

# 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: April 28, 2000  
Refer to: E/WM:00-012



## 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 3.1.4 (B), 3.1.5 (B), 3.2 (K), AND 3.4 (F) 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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.4 (B), 3.1.5 (B), and 3.2 (K) 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.*" Activity 3.4(F) in the CPV requires that "*(w)ithin 45 days of receipt of waste at treatment facility,*" DOE and UC, "*(p)rovide documentation to NMED that waste was received at off-site facility.*" This notification is required by Section XX of the October 4, 1995 FFCO.

A shipment that included STP covered waste listed in Sections 3.1.4, 3.1.5, 3.2, 3.3.3, and 3.4 of the CPV was initiated on March 31, 2000 and completed on April 3, 2000. Wastes were sent for treatment to Allied Technology Group, Inc. (ATG) located in Richland, Washington. The shipment included one item that was approved in December 1997 (Revision 5.0) for transfer to the "Missing/Nonexistent/TBV" category. The total volume of STP waste shipped to ATG is 13.73 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.



2005

Rec'd LANL FFCO/2000

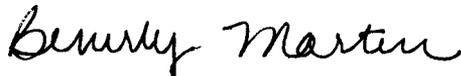
TL

STP Section	MWR Waste ID	Treatability Group	Volume Shipped (m <sup>3</sup> )
3.1.4	LA-W911	<i>Organic Combustible Solids</i>	0.21
3.1.5	LA-W912	<i>Combustible Debris</i>	13.49
3.2	LA-W933	<i>Lab Packs</i>	0.02
3.3.3	LA-W931	<i>Lead Requiring Sorting</i>	0.02
3.4	N/A	<i>Missing/Nonexistent/TBV</i>	0.0005
<b>TOTAL STP VOLUME SHIPPED</b>			<b>13.73</b>

Documentation that waste was received at ATG 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  
 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

Bcc (w/encl.):

H. Haynes, DOE Counsel, LAAO  
J. Orban, DOE, WMD, AL  
J. Nunz, DOE, LAAO  
K. Hargis, E-WMOSR, MS J591  
B. Martin, E-WMOSR, MS J591  
E. Louderbough, LC-GL, MS A187  
S. Moreno, LC-GL, MS A187  
J. Kelly, FWO-SWO, MS J595  
A. Millensted, FWO-SWO, MS J595  
A. Jackson, ESH-19, MS K490  
E-WMOSR Files

**ENCLOSURE B  
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT  
ACTIVITIES 3.1.4 (B), 3.1.5 (B), 3.2 (K) AND 3.4 (F)  
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

*April 28, 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.

Manifest Document No. 20161

2. Page 1 of 4

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

3. Generator Name and Mailing Address  
 Los Alamos National Laboratory  
 P.O. Box 1663, MS J595, Los Alamos, NM 87545

4. Generator's Phone (505) 663-6158

5. Transporter 1 Company Name  
 RITTMAN TRANSPORTATION SERVICES, INC.

6. US EPA ID Number  
 TND987783065

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address  
 ATG, Inc  
 2025 Battelle Blvd.  
 Richland, WA 99352

10. US EPA ID Number  
 WAR000010355

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

a.	X	CORROSIVE SOLID, BASIC, INORGANIC, H.O.S., 8, 023262, III, (MAGNESIUM HYDROXIDE)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
			No.	Type		
	X	HAZARDOUS WASTE SOLID, H.O.S., 9, 023077, III, (1,1,1-TRICHLOROETHANE, LEAD)	22	DN	2056	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, 023077, III, (CADMIUM)	1	DN	400	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, 023077, III, (CADMIUM)	2	DF	100	P

15. Special Handling Instructions and Additional Information

\*EMERGENCY PHONE NO: (505) 667-6211\*  
 11a. ERGNO: 154 11b. ERGNO: 171 11c. ERGNO: 171 11d. ERGNO: 171

REFID: 33101

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. Newberry

Signature

Month Day Year  
 03/31/00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name  
 Philip Miller

Signature

Month Day Year  
 10/31/00

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  
 Bob Denne

Signature

Month Day Year  
 10/10/00



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.  
NM0890010515

Manifest Document No. Page 2  
20161 4

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

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

24. Transporter's Company Name  
HITTRAN TRANSPORTATION SERVICES, INC.

25. US EPA ID Number  
TN-D-98-7783065

26. Transporter Company Name  
27. US EPA ID Number

a.	HAZ	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Wt/Vol
			No.	Type		
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (SILVER)	1	DN	100	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (BARIUM, LEAD)	23	DN	1090	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (1,1,1-TRICHLOROETHANE, LEAD)	3	DN	600	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (LEAD), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	97	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (LEAD), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	35	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (LEAD)	1	DN	7	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (CHROMIUM, LEAD), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	20	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (LEAD), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	1	P
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, H307/1, III, (MERCURY)	1	DN	1	P

GENERATOR

32. Special Handling Instructions and Additional Information  
EMERGENCY PHONE NO.: (505) 667-6211  
28a. ERGNO: 171- 28b. ERGNO: 171- 28c. ERGNO: 171- 28d. ERGNO: 171- 28e. ERGNO: 171- 28f. ERGNO: 171-  
28g. ERGNO: 171- 28h. ERGNO: 171- 28i. ERGNO: 171-

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

35. Discrepancy Indication Space

**UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)**

21. Generator's US EPA ID No.  
**NM0890010515**

Manifest Document No.  
**20161**

Page **3**  
 of **4**

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

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

24. Transporter Company Name  
**HITMAN TRANSPORTATION SERVICES, INC.**

25. US EPA ID Number  
**T.N.D.9.8.7.7.8.3.0.6.5**

26. Transporter Company Name  
 \_\_\_\_\_

27. US EPA ID Number  
 \_\_\_\_\_

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

a.	b.	c.	d.	e.	f.	g.	h.	i.	29. Containers		30. Total Quantity	31. Unit Wt/Vol
									No.	Type		
x									1	DR	1	P
	x								225	DR	225	P
		x							10	DR	10	P
			x						118	DR	118	P
				x					997	DR	997	P
					x				68	DR	68	P
						x			30	DR	30	P
							x		90	DR	90	P
								x	28	DR	28	P

GENERATOR

32. Special Handling Instructions and Additional Information

EMERGENCY PHONE NO: (505) 667-6211  
 18a. HGN: 171 28a. HGN: 171 28c. HGN: 171 28d. HGN: 171 28e. HGN: 171 28f. HGN: 171  
 18g. HGN: 171 28g. HGN: 171 28i. HGN: 171

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

35. Discrepancy Indication Space

\_\_\_\_\_

Please print or type. (Form designed for use on elite (10 pitch) typewriter.)

Form Approved OMB No. 2050-0039

# UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.  
NM0890010515

Manifest Document No.  
20161

Page 4

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

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

24. Transporter Company Name  
KITCHAS TRANSPORTATION SERVICES, INC.

25. US EPA ID Number  
TND987783065

26. Transporter Company Name

27. US EPA ID Number

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

29. Containers

30. Total Quantity

31. Unit Wt/Vol

	RM		No.	Type		
a.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (1,1,1-TRICHLOROETHANE)	1	DM	22	P
b.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (CHROMIUM, LEAD)	1	DF	2	P
c.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (LEAD, CADMIUM)	1	DM	14	P
d.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (LEAD, SODIUM CHROMATE)	1	DM	22	P
e.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (PETROLEUM DISTILLATES)	1	DF	2	P
f.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (1,1,1-TRICHLOROETHANE, TOLUENE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	CV	250	P
g.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (BARIUM, LEAD)	5	DM	213	P
h.	x	HAZARDOUS WASTE, SOLID, H.O.S., 9, H3077, III, (CONTAINS TOLUENE, CHLOROFORM)	1	DF	38	P
i.						

32. Special Handling Instructions and Additional Information

EMERGENCY PHONE NO.: (505) 667-6211  
18a. ERGNO: 171 28b. ERGNO: 171 28c. ERGNO: 171 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171  
18g. ERGNO: 171 28h. ERGNO: 171

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

35. Discrepancy Indication Space