

400 Seventh Street, S.W. Washington, D.C. 20590

Research and Special Programs Administration

DOT-E 10441 (TWELFTH REVISION)

EXPIRATION DATE: September 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: AET Environmental, Inc. Denver, CO

(See Appendix A to this document for a list of additional grantees)

- 2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain cyanide salts on the same motor vehicle with Class 8 acids, subject to the packaging and safety measures prescribed herein. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
- 3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-
- 4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.12(b)(3) in that Division 6.1 Packing Group I materials are not authorized to be packaged in lab packs, § 172.301(c) in that the exemption number must be marked on each package, and § 177.848(c) in that cyanides may not be loaded and stored with acids, except as specified herein.
- 5. BASIS: This exemption is based on the application of AET Environmental, Inc. dated January 2, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Cyanide materials capable of liberating hydrogen cyanide (HCN) when the material comes in contact with acid materials classed as Class or Division 3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 8, or 9	As	As	As
	appro-	appro-	appro-
	priate	priate	priate

Note: Except for Division 6.1 materials in packing group I, materials identified in § 173.12(b)(3) may not be transported under the terms of this exemption.

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

- (1) The cyanides, cyanide solutions or cyanide mixtures must be packaged in "Lab packs" as described in \$ 173.12(b)(2), containing no more than two kilograms(4.4 pounds) net weight per inner packaging, and no more than ten kilograms(22 pounds) net weight per outer packaging.
- (2) The Class 8 acid materials must be in UN specification packagings not exceeding 208 liters (55 gallons) per package or "Lab packs" as described in § 173.12(b)(2).
- b. SAFETY CONTROL MEASURES The lab packs containing cyanide must be elevated at least 10 cm (4 inches) from floor level and segregated from the acidic Class 8 packages by no less than 1.2 meters (4 feet).

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

- b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.
- 9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

- a. A current copy of this exemption (Appendix A may be shortened to include the first and last pages and the page on which the offeror's name appears) must be carried aboard each motor vehicle used to transport packages covered by this exemption.
- b. Drivers must be instructed of the hazards involved in accidental mixing of cyanide with Class 8 acid materials.
- 11. <u>COMPLIANCE</u>: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law 49 U.S.C. 5101 et seq:
 - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

Each "hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.)

In addition, the holder(s) of this exemption must inform the

Continuation of DOT-E 10441 (12th rev.)

Page 4
January 30, 2004

AAHMS, in writing, of any incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

for Robert A. McGuire

Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590. Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/exemptions Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM

OCT 6 2004

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name	Application	Issue	Expiration
City/State	Date	Date	Date
21st Century	Feb 02,	Mar 24,	Sep 30,
Environmental	2004	2004	2005
Management, Inc. of RI			
Providence, RI			
Advanced Chemical	Jan 27,	Mar 24,	Sep 30,
Transport, Inc.	2004	2004	2005
San Jose, CA			
Advanced Environmental	Oct 21,	Nov 21,	Sep 30,
Options, Inc.	2003	2003	2005
Gaffney, SC			
Alternative Disposal,	Dec 03,	Mar 24,	Sep 30,
Inc.	2003	2004	2005
Fallbrook, CA			
American Chemical and	Jun 17,	Jul 21,	Sep 30,
Environmental Inc dba	2004	2004	2005
Americhem			
Chula Vista, CA			
American Environmental	Dec 17,	Mar 24,	Sep 30,
Services, Inc. (AES)	2003	2004	2005
Pittsburgh, PA			
American Hazardous	Jul 13,	Aug 10,	Sep 30,
Materials Management,	2004	2004	2005
Inc.			
Middle Island, NY			
Asbury Environmental	Jan 07,	Jan 30,	Sep 30,
Services	2004	2004	2005
Compton, CA			
Bay West, Inc.	Feb 18,	Apr 7,	Sep 30,
St. Paul, MN	2004	2004	2005
Bee Environmental	May 12,	June 1,	Sep 30,
Management, Inc.,	2004	2004	2005
Plainfield, IN			
Boeing Company, The	Jan 06,	Jan 30,	Sep 30,
Canoga Park, CA	2004	2004	2005
Brigham Young University	Jun 1, 2004	Jun 17,	Sep 30,
Provo, UT		2004	2005

B 2004 Company Name Application Issue Expiration City/State Date Date Date C & W Environmental, LLC Sep 30, Jan 02. Jan 30, Cheektowaga, NY 2004 2004 2005 Sept 30, Chem-Freight, Inc. Feb 25, Mar 24, 2004 2004 Detroit, MI 2005 Chemical Analytics, Inc. Jan 12, Jan 30, Sep 30, Romulus, MI 2004 2004 2005 Jun 6, 2004 Chemical Disposal Jul 2, Sep 30, Services, Inc. 2004 2005 Gary, IN Mar 3, 2004 Chemical Pollution Mar 24, Sep 30, Control, Inc. of NY 2004 2005 (CPC) Bay Shore, NY Feb 16, Sep 30, Clean Harbors Apr 7, Environmental Services, 2004 2004 2005 Inc. Braintree, MA Clean Venture Inc. Mar 2, 2004 Mar 24, Sep 30, Elizabeth, NJ 2004 2005 Sep 30, Consolidated Waste March 15, Apr 7, Industries, Inc. 2004 2005 2004 Montclair, CA Sep 30, Dart Trucking Company, Jan 06, Jan 30, 2004 2004 2005 Inc. Canfield, OH Disposal Consultant Oct 28, Dec 12, Sep 30, 2003 2003 2005 Services, Inc. Hillsborough, NJ Mar 24, Sep 30, Duratek Federal Jan 28, 2005 2004 Services, Inc. 2004 Richland, WA Dec 24, Jan 06, Sep 30, ECOFLO, Inc. 2003 2004 2005 Greensboro, NC Sep 30, Jan 28, Mar 24, Eldredge, Inc., 2004 2004 2005 West Chester, PA Sep 30, Environmental Jan 21, Jan 30, 2004 2005 2004 Enterprises of Florida, Inc. Orlando, FL

Continuation DOT-E 10441 (12th Rev.) APPENDIX A Page 7

<u> </u>		
Application Date	Issue Date	Expiration Date
Jan 13,	Jan 30,	Sep 30,
2004	2004	2005
Dec 08.	Jan 06,	Sep 30,
· · · · · · · · · · · · · · · · · · ·	•	2005
2003		
Mar 29	Apr 20	Sep 30,
· ·	1 -	2005
2004	2004	2000
05	T 20	Sep 30,
1	1	2005
2003	2004	2003
		0-12-20
		Sep 30,
2003	2003	2005
Mar 25,	Apr 20,	Sep 30,
2004	2004	2005
Feb 19,	Apr 7,	Sep 30,
2004	2004	2005
Feb 16,	Apr 7,	Sep 30,
2004	2004	2005
Jul 1, 2004	Aug 17,	Sep 30,
0 4 2 7 2 3 3	_	2005
Dec 01		Sep 30,
•	ł	2005
2003	2001	
Nov. 06	Dec 08	Sep 30,
I		2005
		Sep 30,
Apr 2, 2004		2005
	2004	2003
		0 20
1	1	Sep 30,
2004	2004	2005
Dec 11,	1	Sep 30,
2003	2004	2005
Jan 07,	Jan 30,	Sep 30,
2004	2004	2005
	Date Jan 13, 2004 Dec 08, 2003 Mar 29, 2004 Nov 05, 2003 Sep 18, 2003 Mar 25, 2004 Feb 19, 2004 Feb 16, 2004 Jul 1, 2004 Dec 01, 2003 Nov 06, 2003 Apr 2, 2004 Jan 13, 2004 Dec 11, 2003 Jan 07,	Application Date Issue Date Jan 13, 2004 Jan 30, 2004 Dec 08, 2003 Jan 06, 2004 Mar 29, 2004 Apr 20, 2004 Nov 05, 2003 Jan 30, 2004 Sep 18, 2003 Oct 3, 2003 Mar 25, 2004 Apr 20, 2004 Feb 19, 2004 Apr 7, 2004 Feb 16, 2004 Aug 17, 2004 Jan 1, 2004 Jan 06, 2004 Nov 06, 2003 Dec 08, 2003 Apr 2, 2004 Apr 7, 2004 Jan 13, 2004 Jan 24, 2004 Dec 11, 2003 Jan 06, 2004 Jan 13, 2004 Jan 30, 2003 Jan 13, 2004 Jan 30, 2004

Continuation DOT-E 10441 (12th Rev.) APPENDIX A Page 8

OCT 6 2004

		001	D ZUU4
Company Name	Application	Issue	Expiration
City/State	Date	Date	Date
General Environmental Management, Inc.(GEM) Pamona, CA	Feb 25,	Mar 24,	Sep 30,
	2004	2004	2005
Global Environmental Services Group, LLC Honolulu, HI	Aug 23, 2004	Sep 21, 2004	Sep 30, 2005
Hazchem Environmental Corporation (HazChem) Addison, IL	Mar 1, 2004	Mar 24, 2004	Sep 30, 2005
HazMat Environmental Group, Inc. Buffalo, NY	Feb 9, 2004	Apr 7, 2004	Sep 30, 2005
Heritage Transport, LLC.	Dec 03,	Jan 06,	Sep 30,
Indianapolis, IN	2003	2004	2005
Horwith Trucks Inc. Northampton, PA	Jan 30,	Mar 24,	Sep 30,
	2004	2004	2005
Idaho National Engineering and Environmental Lab. Idaho Falls, ID	Jan 27,	Mar 24,	Sep 30,
	2004	2004	2005
Larsen Oil Co., Inc. North Mankato, MN	Mar 12,	Apr 7,	Sep 30,
	2004	2004	2005
Maumee Express, Inc.	Dec 23,	Jan 30,	Sep 30,
Somerville, NJ	2003	2004	2005
Midwest Environmental Services Inc. Brownstown, IN	Nov 28,	Jan 06,	Sep 30,
	2003	2004	2005
Midwest Environmental Transport, Inc. Cincinnati, OH	Feb 18,	Mar 31,	Sep 30,
	2004	2004	2005
MKC Enterprises, Inc. Doraville, GA	Feb 10,	Mar 24,	Sep 30,
	2004	2004	2005
New England Disposal Technologies, Inc. Shrewsbury, MA	Mar 25, 2004	Apr 7, 2004	Sep 30, 2005
North State Environmental S. San Francisco, CA	Feb 10,	Mar 24,	Sep 30,
	2004	2004	2005

6 2004 **NCT** Expiration Application Issue Company Name Date Date City/State Date Feb 20, Mar 24. Sep 30, Nortru, Inc., 2005 Transportation Group 2004 2004 Detroit, MI Onyx Environmental Jan 06, Jan 30, Sep 30, 2004 2004 2005 Services, L.L.C. Flanders, NJ Mar 24, Feb 10, Sep 30, Pacific Trans 2004 2005 Environmental Services, 2004 Inc. El Cajon, CA Sep 30, May 10, June 1, Perma-Fix of Orlando, Inc., Orlando, FL 2004 2004 2005 Jan 30, Sep 30, Jan 08. Philip Reclamation 2005 2004 2004 Services Houston, Inc. Houston, TX Jan 30, Sep 30, Philip Transportation & Jan 11, 2004 2005 Remediation, Inc. 2004 (Former Grantee: Allwaste) Phoenix, AZ Sep 30, Pollution Control Mar 19, Apr 7, 2004 2004 2005 Industries of California LLC, Rancho Cordova, CA Apr 7, Sep 30, Mar 19, Pollution Control Industries of Tennessee, 2004 2004 2005 LLC, Millington, TN Mar 19, Apr 7, Sep 30, Pollution Control 2005 2004 2004 Industries, Inc. (PCI) East Chicago, IN Jun 17, Sep 30, May 20, R3 Environmental 2004 2004 2005 Management, Inc. Elgin, IL 6 2004 Sep 30, 2005 Sep 7, 2004 Rebec LLC OCT Lynnwood, WA Jan 30, Sep 30, Republic Environmental Jan 13, 2005 2004 2004 Systems (Transportation Group), Inc. Hatfield, PA Sep 30, Jan 30, Rinchem Company, Inc. Jan 12, 2005 2004 2004 Albuquerque, NM

	UC1 6 2004		
Company Name	Application	Issue	Expiration
City/State	Date	Date	Date
Rineco Chemical Industries, Inc. Benton, AR	Jan 8, 2004	Apr 7, 2004	Sep 30, 2005
Robbie D. Wood, Inc.	May 21,	June 1,	Sep 30,
Dolomite, AL	2004	2004	2005
Romic Environmental Technologies Corporation East Palo Alto, CA	Apr 16,	Apr 29,	Sep 30,
	2004	2004	2005
Rutgers Environmental Health & Safety Piscataway, NJ	Feb 02, 2004	Mar 24, 2004	Sep 30, 2005
Safety-Kleen (Puerto Rico), Inc. Plano, TX	Feb 06, 2004	Mar 24, 2004	Sep 30, 2005
Safety-Kleen Canada, Inc. Plano, TX	Feb 04, 2004	Mar 24, 2004	Sep 30, 2005
Safety-Kleen Systems, Inc. Plano, TX	Feb 04, 2004	Mar 24, 2004	Sep 30, 2005
SET Environmental, Inc. Wheeling, IL	Jan 16,	Jan 30,	Sep 30,
	2004	2004	2005
SJ Transportation Co, Inc. (Former Grantee: S-J Trans. Co.) Woodstown, NJ	Feb 12, 2004	Apr 7, 2004	Sep 30, 2005
SLT Express Way, Inc.	Mar 22,	Apr 7,	Sep 30,
Murray, UT	2004	2004	2005
Smith Systems Transportation, Inc. Scottsbluff, NE	Jan 05,	Jan 30,	Sep 30,
	2004	2004	2005
Special Waste Disposal, Inc. Minneapolis, MN	Feb 11, 2004	Mar 24, 2004	Sep 30, 2005
Sturgeon & Son Inc. Bakersfield, CA	Feb 16,	Mar 24,	Sep 30,
	2004	2004	2005
Teris, LLC (Former Grantee: ENSCO, Inc. dba Div. Trans.) Dallas, TX	Jan 20,	Jan 30,	Sep 30,
	2004	2004	2005

		001	0 2004
Company Name	Application	Issue	Expiration Date
City/State	Date	Date	
The Environmental Service Group (NY) Inc., Tonawanda, NY	Jun 9,2004	Jul 2, 2004	Sep 30, 2005
Triad Transport, Inc.	Jan 12,	Apr 29,	Sep 30,
McAlester, OK	2004	2004	2005
U.S. Industrial Technologies, Inc. Novi, MI	Jan 12,	Mar 24,	Sep 30,
	2004	2004	2005
University of California, San Diego La Jolla, CA	Feb 05, 2004	Mar 24, 2004	Sep 30, 2005
University of Vermont	Dec 31,	Jan 30,	Sep 30,
Burlington, VT	2003	2004	2005
UT-Battelle, LLC	Jun 22,	Aug 10,	Sep 30,
Oak Ridge, TN	2004	2004	2005
WESKEM, LLC Oak Ridge, TN	Apr 6, 2004 & Jul 23, 2004	Jul 30, 2004	Sep 30, 2005

Hazardous Materials Safety