LANL FFCO 2003

Los Alamos
NATIONAL LABORATORY

Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 6, 2003
Refer toRRES/SA-2003-436

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

RECEIVED
OCT 2003
NMED Hazardous
Waste Bureau

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT ACTIVITY 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) in the CPV requires that *"(w)ithin 45 days of receipt of waste at treatment facility or within 45 days after completion of parallel option"* the Department of Energy (DOE) and the University of California(UC), *"(p)rovide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."*

A shipment that included STP covered waste listed in Section 3.2 (K) of the CPV was initiated on August 21, 2003, and completed on August 25, 2003, and August 26, 2003. The waste was sent to three facilities: 1) Diversified Scientific Services, Inc., of Kingston, TN: 2) Material and Energy Corporation of Oak Ridge, TN; and 3)Permafix, Inc., of Gainesville FL. The total volume of STP waste shipped was 0.21 cubic meters. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m^3)
3.2	LA-W933	*Lab Packs*	02383, 02389, 02384, 02385,02388	0.21
Total STP Volume Shipped				**4.08**

Documentation that waste was received at the three aforementioned facilities is provided in Enclosure A. Also included as Enclosure B is a Certification Statement prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

Please print or type. (Form designed for use on elit[illegible]pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM0890010515 — Manifest Document No.: 02383

2. Page 1 of 4 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U of CA LANL for US DOE
Los Alamos National Laboratory
P.O. Box 1663, MS J595, Los Alamos, NM 87545

4. Generator's Phone (505) 665-6158

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name: MP Environmental ~~HITTMAN TRANSPORTATION SERVICES, INC.~~

6. US EPA ID Number: CAT000624247 ~~TND987783065~~

C. State Transporter's ID

D. Transporter's Phone 800-~~233-9933~~ 533-7602

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
DIVERSIFIED SCIENTIFIC SERVICES, INC.
657 GALLAHER ROAD
KINGSTON, TN 37763

10. US EPA ID Number: TND982109142

G. State Facility's ID

H. Facility's Phone: 865-376-0084

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	WASTE CARBON DISULFIDE, 3, UN1131, I	X	1	DF	1	p	P022 D001 D003
b.	WASTE ETHYL ISOCYANATE, 3, UN2481, I, POISON-INHALATION HAZARD ZONE A; DOT E9168	X	1	CF	1	p	D001 D003
c.	WASTE FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., 3, UN2924, I, (DIMETHYLDICHLOROSILANE, METHYLTRICHLOROSILANE) DOT-E11153	X	1	DF	1	p	D001 D002 D003
d.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (METHYL-N-PROPYL ETHER, IODOMETHYL PROPANE)	X	1	DF	1	p	U220 D001 D003

J. Additional Descriptions for Materials Listed Above
11a.02-09-40 C97097645
11b.02-09-43 C97097647
11c. C97097646 03-07-024
11d.02-09-36 C97097744
DSS1-03-156

K. Handling Codes for Wastes Listed Above
S01, S02, T01, T04, T80

15. Special Handling Instructions and Additional Information
"EMERGENCY PHONE NO: (505) 667-6211"
11a. ERGNO: 131 11b. ERGNO: 155 11c. ERGNO: 132. 11d. ERGNO: 128
03081903
HMTF~~#1 000000~~

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: [signature] — Signature: [signature] — Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN CHERPAK — Signature: [signature] — Month Day Year: 08 21 03

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: Dawn Lowe — Signature: Dawn Lowe — Month Day Year: 08 26 03

AD-0292-03

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ORIGINAL-RETURN TO GENERATOR

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator's US EPA ID No. [illegible]

Manifest Document No. [illegible]

22. Page [illegible]

Information in the shaded areas is not required by Federal law.

23. Generator's Name [illegible]

L. State Manifest Document Number

M. State Generator's ID

24. Transporter Company Name: MP Environmental

25. US EPA ID Number: CAT000624247

N. State Transporter's ID

O. Transporter's Phone: 833-7602

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)	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D003 D031 D055 D154 D213 D220 D001 D003 D011
b.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D001 D003
c.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D001 D003
d.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D001
e.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D001 D003
f.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	U003 D001 D003
g.	[illegible] DOT-E11153		[illegible]	[illegible]	[illegible]	[illegible]	D001 D002 D003
h.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D003
i.	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	D001 D003

S. Additional Descriptions for Materials Listed Above

[illegible]

T. Handling Codes for Wastes Listed Above

S01, S02, T01, T04, T80

32. Special Handling Instructions and Additional Information

[illegible]

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. | Manifest Document No. | 22. Page 4 | 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: MA Environmental | 25. US EPA ID Number: CAT000624247

N. State Transporter's ID

O. Transporter's Phone: 323-7402

26. Transporter Company Name | 27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

0, 20/03

	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.		(Methyl Ethyl Ketone Peroxide) ≤45%					D001
b.							D003
c.							D001
d.		DOT-E9723					D001 D003
e.		DOT-E9723					D001 D003
f.		DOT-E-9723					D001 D003
g.		DOT-E9723					D001 D003
h.		DOT-E9723					D001 D003
i.							D001 D003

GENERATOR

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above: S01, S02, T01, T04, T80

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date Month Day Year

34. Transporter ____ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date Month Day Year

FACILITY

35. Discrepancy Indication Space

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UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

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: MP Environmental

25. US EPA ID Number: CAT000624247

N. State Transporter's ID

O. Transporter's Phone: 833-2602

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)	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.							
b.	DOT-E 11153, DOT-E 9723						
c.	DOT-E 11153						
d.							
e.							
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above

25b. 03-07-022

T. Handling Codes for Wastes Listed Above

S01, S02, T01, T04, T80

32. Special Handling Instructions and Additional Information

GENERATOR

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

TRANSPORTER

FACILITY

35. Discrepancy Indication Space

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ORIGINAL-RETURN TO GENERATOR

Please print or type. (Form designed for use on el[illegible] 2-pitch) typewriter.)

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM0890010515 — Manifest Document No.: 02389

2. Page 1 of 2 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U of CA LANL for US DOE
Los Alamos National Laboratory
P.O. Box 1663, MS J595, Los Alamos, NM 87545

4. Generator's Phone (505) 665-6158

5. Transporter 1 Company Name: MP Environmental ~~HITTMAN TRANSPORTATION SERVICES, INC.~~

6. US EPA ID Number: CAT000624247 ~~TND987782065~~

7. Transporter 2 Company Name:

8. US EPA ID Number:

9. Designated Facility Name and Site Address
DIVERSIFIED SCIENTIFIC SERVICES, INC.
657 GALLAHER ROAD
KINGSTON, TN 37763

10. US EPA ID Number: TND982109142

A. State Manifest Document Number
B. State Generator's ID
C. State Transporter's ID
D. Transporter's Phone
E. State Transporter's ID
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone: 865-376-0084

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	34	p	[illegible]
b.	x WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1993, II, (METHYL SULFIDE, PHENOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	88	p	[illegible]
c.	x WASTE PYROPHORIC LIQUID, INORGANIC, N.O.S., 4.2, UN3194, I, (COBALT CARBONYL), LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-11153	1	CF	1	p	D001 D003
d.	x WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2845, I, (PHENYL LITHIUM), LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-11153	1	CF	2	p	D002 D003

J. Additional Descriptions for Materials Listed Above
11a. C03165747 03-08-034
11b. 02-09-48 86081300
11c. C03165748 03-08-035
11d. C03165745 03-08-036
0
ASSI 03-156

K. Handling Codes for Wastes Listed Above
[illegible]

15. Special Handling Instructions and Additional Information
"EMERGENCY PHONE NO: (505) 667-6211"
11a. ERGNO: 128 11b. ERGNO: 131 11c. ERGNO: 135 11d. ERGNO: 135
HMTF#: 03082001

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: Paul N. Nelson — Signature: [signature] — Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN CHERRAK — Signature: [signature] — Month Day Year: 08 21 03

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: Dawn Lowe — Signature: Dawn Lowe — Month Day Year: 08 26 03

GENERATOR / TRANSPORTER / FACILITY

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No.0397 P. 2
Sep.18. 2003 4:29PM USSI 865 376 0087

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. NM0890010515

Manifest Document No. 02389

22. Page 2

Information in the shaded areas is not required by Federal law.

23. Generator's Name
[illegible]
Los Alamos National Laboratory
P.O. Box 1663, MS [illegible], Los Alamos, NM 87545

24. Transporter [illegible] Company Name
HP Environmental

25. US EPA ID Number
CAT000624247

26. Transporter ___ Company Name

27. US EPA ID Number

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol
a.	WASTE RADIOACTIVE CORROSIVE LIQUID, CORROSIVE, N.O.S., 8, UN3266, I, (SODIUM HYDROXIDE), DEMINERS QUANTITY-RADIOACTIVE MATERIAL DOT-E-11153	X	1	CF	1	P
b.	WASTE WATER-REACTIVE LIQUID, CORROSIVE, N.O.S., 4.3, UN3129, I, DEMINERS QUANTITY-RADIOACTIVE MATERIAL	X	1	CF	10	P
c.	WASTE ALLYL ALCOHOL, 6.1, UN1098, I, DEMINERS QUANTITY-RADIOACTIVE MATERIAL	X	1	CF	2	P
d.	WASTE BENZYL CHLORIDE, 6.1, UN1738, II, DEMINERS QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE B	X	1	CF	2	P
e.	WASTE MERCURY IODIDE, 6.1, UN2392, II, DEMINERS QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE B	X	1	CF	2	P
f.	WASTE MERCURY ISOCYANATE, 6.1, UN2487, I, DEMINERS QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE B	X	1	CF	1	P
g.	QUANTITY-RADIOACTIVE MATERIAL	X	1	CF	1	P
h.						
i.						

GENERATOR

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

TRANSPORTER

35. Discrepancy Indication Space

FACILITY

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NO.0397 P. 3
ISSOL-REWARD 4:30PM 2003 Oct 16 Thu 505 982 8178 /800

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM0890010515
Manifest Document No.: 02384
2. Page 1 of 2
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U of CA LANL for US DOE
Los Alamos National Laboratory
P.O. Box 1663, MS J595, Los Alamos, NM 87545
4. Generator's Phone (505) 665-6158

A. State Manifest Document Number
B. State Generator's ID

K.O. 1/20/03

5. Transporter 1 Company Name
MP Environmental
~~HITTMAN TRANSPORTATION SERVICES, INC.~~
6. US EPA ID Number
CAT000624247
~~TND987783065~~
C. State Transporter's ID
D. Transporter's Phone 800-~~233-9933~~ 833-7602

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
MATERIAL & ENERGY CORPORATION
2010 HIGHWAY 58, SUITE 1020
OAK RIDGE, TN 37830
10. US EPA ID Number
TNR000005397
G. State Facility's ID
H. Facility's Phone 865-425-1229

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	X	WASTE SODIUM HYDROSULFITE, 4.2, UN1384, II DOT-E-11153	1	DM	1	p	D001
b.	X	WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III, (SILVER PERCHLORATE)	1	DF	1	p	D001 D003 D011
c.	X	WASTE CYANIDE SOLUTIONS, N.O.S., 6.1, UN1935, II, (SODIUM CYANIDE, COPPER CYANIDE) DOT-E-9723	1	DF	40	p	D003
d.	X	WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, II, (AMMONIUM FLUORIDE, SELENOUS ACID)	1	DF	1	p	U204 D010

J. Additional Descriptions for Materials Listed Above
11a.02-10-89 C92026740
11b.02-10-70 C02145723
11c. C00123980 PI-03-03 ETTP-03-137
11d.02-10-58 C02152563

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
"EMERGENCY PHONE NO: (505) 667-6211"
11a. ERGNO: 135 11b. ERGNO: 140 11c. ERGNO: 157 11d. ERGNO: 151
HMTF#: ~~00000~~ 03081902

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: [signature] Signature: [signature] Month Day Year: 08 21 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN CHERPAK Signature: [signature] Month Day Year: 08 21 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Signature: Month Day Year:

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.
Printed/Typed Name: Kimberly Hurd Signature: [signature] Month Day Year: 08 26 03

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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. NMA 6 9 0 1 7 6 1 5

Manifest Document No. 0 0 5 9 0

22. Page 2

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: HP Environmental

25. US EPA ID Number: CAT000614249

N. State Transporter's ID

O. Transporter's Phone: 800-833-7602

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)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	[illegible]	A	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
b.	[illegible] III 9 [illegible] 8/14/03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D001
c.	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	D001 D006
d.	[illegible] Radioactive white I oxide 8/14/03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D003
e.	[illegible] Radioactive white I oxide 8/14/03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D001
f.	[illegible] DOT-E-9723	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	D001 D011
g.	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	D003
h.							
i.							

S. Additional Descriptions for Materials Listed Above

25a. [illegible] P3-07-04

25b. [illegible] P3-07-05

25c. [illegible] P3-07-06

25d. [illegible] 02-11-18

25e. [illegible]

25f. [illegible]

25g. [illegible]

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

[illegible]

GENERATOR

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM0890010515
Manifest Document No.: 02385

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U of CA LANL for US DOE
Los Alamos National Laboratory
P.O. Box 1663, MS J595, Los Alamos, NM 87545

4. Generator's Phone (505) 665-6158

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name
MP Environmental
~~HITTMAN TRANSPORTATION SERVICES, INC.~~

6. US EPA ID Number: CAT000624247 ~~TND987783065~~

C. State Transporter's ID

D. Transporter's Phone 800-~~233-9933~~ 833-7602

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
PERMA-FIX
1940 NW 67th PLACE
GAINESVILLE, FL 32653

10. US EPA ID Number: FLD980711071

G. State Facility's ID: FLD980711071

H. Facility's Phone: 352-373-6066

K.D. 8/20/03

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)

	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	x	WASTE FLAMMABLE SOLID, ORGANIC N.O.S., 4.1, UN1325, II	1	DF	3	p	D001
b.	x	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Liquid, AM241 PU238 PU239 U235 U238, 4.52e-06 TBq Radioactive White-I Oxide fissile excepted JM 8/19/03	1	DM	32	p	U112 U154 U159 U161 D001
c.	x	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Liquid, AM241 H3 PU239 U235 U238, 1.35e-05 TBq White-I Oxide fissile excepted Radioactive JM 8/19/03	1	DM	56	p	D002
d.							

J. Additional Descriptions for Materials Listed Above
11a. C02157348 RS 3603
11b. C93034657 RS 3601
11c. C98106407 RS 3602

K. Handling Codes for Wastes Listed Above
S01, H141
H050

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE NO: (505) 667-6211
11a. ERGNO: 133 11b. ERGNO: 163 11c. ERGNO: 163

HMTF#: ~~00000~~ 03081901

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: Paul N. Nahey
Signature: [signature]
Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN CHERPAK
Signature: [signature]
Month Day Year: 08 21 03

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: Steve Williams
Signature: [signature]
Month Day Year: 08 25 03

GENERATOR / TRANSPORTER / FACILITY

Style CF 17 LABELMASTER® (800) 621-5808 www.labelmaster.com

EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete

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ORIGINAL-RETURN TO GENERATOR

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Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM0890010515
Manifest Document No.: 02388

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
U of CA LANL for US DOE
Los Alamos National Laboratory
P.O. Box 1663, MS J595, Los Alamos, NM 87545

4. Generator's Phone (505) 665-6158

A. State Manifest Document Number

B. State Generator's ID

5. Transporter 1 Company Name
MF Environmental
~~HITTMAN TRANSPORTATION SERVICES, INC.~~

6. US EPA ID Number
CAT000624247
~~TND987783065~~

C. State Transporter's ID

D. Transporter's Phone 800-~~233-9933~~ 883-3602

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
PERMA-FIX
1940 NW 67th PLACE
GAINESVILLE, FL 32653

10. US EPA ID Number
FLD980711071

G. State Facility's ID
FLD 980711071

H. Facility's Phone
352-373-6066

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	HM		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	x	WASTE TOXIC, LIQUIDS, ORGANIC, N.O.S., 6.1, UN2810, II, (DIBROMOMETHANE, METHYL ORANGE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	2	p	U088
b.	x	WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, UN3265, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E 11153 DOT E-9723	1	DF	1	p	D002
c.							
d.							

J. Additional Descriptions for Materials Listed Above
11a. C03165744 RS 3665
11b. C03165746 RS 3666

K. Handling Codes for Wastes Listed Above
S01, X141

15. Special Handling Instructions and Additional Information
"EMERGENCY PHONE NO: (505) 667-6211"
11a. ERGNO: 153 11b. ERGNO: 153

HMTF#: 03082002

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: Paul N. Nuhy
Signature: [signature]
Month Day Year: 08 21 03

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JOHN CHERPAK
Signature: [signature]
Month Day Year: 08 21 03

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: Steve Williams
Signature: [signature]
Month Day Year: 08 25 03

GENERATOR

TRANSPORTER

FACILITY

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EPA Form 6700-22 (Rev. 9-88) Previous editions are obsolete.

ORIGINAL-RETURN TO GENERATOR

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PRINTED WITH SOY INK

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**