

# 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: June 15, 2000  
Refer to: E/WM:00-014

## 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,  
ACTIVITY 3.1.5 (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.15 (B) 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." This notification is required by Section XX of the October 4, 1995 FFCO.

A shipment that included STP covered waste listed in Section 3.1.5 of the CPV was initiated on May 31, 2000 and completed on June 2, 2000. Wastes were sent for treatment to Allied Technology Group, Inc. (ATG) located in Richland, Washington. As discussed in our phone conversation of May 25, 2000 and our letter on May 31, 2000, the shipment was delayed because of the closure of the Laboratory due to the Cerro Grande fire. The delay resulted in the shipment including one item (consisting of soil samples) that was passed a year of its generation. The total volume of STP waste shipped to ATG is 2.27 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.



2011

Red  
LANL  
FFCO/2000

72

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m <sup>3</sup> )
3.1.5	LA-W912	<i>Combustible Debris</i>	0.23
3.1.5	LA-W921	<i>Activated or Inseparable Lead</i>	0.74
3.15	LA-W922	<i>Non-Combustible Debris</i>	1.19
N/A	N/A	<i>Soil Samples</i>	0.11
<b>TOTAL STP VOLUME SHIPPED</b>			2.27

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

BM:sl

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  
C. Duy, FWO-SWO, MS J595  
A. Jackson, ESH-19, MS K490  
E-WMOSR Files

**ENCLOSURE B  
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT  
ACTIVITY 3.1.5 (B)  
SITE TREATMENT PLAN (STP),  
LOS ALAMOS NATIONAL LABORATORY (LANL)**

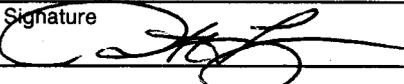
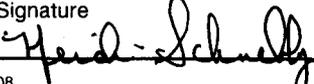
I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.

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

June 15, 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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		Generator's US EPA ID No. <b>NM0890010515</b>	Manifest Document No. <b>20182</b>	2. Page 1 of 3	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>U of CA LAB for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545</b>		4. Generator's Phone ( <b>505</b> ) <b>665-6158</b>		A. State Manifest Document Number	
5. Transporter 1 Company Name <b>HITMAN TRANSPORTATION SERVICES, INC.</b>		6. US EPA ID Number <b>TND987783065</b>		B. State Generator's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID	
9. Designated Facility Name and Site Address <b>ATG, Inc. 2025 Battelle Blvd. Richland, WA 99352</b>		10. US EPA ID Number <b>WAR000010355</b>		D. Transporter's Phone <b>800-233-9933</b>	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone <b>509-375-5160</b>	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. <b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 K40 NM54 PU238 PU239 PU242 U238, 3.04e-06 TBq, Fissile Excepted, LSA-II</b>		No. <b>1</b> Type <b>DM</b>	<b>60</b>	<b>p</b>	<b>0002 0005 0007 0008 0035</b>
b. <b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 K40 NM54 PU238 PU239 PU242 U238, 3.04e-06 TBq, Fissile Excepted, LSA-II</b>		No. <b>1</b> Type <b>DM</b>	<b>60</b>	<b>p</b>	<b>0002 0005 0007 0008 0035</b>
c. <b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 2.40e-04 TBq, Fissile Excepted, LSA-II</b>		No. <b>1</b> Type <b>DM</b>	<b>627</b>	<b>p</b>	<b>0002 0005 0007 0008 0035</b>
d. <b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 2.40e-04 TBq, Fissile Excepted, LSA-II</b>		No. <b>1</b> Type <b>DM</b>	<b>679</b>	<b>p</b>	<b>0002 0005 0007 0008 0035</b>
J. Additional Descriptions for Materials Listed Above 11a. <b>983458</b> 11b. <b>983467</b> 11c. <b>C09122885</b> 11d. <b>C09122886</b> <b>*EXCLUSIONS USE 00000000*</b>		K. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information <b>*EMERGENCY PHONE NO: (505) 667-6211*</b> 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 <b>EMTF#: 50202</b>					
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 <b>Paul N. Newberry</b>		Signature 		Month Day Year <b>10/5/3/10/0</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <b>Robert C Fitzgibbon</b>		Signature 	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
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 <b>Heidi Schnebly for ATG</b>		Signature 		Month Day Year <b>10/6/10/2/0</b>	



<b>UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)</b>		21. Generator's US EPA ID No. <b>NM 890010515</b>	Manifest Document No. <b>20182</b>	22. Page <b>3</b>	Information in the shaded areas is not required by Federal law.	
23. Generator's Name <b>U. of CA LBNL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545</b>				L. State Manifest Document Number		
24. Transporter Company Name <b>HITMAN TRANSPORTATION SERVICES, INC.</b>				M. State Generator's ID		
25. US EPA ID Number <b>T.N.D. 987783065</b>				N. State Transporter's ID		
26. Transporter Company Name				O. Transporter's Phone		
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			
a.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 3.06e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	799	p	
b.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 2.61e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	681	p	
c.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 1.89e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	495	p	
d.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 1.87e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	487	p	
e.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 2.68e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	701	p	
f.	<b>WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 PU241 U234 TH234 TH232 U238 SR90 Y90, 1.92e-04 TBq, Fissile Excepted, LSA-II</b>	1	DN	503	p	
g.	<b>HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, LTL (CONTAINS LEAD)</b>	1	DN	636	p	
h.	<b>HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, LTL (CONTAINS 1,1,1-TRICHLOROETHANE, METHYL ETHYL KETONE)</b>	1	DN	82	p	
i.	<b>HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, LTL (CONTAINS LEAD), LIMITED QUANTITY-RADIOACTIVE MATERIAL</b>	5	CM	690	p	
S. Additional Descriptions for Materials Listed Above				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: 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						



**ORIGINAL-RETURN TO GENERATOR**

<b>UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)</b>		21. Generator's US EPA ID No. <b>NM0090010515</b>	Manifest Document No. <b>20182</b>	Page <b>3</b> of <b>3</b>	Information in the shaded areas is not required by Federal law.	
23. Generator's Name <b>U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545</b>				L. State Manifest Document Number		
24. Transporter Company Name <b>HITMAN TRANSPORTATION SERVICES, INC.</b>				M. State Generator's ID		
25. US EPA ID Number <b>T.N.D.987783065</b>				N. State Transporter's ID		
26. Transporter Company Name				O. Transporter's Phone <b>505-233-0033</b>		
27. US EPA ID Number				P. State Transporter's ID		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				Q. Transporter's Phone		
GENERATOR	HM	a. <input checked="" type="checkbox"/> <b>HAZARDOUS WASTE, SOLID, M.O.S., 9, NA3077, III, (CONTAINS LEAD)</b>	7	DM	2379	Pa
		b. <input checked="" type="checkbox"/> <b>HAZARDOUS WASTE, SOLID, M.O.S., 9, NA3077, III, (CONTAINS LEAD)</b>	1	DF	6	Pa
		c. <input checked="" type="checkbox"/> <b>HAZARDOUS WASTE, SOLID, M.O.S., 9, NA3077, III, (CONTAINS SILVER)</b>	2	DM	360	Pa
		d.				
		e.				
		f.				
		g.				
		h.				
		i.				
	S. Additional Descriptions for Materials Listed Above 28a. <b>CFR 261.11</b> 28c. <b>91004193</b>				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information <b>EMERGENCY PHONE NO. (505) 667-6211</b> 28a. <b>ERG NO. 171</b> 28b. <b>ERG NO. 171</b> 28c. <b>ERG NO. 171</b>						
TRANSPORTER	33. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature		Month Day Year
FACILITY	34. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature		Month Day Year
35. Discrepancy Indication Space						

