgement of Receipt of Materials															
Printed/Typed Name Transporter #1 Representative						Signature Transporter #1 Representative									
						Month		Day		Year					
						0 2		0 2		9 9					
18. Transporter 2 Acknowledgement of Receipt of Materials															
Printed/Typed Name						Signature									
						Month		Day		Year					
19. Discrepancy Indication Space															
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.															
Printed/Typed Name Disposal Facility Representative						Signature Disposal Facility Representative									
						Month		Day		Year					
						0 2		0 3		9 9					

Scenario 2

One drum of waste was picked up at an out of state generator site by Transporter #1, which was based in the generator's state. Transporter #1 delivered the drum to a transfer facility in Colorado. Both Transporter #1 and Transporter #2 are owned by the same parent company. The waste was stored at the Colorado transfer facility for less than 10 days before a truck from the transfer facility took the waste to the designated facility.

On the manifest form, Items 1 through 16 were completed in a manner similar to Scenario 1. Transporter #1 signed the manifest in Item 17, indicating that the waste was accepted for transport. A copy of the signed manifest was given to the generator. In this case, Transporter #1 delivered the waste to a second transporter. Even though the two transporters are owned by the same parent company, they have different states of operation and facility-specific EPA identification numbers. Transporter #2 signed the manifest in Item 18, indicating that they accepted the waste from the first transporter. A signed copy of the manifest was given to Transporter #1 for their files. Within 10 days of receipt of the waste at the transfer facility, Transporter #2 delivered the waste to the facility designated in Item 9. The designated facility acknowledged receipt of the waste by completing Item 20. No discrepancies were noted in Item 19, indicating that the waste was received as described on the manifest. A signed copy of the manifest was given to Transporter #2's representative by the designated facility, a copy was placed in the designated facility's files, and a final signed copy was returned to the generator.

Scenario 2 Manifest Example

Please print or type (Form designed for use on elite (12 - pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-97

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. A Z B 9 9 9 9 9 9 1 1 1 9 9 0 0 8		Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law (Sections J & K)											
3 Generator's Name and Mailing Address Generator 200 Elm Ave. Phoenix, AZ 90000					A. State Manifest Document Number												
4 Generator's Phone (602) 555-8296					B. State Generator's ID												
5 Transporter 1 Company Name Transporter #1		6. US EPA ID Number A Z B 9 9 9 9 9 9 2 2 2		C. State Transporter's ID													
7 Transporter 2 Company Name Transporter #2		8. US EPA ID Number C O J 9 9 9 9 9 9 8 8 8		D. Transporter's Phone (602) 555-6655													
9 Designated Facility Name and Site Address Disposal Facility 999 Highway C Rural, CO 80999					10. US EPA ID Number C O J 9 9 9 9 9 9 7 7 7												
					E. State Transporter's ID												
					F. Transporter's Phone (303) 555-2468												
					G. State Facility's ID												
					H. Facility's Phone (303) 555-0369												
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.						
G E N E R A T O R	a. Waste Benzene, 3, UN 1114, PG II					1		DM		55		G D001 D018 F005					
	b.																
	c.																
	d.																
J. Additional Descriptions for Materials Listed Above					K. Handling Codes for Wastes Listed Above												
15. Special Handling Instructions and Additional Information Emergency chemical information: CHEMTREC 1-800-424-9300 (24 hours) If undeliverable, return to generator.																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name Generator Representative					Signature Generator Representative			Month 02		Day 02		Year 99					
T R A N S P O R T E R	17. Transporter 1 Acknowledgement of Receipt of Materials					Printed/Typed Name Transporter #1 Representative			Signature Transporter #1 Representative			Month 02		Day 02		Year 99	
	18. Transporter 2 Acknowledgement of Receipt of Materials					Printed/Typed Name Transporter #2 Representative			Signature Transporter #2 Representative			Month 02		Day 04		Year 99	
	19. Discrepancy Indication Space																
F A C I L I T Y	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.																
	Printed/Typed Name Disposal Facility Representative					Signature Disposal Facility Representative			Month 02		Day 08		Year 99				

Scenario 3

A partial container of waste was picked up at Generator #1 by Transporter #1 and delivered to a transfer facility which was its base of operations. A second container of waste was picked up at Generator #2 by Transporter #1 and delivered to the same transfer facility. The wastes from these two generators were compatible wastes but had different US DOT shipping descriptions. The transporter consolidated the wastes into a single container and took the drum containing the combined wastes to the designated facility. The transporter completed a cover manifest to track the newly combined waste drum and attached the two original manifests to the cover manifest.

The manifest form originally completed by Generator #1 (designated Scenario 3b Manifest Example at the top of the page) was completed essentially the same as in Scenario #1 through Item 17. Item 13 indicates that the drum held only 35 gallons of waste benzene in this example. The manifest form originally completed by Generator #2 (designated Scenario 3c Manifest Example at the top of the page) was completed in a similar manner, except in this case the waste was 20 gallons of used ethyl acetate (UN 1173, hazardous waste code F003). Once the transporter consolidated the 35 gallons of waste benzene with the 20 gallons of waste ethyl acetate, a cover manifest was needed to track the newly combined drum of waste (designated Scenario 3a Manifest Example at the top of the page). The transporter was listed as the generator of this drum in Items 1 through 4 of the cover manifest. Item 11 of the cover manifest notes a different shipping name (Hazardous Waste, n.o.s. (Waste Benzene and Ethyl Acetate)), the same hazard class (3), a different identification number (UN 1993), and the same packing group (PG II). Box I lists the combined waste codes of both original waste containers (D001, D018, F003, and F005). The transporter noted in Box J that the cover manifest reflects the combination of the wastes covered on the manifests originally completed by Generator #1 and Generator #2. When the transporter delivered the waste to the designated facility, the designated facility representative acknowledged acceptance of the waste by completing Item 20 on the cover manifest. A signed copy of the cover manifest and a copy of each manifest originally accompanying each drum of waste from Generators #1 and #2 were given to the transporter and copies placed in the designated facility's files. A copy of the signed cover manifest and a copy of the manifest originally accompanying each drum of waste was returned to the respective generators.

Transporter #1 is also complying with the additional requirements for transporters consolidating wastes with different DOT shipping descriptions as found in the Colorado Hazardous Waste Regulations Part 263.12(d) and (e).

Notification of Regulated Waste Activity Form 8700-12

When Transporter #1 notified the state of their hazardous waste activity, they noted in Section XI Comments of Form 8700-12 that they operated a transfer station at 100 W. Elm Ave., Denver CO 80000. They noted that wastes may be temporarily stored for less than 10 days at the transfer station and that a small area of the transfer station was set aside for consolidation or bulking of compatible wastes. They also noted that the transfer station was a portion of their base transportation facility.

Scenario 3a Manifest Example

Please print or type

(Form designed for use on elite (12 - pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-93

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. C O J 9 9 9 9 9 9 9 8 8 8 9 9 0 4 3		Manifest Document No. 9 9 0 4 3	2. Page 1 of 1	Information in the shaded areas is not required by Federal law (Sections J & K)										
3 Generator's Name and Mailing Address Transporter #1 100 W. Elm Ave. Denver, CO 80000					A. State Manifest Document Number											
					B. State Generator's ID											
4 Generator's Phone (303) 555-2468																
5. Transporter 1 Company Name Transporter #1		6. US EPA ID Number C O J 9 9 9 9 9 9 9 8 8 8		C. State Transporter's ID												
				D. Transporter's Phone (303) 555-2468												
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID												
				F. Transporter's Phone												
9. Designated Facility Name and Site Address Disposal Facility 999 Highway C Rural, CO 80999					10. US EPA ID Number C O J 9 9 9 9 9 9 9 7 7 7											
					G. State Facility's ID			H. Facility's Phone (303) 555-0369								
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.					
					a. Hazardous Waste, n.o.s. (Waste Benzene & Ethyl Acetate) 3, UN 1993, PG II		1		DM		15 15		IG		D001 F003 D018 F005	
					b.											
					c.											
					d.											
J. Additional Descriptions for Materials Listed Above					K. Handling Codes for Wastes Listed Above											
15. Special Handling Instructions and Additional Information Consolidation of hazardous wastes covered by manifests COJ999999999-99843 and COJ999999444-99037																
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR , if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																
Printed/Typed Name Transporter #1 Representative #1					Signature Transporter #1 Representative #1			Month 0 2		Day 0 6		Year 9 9				
17. Transporter 1 Acknowledgement of Receipt of Materials																
Printed/Typed Name Transporter #1 Representative #2					Signature Transporter #1 Representative #2			Month 0 2		Day 0 6		Year 9 9				
18. Transporter 2 Acknowledgement of Receipt of Materials																
Printed/Typed Name					Signature			Month		Day		Year				
19. Discrepancy Indication Space																
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.																
Printed/Typed Name Disposal Facility Representative					Signature Disposal Facility Representative			Month 0 2		Day 0 6		Year 9 9				

Scenario 3b Manifest Example

Please print or type

(Form designed for use on elite (12 - pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 9-30-93

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. C O J 19 19 19 19 19 19 19 19 19 18 14 13		Manifest Document No. 19 18 14 13		2. Page 1 of 1		Information in the shaded areas is not required by Federal law (Sections J & K)								
3 Generator's Name and Mailing Address Generator #1 100 Main St. Denver, CO 80202						A. State Manifest Document Number										
						B. State Generator's ID										
4. Generator's Phone (303) 555-1234						C. State Transporter's ID										
5. Transporter 1 Company Name Transporter #1						6. US EPA ID Number C O J 19 19 19 19 19 18 18 18										
7. Transporter 2 Company Name						D. Transporter's Phone (303) 555-2468										
						E. State Transporter's ID										
9. Designated Facility Name and Site Address Disposal Facility 999 Highway C Rural, CO 80999						8. US EPA ID Number										
						F. Transporter's Phone										
10. US EPA ID Number C O J 19 19 19 19 19 17 17 7						G. State Facility's ID										
						H. Facility's Phone (719) 555-0369										
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.				
G E N E R A T O R	a. Waste Benzene, 3, UN 1114, PG II						1 1 1 D M		1 3 5		G		D001 F005 D018			
	b.															
	c.															
	d.															
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above										
15. Special Handling Instructions and Additional Information Emergency chemical information: CHEMTREC 1-800-424-9300 (24 hours) If undeliverable, return to generator.																
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR , if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																
Printed/Typed Name Generator #1 Representative						Signature Generator #1 Representative						Month Day Year 0 2 0 2 9 9				
T R A N S P O R T E R	17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Transporter #1 Representative						Signature Transporter #1 Representative		Month Day Year 0 2 0 2 9 9	
	18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature		Month Day Year	
	19. Discrepancy Indication Space															
F A C I L I T Y	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.															
	Printed/Typed Name						Signature						Month Day Year			

Scenario 3c Manifest Example

Please print or type

(Form designed for use on elite (12 - pitch) typewriter)

Form Approved OMB No. 2050-0039 Expires 4-30-97

UNIFORM HAZARDOUS WASTE MANIFEST		1 Generator's US EPA ID No. C O J 9 9 9 9 9 1 4 4 4 9 9 0 3 7		Manifest Document No. 9 9 0 3 7	2. Page 1 of 1	Information in the shaded areas is not required by Federal law (Sections J & K)					
3. Generator's Name and Mailing Address Generator #2 200 57th St. Denver, CO 80202					A. State Manifest Document Number						
					B. State Generator's ID						
4. Generator's Phone (303) 555-5678					C. State Transporter's ID						
5. Transporter 1 Company Name Transporter #1			6. US EPA ID Number C O J 9 9 9 9 9 8 8 8		D. Transporter's Phone (303) 555-2468						
7. Transporter 2 Company Name					E. State Transporter's ID						
8. US EPA ID Number					F. Transporter's Phone						
9. Designated Facility Name and Site Address Disposal Facility 999 Highway C Rural, CO 80999					10. US EPA ID Number C O J 9 9 9 9 9 7 7 7						
G. State Facility's ID					H. Facility's Phone (303) 555-0369						
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					12. Containers		13. Total Quantity		14. Unit Wt/Vol	15. Waste No.	
a. Waste Ethyl Acetate, 3, UN 1173, PG II					No.	Type					
					1	D M	2 0		G	D001 F003	
b.											
c.											
d.											
J. Additional Descriptions for Materials Listed Above					K. Handling Codes for Wastes Listed Above						
15. Special Handling Instructions and Additional Information Emergency chemical information: CHEMTREC 1-800-424-9300 (24 hours) Alternate facility: Disposal 2 Facility; 100 Pecos Ave., Remote, UT 84999; ph (801) 555-3175; EPA ID #UTQ99999111.											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Generator #2 Representative					Signature Generator #2 Representative			Month	Day	Year	
								0	2	0499	
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name Transporter #1 Representative					Signature Transporter #1 Representative			Month	Day	Year	
								0	2	0499	
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed/Typed Name					Signature			Month	Day	Year	
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.											
Printed/Typed Name					Signature			Month	Day	Year	

Scenario 4

Scenario 4 is similar to Scenario 1, except that the generator did not receive a final signed manifest from the designated facility within the time allowed based on the generator's category. An exception report was filed with the Division to note that the final signed manifest was not received in a timely manner. Scenario 4a Manifest Example represents a notification filed by a Small Quantity Generator (SQG) that did not receive a final signed copy of their manifest from the designated facility within 60 days of initial shipment. Scenario 4b Manifest Example and the following cover letter represent an exception report filed by a Large Quantity Generator (LQG) that did not receive a final signed copy of their manifest from the designated facility within 45 days of initial shipment.

Generator Company
100 Main St.
Denver, CO 80000
(303) 555-1234 Telephone
(303) 555-1200 Telefax

March 23, 1999

Gary Baughman
Colorado Dept. of Public Health and Environment
HMWMD-B2
4300 Cherry Creek Drive South
Denver, CO 80246-1530

Re: Hazardous Waste Manifest Exception Report

Dear Mr. Baughman:

This letter is to inform you that Generator Company (EPA ID # COJ999999999) did not receive a final signed copy of manifest number COJ999999999-99084 within 45 days of the initial shipment of this waste on February 2, 1999. In order to determine the disposition of the waste, I contacted Mr. Robert Owner of Transporter #1 (EPA ID # COJ999999888) on March 10, 1999 to inquire about the shipment. After researching his files, Mr. Owner indicated that he had a copy of manifest number COJ999999999-99084 signed by Disposal Facility Representative on February 3, 1999. I contacted Mr. John Workerbee on March 11, 1999 to confirm acceptance of the waste shipment at Disposal Facility (EPA ID # COJ999999777) on February 3, 1999. Mr. Workerbee was unable to locate the disposal facility's copy of the signed manifest in company records. He indicated that he would continue to research the location of manifest number COJ999999999-99084 and the final disposition of the waste. A copy the manifest as received at the time of initial shipment is attached.

Sincerely,

Generator Representative

Generator Representative
Environmental Coordinator

Attachment