Los Alamos National Laboratory

Waste Management Program
Environmental Science and Waste Technology Division
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 665-8293 / FAX: (505) 665-6727

Date: August 17, 2000
Refer to: E/WM:00-018

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Dr. Robert (Stu) Dinwiddie
RCRA Advisor
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, New Mexico 87502

SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT, ACTIVITIES 3.1.3(D), 3.1.4 (B), 3.1.11(B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Dr. Dinwiddie,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.3 (D), 3.1.4 (B), and 3.1.11(B) in the CPV require 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."* This notification is required by Section XX of the October 4, 1995 FFCO.

A shipment that included STP covered waste listed in Sections 3.1.3, 3.1.4, and 3.1.11 of the CPV was initiated on July 25, 2000 and completed on July 28, 2000. Wastes were sent for treatment to the Perma-Fix facility located in Gainesville, Florida. The shipment included 19 items that were proposed for addition to the STP in Revision 10. The shipment also included one item that was returned from a treatability study and should have been added back into the STP. The total volume of STP waste shipped to Perma-Fix is 1.49 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

2016

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m^3)
3.1.3	LA-W906	*Aqueous Organic Liquids*	0.59
3.1.4	LA-W911	*Organic Combustible Solids*	0.62
3.1.4	Propose LA-W911	*Propose Organic Combustible Solids*	0.11
3.1.11	Proposed LA-W908	*Proposed Nonhalogenated Organic Liquids*	0.05
3.1.11	LA-W908	*Nonhalogenated Organic Liquids*	0.12
		TOTAL STP VOLUME SHIPPED	1.49

Documentation that waste was received at Perma-Fix is enclosed. Also included, as Enclosure B is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Please contact me at (505) 665-0714 if you have any questions.

Sincerely,

Beverly Martin

Beverly Martin
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
P.O. Box 26110
Santa Fe, New Mexico 87502

ENCLOSURE B
CERTIFICATION

NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT ACTIVITIES 3.1.3(D), 3.1.4 (B), 3.1.11(B) SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.

Beverly Martin

Beverly Martin
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

August 17, 2000
Date Signed

James G. Nunz
Waste Management Program Manager
Los Alamos Area Office
U.S. Department of Energy
Albuquerque Operations
Owner/Operator

Date Signed

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's US EPA ID No. NM0890010515

Manifest Document No. 2014

2. Page 1 of 3

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: HITTMAN TRANSPORTATION SERVICES, INC.

6. US EPA ID Number: TND987783065

C. State Transporter's ID

D. Transporter's Phone 800-233-9933

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

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.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS ETHYL ACETATE)	X	5	DF	255	p	F003 D001
b.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS ETHYL ACETATE)	X	3	DM	291	p	F003 D001
c.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ACETONE, METHANOL)	X	2	DF	12	p	F002 F003 F005 D001 D004 D005 D007 D018 D019 D022 D035 D038
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 PU240 PU238 PU241 U233 U234 TH234 U235 U238 AM241, 5.19e-04 TBq, Fissile Excepted, LSA-II	X	1	DM	50	p	F005 D007

J. Additional Descriptions for Materials Listed Above
11a.RS 732 C00126139 C00127627 C96067937 C98101476 C98101947
11b.RS 732 C95053412 C97090264 C98107425
11c.RS 850 C99122429 C99122430
11d.RS 851 C97078754 INEL 12528
"Exclusive use Shipment"

K. Handling Codes for Wastes Listed Above
S01, M141
M041

15. Special Handling Instructions and Additional Information
EMERGENCY PHONE NO: (505) 667-6211
11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 162
HNTF#: 71003

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. Neuberry | Signature | Month Day Year: 07 25 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: JEFF BROOKS | Signature | Month Day Year: 07 25 00

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: Thomas A. Hamm | Signature | Month Day Year: 07 28 00

Style CF 17 LABELMASTER, AN AMERICAN LABELMARK CO., CHICAGO, IL 60646 (800)621-5808

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

ORIGINAL-RETURN TO GENERATOR

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PRINTED WITH SOY INK

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. NM 90010515

Manifest Document No. 20147

22. Page 2 of 3

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

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

L. State Manifest Document Number

M. State Generator's ID

24. Transporter 1 Company Name
HITTMAN TRANSPORTATION SERVICES, INC.

25. US EPA ID Number TND987783065

N. State Transporter's ID

O. Transporter's Phone ~~800-233-9933~~

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.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 PU240 PU238 PU241 U233 U234 TH234 U235 U238 AM241, 4.35e-04 TBq, Fissile Excepted, LSA-II	X	1	DM	42	P	F005 D007
b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 PU240 PU238 PU241 U233 U234 TH234 U235 U238 AM241, 6.97e-04 TBq, Fissile Excepted, LSA-II	X	1	DM	67	P	F005 D007
c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 BA140 PU238 PU239, 1.42e-04 TBq, Fissile Excepted, Radioactive White I, LSA-II	X	1	DM	218	P	D005, D006, D007, D009 D011, D018, D019, D021 D022, D027, D028, D039, D043 *
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 BA140 PU238 PU239, 9.08e-05 TBq, Fissile Excepted, Radioactive White I, LSA-II	X	1	DM	244	P	D005, D006, D007, D009 D011, D018, D019, D021 D022, D027, D028 D039, D043 *
e.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 BA140 PU238 PU239 U235 U238, 9.06e-05 TBq, Fissile Excepted, Radioactive White I, LSA-II	X	1	DM	274	P	D005, D006, D007, D009 D011, D018, D019, D021 D022, D027, D028 D039, D043 *
f.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 BA140 PU238 PU239, 2.34e-05 TBq, Fissile Excepted, Radioactive White I, LSA-II	X	1	DM	15	P	D005, D006, D007, D009 D011, D018, D019, D021 D022, D027, D028 D039, D043 *
g.	WASTE RADIOACTIVE MATERIAL, N.O.S, 7, UN2982, Liquid, ELEMENTAL, AM241 AM243 CM243 CS137 H3 NP237 PU239 U235, 3.04e-07 TBq, Fissile Excepted, Radioactive White I	X	1	DM	1	P	D008 D018
h.	WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, UN3265, II, (CONTAINS NITRIC ACID)	X	1	DF	4	P	D002
i.	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS 1,1,1-TRICHLOROETHANE, BENZENE)	X	1	DM	17	P	F002 F004 F005

S. Additional Descriptions for Materials Listed Above
28a.RS 851 C97078755 INEL 12526
28b.RS 851 C97078756 INEL 12525
28c.RS 855 C96066680
28d.RS 855 C96066681
28e.RS 855 C96066682
28f.RS 855 C96066685
28g.RS 852 C99121127
28h.RS 857 C99118968
28i.RS 853 C00124279
"Exclusive use Shipment"

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
EMERGENCY PHONE NO: (505) 667-6211
28a. ERGNO: 162 28b. ERGNO: 162 28c. ERGNO: 162 28d. ERGNO: 162 28e. ERGNO: 162 28f. ERGNO: 162
28g. ERGNO: 163 28h. ERGNO: 153 28i. ERGNO: L71

* Other Codes Exist

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)
JEFF BROOKS	Jeff Brooks	07 25 00

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

Style CF 18 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

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

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ORIGINAL - RETURN TO GENERATOR

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25. US EPA ID Number: TND987783065

N. State Transporter's ID

O. Transporter's Phone: 800-233-9933

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.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (1,1,1-TRICHLOROETHANE)	X	1	DF	1	P	F002 F004 F005 D020 D030 D031 D032 D033 D034 D042
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							

GENERATOR

S. Additional Descriptions for Materials Listed Above
28a. RS 856 C99121134

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
EMERGENCY PHONE NO: (505) 667-6211
28a. ERGNO: 171

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

Style CF 18 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

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ORIGINAL RETURN TO GENERATOR