

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: October 2000

Refer to: E/WM:00023



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), 3.1.6(B), 3.1.11(B), 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 the completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.4(B), 3.1.6(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." Activity 3.4(F) 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 treatment 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, 3.1.6, 3.1.11, and 3.4 of the CPV was initiated on September 14, 2000 and completed on September 19, 2000. Wastes were sent for treatment to Diversified Scientific Services, Inc. (DSSI) located in Kingston, Tennessee. Five items in this shipment were formerly thought to be missing and were transferred to the "Missing/Nonexistent/TBV category of the STP. Three items were newly found during quality assurance activities when preparing the drums for shipment. Twenty items are pending approval for addition to the STP in Revision 10. The total volume of STP waste shipped to DSSI is 0.65 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.



2022

Red LANL FFCO/2000

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W919	<i>Organic Combustible Solids</i>	0.003
3.1.6	LA-W913	<i>Aqueous Waste with Heavy Metals</i>	0.009
3.1.6	LA-W914	<i>Corrosive Solutions</i>	0.005
3.1.11	Proposed LA-W907	<i>Proposed Halogenated Organic Liquids</i>	0.00
3.1.11	LA-W907	<i>Halogenated Organic Liquids</i>	0.02
3.1.11	Proposed LA-W908	<i>Proposed Nonhalogenated Organic Liquids</i>	0.07
3.1.11	LA-W908	Nonhalogenated Organic Liquids	0.43
3.4	N/A	<i>Missing/Nonexistent/TBV</i>	0.005
		<i>Newly discovered</i>	0.11
TOTAL STP VOLUME SHIPPED			0.65

Documentation that waste was received at DSSI 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 3.1.4(B), 3.1.6(B), 3.1.11(B) AND 3.4(F)
SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL)**


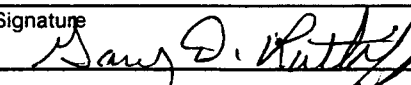
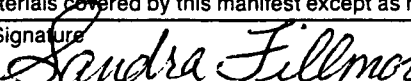
I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.

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

10/17/00
Date Signed

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

Date Signed

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. NM0890010515		Manifest Document N 20800	2. Page 1 of 5	Information in the shaded areas is not required by Federal law.				
		3. Generator's Name and Mailing Address U of CA LAB for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545		A. State Manifest Document Number		B. State Generator's ID				
4. Generator's Phone (505) 665-6158		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 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 865-423-376-0084				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.			
				No.	Type					
				a.	WASTE ACETONE, 3, UN1090, II	1	DM	8	p	0002 D001
				b.	WASTE CYCLOHEXANE, 3, UN1145, II	1	DF	6	p	D001, 4056
				c.	WASTE FLAMMABLE LIQUID N.O.S., 3, UN1993, II, (CONTAINS METHYL ETHYL KETONE)	2	DM	252	p	P005 D001
d.	WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE, PYRIDINE)	1	DM	25	p	P003 P005 D001 D022				
J. Additional Descriptions for Materials Listed Above 11a. 89619000 11b. C00129127 11c. C97078380 C97079963 11d. 91006223				K. Handling Codes for Wastes Listed Above 501 502 T01 T04						
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 127 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 128 <div style="text-align: right;">HMTF#: 00091401</div>										
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 09/14/00				
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name GARY D. RATHIFF				Signature 		Month Day Year 10/9/19/00				
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 Sandra Fillmore				Signature 		Month Day Year 10/9/19/00				



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM 00010515	Manifest Document No. 20800	22. Page 2 5	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's Company Name HITMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID	
				O. Transporter's Phone 800-233-9933	
26. Transporter's 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)		29. Containers		30. Total Quantity	31. Unit Wt/Vol
		No.	Type		
a.	x WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE, TOLUENE)	2	DM	90	p
b.	x WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (METHYL ETHYL KETONE, TOLUENE)	1	DM	94	p
c.	x WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, III, (ACETONE, TOLUENE)	1	DM	11	p
d.	x WASTE FLAMMABLE LIQUID, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS ACETONE, CARBON TETRACHLORIDE)	1	DM	30	p
e.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I, (ETHYL ETHER, GASOLINE)	1	DM	15	p
f.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (ACETONE, METHANOL)	1	OT	45	p
g.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS BENZENE, HEXANE)	1	DF	21	p
h.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS METHANOL, BROMOBENZENE)	1	DM	44	p
i.	x WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS NITROBENZENE, ACETONE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DM	17	p
S. Additional Descriptions for Materials Listed Above		28f. C91023680		T. Handling Codes for Wastes Listed Above	
28a. C91023680		28g. C97096718		501 502	
28b. C91022654		28h. 89657700		T01 T04	
28c. C97080888		28i. C96075514			
28d. C91021765					
32. Special Handling Instructions and Additional Information					
EMERGENCY PHONE NO: (505) 667-6211					
28a. ERGNO: 128 28b. ERGNO: 128 28c. ERGNO: 128 28d. ERGNO: 131 28e. ERGNO: 128 28f. ERGNO: 128					
28g. ERGNO: 128 28h. ERGNO: 128 28i. ERGNO: 128					
33. Transporter's Acknowledgement of Receipt of Materials					Date
Printed/Typed Name				Signature	Month Day Year
34. Transporter's Acknowledgement of Receipt of Materials					Date
Printed/Typed Name				Signature	Month Day Year
35. Discrepancy Indication Space					



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM 90010515	Manifest Document No. 20800	22. Page 5	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's Company Name HITMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID	
26. Transporter's Company Name		27. US EPA ID Number		O. Transporter's Phone 800-233-9933	
				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
			No.	Type	
a.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS NITROBENZENE, ACETONE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	70 p
b.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS NITROBENZENE, ACETONE)	1	DM	14 p
c.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS TETRAHYDROFURAN, CYCLOHEXANONE)	1	DF	1 p
d.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CYCLOPENTYLAMINE)	1	DF	1 p
e.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (PETROLEUM DISTILLATES)	1	DM	3 p
f.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (TOLUENE, BENZENE)	1	DM	196 p
g.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (XYLENE, PETROLEUM)	1	DM	8 p
h.	x	WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS ACETONE, NITROBENZENE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	12 p
i.	x	WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS ETHANOL, NITROBENZENE)	1	DF	12 p
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
28a. C97080915 28b. C97080915 28c. C00127656 28d. C97097834 28e. 904528			28f. C98108675 28g. C92026308 28h. C00128083 28i. C00128075		
32. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211					
28a. ERGNO: 128 28b. ERGNO: 128 28c. ERGNO: 128 28d. ERGNO: 128 28e. ERGNO: 128 28f. ERGNO: 128					
28g. ERGNO: 128 28h. ERGNO: 131 28i. ERGNO: 131					
33. Transporter's Acknowledgement of Receipt of Materials			Date		
Printed/Typed Name		Signature		Month Day Year	
34. Transporter's Acknowledgement of Receipt of Materials			Date		
Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space					



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM 90010515	Manifest Document No. 20800	22. Page 4 5	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 Company Name HITMAN TRANSPORTATION SERVICES, INC.			25. US EPA ID Number TND987783065			
26. Transporter Company Name			N. State Transporter's ID			
			O. Transporter's Phone 800-233-9933			
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	H. Waste No.	
		No.	Type			
a.	x WASTE FLAMMABLE LIQUIDS, TOXIC, H.O.S., 3, UN1992, II, (CONTAINS LEAD, NITROBENZENE)	3	DF	36	p	P003 P004 P005 D001
b.	x WASTE FLAMMABLE LIQUIDS, TOXIC, H.O.S., 3, UN1992, III, (CONTAINS 2,6-LUTIDINE, DICYCLOPENTADIENE)	1	DF	1	p	D001
c.	x WASTE FLAMMABLE LIQUIDS, TOXIC, H.O.S., 3, UN1992, II, (CONTAINS ACETONE, METHYLENE CHLORIDE)	1	DF	5	p	P002 P003 P005 D001
d.	x WASTE METHANOL, 3, UN1230, II	1	DF	6	p	D001, 4154
e.	x WASTE TETRAHYDROFURAN, 3, UN2056, II	4	DF	44	p	D001, 4213
f.	x WASTE TOXIC LIQUID, ORGANIC, H.O.S., 6.1, UN2810, II, (PHENOL, CHLOROFORM)	1	DM	10	p	D044 D188 D00 D022
g.	x WASTE TOXIC LIQUIDS, CORROSIVE, ORGANIC, H.O.S., 6.1, UN2927, II, (CONTAINS NITROBENZENE, SULFURIC ACID)	1	DF	1	p	P004 D002
h.	x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	2	DM	221	p	D006, D008, D018 D027, D028, D030 D032, D033, D034
i.	x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, H.O.S., 7, UN2912, Liquid, ELEMENTAL, 228 TC99 TH232, 3.41e-03 TBq, LSA-II RW U238	1	DM	51	p	P002 P003 P005 D001 D004 D007 D010 D011 D018 D019 D022
S. Additional Description of Materials Listed Above		28f. 905011		T. Handling Codes for Wastes Listed Above		
28b. C97097643		28g. C97081025		D026, D037, D038, D042, D043 501 502 T01 T04		
28c. C00126534		28h. C99119956 C99121955				
28d. C00128073		28i. C97096449				
28e. C00129104 C00129105 C00129106 C00129107		"Exclusive use Shipment"				
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211						
28a. ERGN0: 131 28b. ERGN0: 131 28c. ERGN0: 131 28d. ERGN0: 131 28e. ERGN0: 127 28f. ERGN0: 153						
28g. ERGN0: 154 28h. ERGN0: 161 28i. ERGN0: 162						
33. Transporter Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name				Signature	Month Day Year	
34. Transporter Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name				Signature	Month Day Year	
35. Discrepancy Indication Space						



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM 90010515	Manifest Document No. 20800	22. Page 5	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			L. State Manifest Document Number		
			M. State Generator's ID		
24. Transporter's Company Name NITTRAN TRANSPORTATION SERVICES, INC.			25. US EPA ID Number TND987783065		N. State Transporter's ID 800-233-9933
26. Transporter's Company Name			27. US EPA ID Number		O. Transporter's Phone
					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
			No.	Type	R. Waste No.
a.	RQ	HAZARDOUS WASTE, LIQUID, N.O.S., 9, UN2030, II, POISON	1	DM	2
b.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (ARSENIC)	1	DM	1
c.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS 1,4-DICHLOROBENZENE, TRICHLOROETHYLENE)	1	DM	28
d.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS CADMIUM, LEAD)	7	DM	635
e.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS LEAD)	3	DM	810
f.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS LEAD, NITROBENZENE)	1	DM	53
g.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS MERCURY)	1	DM	8
h.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS MERCURY)	1	DM	1
i.					
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
28a. C92027630 28b. C95046316 28c. C99119954 28d. D036, D037, D038, D042, D043 28e. C90129136, C90129137, C90129138			28f. C99119958 28g. C95046317 28h. C97081332		
32. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 28a. ERGNO: 153 28b. ERGNO: 171 28c. ERGNO: 171 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171 28g. ERGNO: 171 28h. ERGNO: 171					
33. Transporter Acknowledgement of Receipt of Materials					Date
Printed/Typed Name				Signature	Month Day Year
34. Transporter Acknowledgement of Receipt of Materials					Date
Printed/Typed Name				Signature	Month Day Year
35. Discrepancy Indication Space					

