LANL FFCO

Los Alamos
NATIONAL LABORATORY

Solid Waste Regulatory Compliance
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-0666/Fax (505) 667-5224

Date: August 4, 2004
Refer To: RRES- SWRC:04-054

HAND CARRIED
CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
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 3.1.10 (B) IN THE COMPLIANCE WASTE SHIPMENT (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 the completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.10 (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."*

A shipment that included STP-covered waste listed in Sections 3.1.10 (B) of the CPV was initiated on June 24, 2004, and completed on June 30, 2004. The waste was sent to Material & Energy Corporation (MEC), 2010 Highway 58, Suite 1020, Oak Ridge Tennessee 37830. 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)
3.1.10	LA-W920	*Elemental mercury*	04178	0.115
Total STP Volume Shipped				**0.115**

Documentation that waste was received at the aforementioned facility 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 at (505) 667-4715 or at dyea@lanl.gov if you have any questions.

2220

Sincerely,

Albert Dye
STP Project Manager

BR:AD:vc

Enc. 1) Enclosure A, Activity 3.1.10 (B)
2) Enclosure B, Certification

Cy: Ms. Sandra Martin, w/enc.
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: (w/o encl)
James E. Orban
U.S. Department of Energy
Environmental Programs Department
NS – Building SC-4
Albuquerque, New Mexico 87107

B. Ramsey, LANL, RRES-DO, MS J591
J. Nunz, DOE, LASO, MS A316
E. Louderbough, LANL, LC-GL, MS A187
D. Christensen, LANL, FWO-SWO, MS J595
A. Millensted, LANL, FWO-SWO, MS J595
C. Duy, LANL, FWO-SWO, MS J595
T. Grieggs, LANL, RRES-SWRC, MS K490
K. Oshel, LANL, FWO-SWO, MS J595
IM-5, LANL, MS A150,
RRES-SWRC File, LANL, MS K490

ENCLOSURE A

DOCUMENTATION THAT WASTE WAS RECEIVED AT OFF-SITE FACILITY
ACTIVITY 3.1.10 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)

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. NMD890010515 — Manifest Document No. 04178

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

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

6. US EPA ID Number
CAT000423247
~~TND987483625~~

C. State Transporter's ID

D. Transporter's Phone 800-~~235-9933~~ 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

	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a.	x ~~WASTE FLAMMABLE LIQUIDS, N.O.S.~~ (PETROLEUM DISTILLATE,MERCURY), 3, ~~UN1993~~ UN1268, II K.O. 6/24/03	1	DF	~~5~~ 78	p	D001 D009
b.	x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE -LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DF	1	p	D009
c.	x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, METAL, PU239 TC99 U235, 1.34e-06 TBq, Fissile Excepted, LSA-II	1	DM	40	p	D009
d.	x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, CS137 PU238, 2.52e-07 TBq, Fissile Excepted, LSA-II	1	DM	1	p	D003 D009

J. Additional Descriptions for Materials Listed Above
11a. 905763
11b. C96065568
11c. C96067562
11d. C96070746
'Exclusive use Shipment'
P4-05-109

K. Handling Codes for Wastes Listed Above
T21

15. Special Handling Instructions and Additional Information
'EMERGENCY PHONE NO: (505) 667-6211'
11a. ERGNO: 11b. ERGNO: 161 11c. ERGNO: 162 11d. ERGNO: 162
HMTF#: 04061401

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.

GENERATOR

Printed/Typed Name: Paul N Newman — Signature: [signature] — Month Day Year: 06 17 04

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Rinnie Stanley — Signature: [signature] — Month Day Year: 06 24 04

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

FACILITY

19. Discrepancy Indication Space
905763 - Excessive wt. 5 lbs
MAEC Wt. 78 lbs (Gross) Charged per Gross Wt.

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: Kimberly Hurd — Month Day Year: 06 30 04

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

EPA Form 8700-22 (Rev. 9-86) Previous editions are obsolete.

ORIGINAL-RETURN TO GENERATOR

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

Please print or type. (Form designed for use on [illegible] (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. 04178	22. Page 2	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

	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.	RQ	HAZARDOUS WASTE LIQUID N.O.S., ~~8~~ 9, NA3082, III, (MERCURY, ACETONE) 2 [illegible] 6/17/04	1	DM	7	p	F003 F005 D009
b.	RQ	WASTE MERCURY, 8, UN2809, III	3	DM	~~115~~ 406	p	D009
c.	x	WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLES, 8, UN2809, III, RQ(D009)	1	DM	~~5~~ 56	p	D009
d.	RQ	HAZARDOUS WASTE SOLID N.O.S., 9, NA3077, III	1	DM	~~100~~ 342	p	D009
e.	x	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (MERCURY,PYRIDINE), RQ(D009)	1	DF	~~32~~ 68	p	F002 F005 D009
f.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)	3	DM	~~17~~ 143	p	D003 D007 D008 D009
g.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, RQ(D009)	1	DM	141	p	D009
h.	x	HAZARDOUS WASTE, SOLID, N.O.S. (MERCURY), 9, NA3077, III, (MERCURY)	1	DM	~~1~~ 48	p	D009
i.							

S. Additional Descriptions for Materials Listed Above

28a. C92031982
28b. 903535 C91021672 C96065591
28c. C95046690
28d. C91025434
28e. C95057223
28f. C92026304 C93038701 C94044046
28g. C96065330
28h. C94042327

P4-05-109

T. Handling Codes for Wastes Listed Above

T21

32. Special Handling Instructions and Additional Information

"EMERGENCY PHONE NO: (505) 667-6211"
28a. ERGNO: 171 28b. ERGNO: 172 28c. ERGNO: 172 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171
28g. 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

Wt. variations between incoming wt + M+CC wt. Manifest lined out + changed per Kim Lickel (changed wts. all bwts)

GENERATOR

TRANSPORTER

FACILITY

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

ENCLOSURE B
CERTIFICATION

NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.10 (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.

Albert Dye
STP Project Manager
Solid Waste Regulatory Compliance
Los Alamos National Laboratory
Operator

8/5/04
Date Signed

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

Date Signed