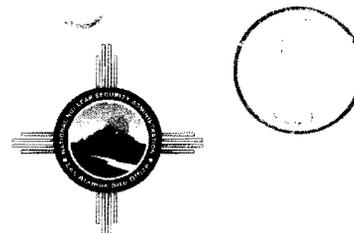


FFCO
FEB 28 2008



Environmental Protection Division

P.O. Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 667-0666/FAX: (505) 667-5224

National Nuclear Security Administration

Los Alamos Site Office, MS A316
528 35th Street
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: February 21, 2008
Refer To: ENV-RCRA-08-036

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: REQUEST FOR INFORMATION ON SITE TREATMENT PLAN FISCAL YEAR (FY) 2003-2007 UPDATES AND REVISIONS 13.0-17.0

Dear Mr. Bearzi:

In a letter dated November 16, 2007 addressed to Donald L. Winchell, Jr. of the Department of Energy's Los Alamos Site Office (DOE-LASO) and to Richard S. Watkins of the Los Alamos National Security, LLC (LANS), you required the submittal of information on the Los Alamos National Laboratory's (LANL) Site Treatment Plan (STP) for Fiscal Years 2003-2007. Your letter specified the following information be submitted by December 20, 2007:

- Notices of Completion of Off-Site Waste Shipment Activities in the STP Compliance Plan Volume (CPV);
- Requests for Expedited Treatment;
- Notices of Completion of Milestone Activities in the CPV;
- Proposed Administrative Adjustments;
- Notices of Return of Waste;
- Requests for Removal from Inventory; and
- Informal correspondence between the Respondents' and New Mexico Environment Department's Project Managers.

NMED, by letter dated December 20, 2007, extended the deadline for submittal to March 1, 2008. Enclosed are copies of all available information responsive to the request, grouped by Fiscal Year. For the last item, copies of e-mail correspondence between the current LANS STP Project Manager, Albert Dye, and NMED STP Project Managers are included. No e-mail correspondence from past LANS/University of California STP Managers and NMED was retained.



Please contact Mr. Albert Dye at (505) 667-4715 or by email at dyea@lanl.gov if you have any questions.

Sincerely,



Anthony R. Grieggs
Water Quality & RCRA Group
Environmental Protection Division
Los Alamos National Laboratory

Sincerely,



Gene Turner
Environmental Permitting
Los Alamos Site Office

ARG:GT:AD/lm

Enclosures: a/s

Cy: Rebecca Kay, NMED/HWB, Santa Fe, NM, w/o enc.
Gene Turner, LASO/EO, w/o enc., A316
John D. Stewart, LASO/EO, w/o enc., A316
Michael B. Mallory, PADOPS, w/o enc., A102
Richard S. Watkins, ADESHQ, w/o enc., K491
Tori, George, ENV-DO, w/o enc., J978
Ken Hargis, ADEP, w/o enc., M991
Gerald O' Leary, WDP-DO, w/o enc., J591
Paul Newberry, WDP-HMWO, w/o enc., J595
Ellen Louderbough, LC-LESH, w/o enc., A187
ENV-RCRA, File, w/enc., K490
IRM-RMMSO, w/enc., A150

**ENCLOSURE
CERTIFICATION**

**REQUEST FOR INFORMATION ON SITE TREATMENT PLAN FISCAL
YEAR (FY) 2003-2007 UPDATES AND REVISIONS 13.0-17.0**

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

Albert Dye
STP Project Manager
Water Quality & RCRA
Los Alamos National Laboratory
Operator

2/11/06

Date Signed

FY02 Revision 13 Documents



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: October 30, 2001
Refer to: E/WMOSR:01-033

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Michael Chacon
STP Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: STATUS OF MILESTONE ACTIVITIES 3.1.10 (A), 3.2 (E), and 3.2 (J), FEDERAL FACILITY COMPLIANCE ORDER (FFCO), SITE TREATMENT PLAN (STP), COMPLIANCE PLAN VOLUME (CPV), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Mr. Chacon,

The purpose of this letter is to provide to the New Mexico Environment Department (NMED) the status of Milestone Activities 3.1.10 (A), 3.2 (E) and 3.2 (J) for mercury waste in the LANL FFCO, STP, CPV and to notify our intention to request, in the next STP Annual Revision, the addition into the STP of 3 mercury debris waste items that were returned from a treatability study.

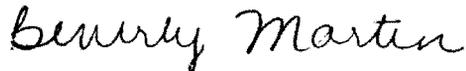
Milestone Activity 3.1.10 (A) requires the Department of Energy (DOE) and the University of California (UC) to, "[c]omplete shipping of existing wastes to an off-site treatment facility or complete parallel option," for waste in Treatability Group, "Elemental Mercury," MWIR Waste ID LA-W920 by the Compliance Date of 11/15/01. ✓
Milestone Activity 3.2 (E) requires the DOE and the UC to, "[c]omplete shipping of existing wastes to an off-site treatment facility or submit documentation assigning waste items to applicable treatability groups or complete parallel option," for waste in Treatability Group, "Mercury Wastes - TBD," MWIR Waste ID LA-W925 by the Compliance Date of 12/20/01. ✓
Milestone Activity 3.2 (J) requires the DOE and the UC to, "[c]omplete shipping of existing wastes to an off-site treatment facility or submit documentation assigning waste items to applicable treatability groups or complete parallel option," for waste in Treatability Group, "Mercury Wastes - TBD," MWIR Waste ID LA-W925-4, LA-W925-5, and LA-W925-6 by the Compliance Date of 12/20/03. ✓

NMED previously approved a one-year extension for two of these milestones in STP Revision 11.0. The extensions were requested to allow time for commercial facilities to develop the capabilities for treating this type of mixed low level waste. Unfortunately, no commercial facilities are available as of this date. For this reason, DOE and UC are requesting that two of the Milestone Activity Dates, 11/15/01 and 12/20/01, be extended to be consistent with the 12/20/03 Milestone Activity Date for mercury waste. This request will be formally proposed in the next Annual Revision (12) to the STP due to NMED in March 2002. Upon NMED approval, the Milestone Activity Dates for all mercury waste in LA-W920 and LA-W925 will be "12/20/03".

DOE and UC plan also to propose, in the next Annual Revision, the addition of 3 items of mercury debris that were returned from a treatability study. The total volume of this waste is 0.05 cubic meters. This waste will be proposed for addition to Treatability Group, "*Mercury Wastes - TBD*," MWIR Waste ID LA-W925.

Enclosed is a Certification Statement prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO. We are available to discuss this information with you at any time. Please contact me at (505) (505) 665-0714 if you have any questions.

Sincerely,



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

Cy:

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF STATUS
MILESTONE ACTIVITIES 3.1.10 (A), 3.2 (E), and 3.2 (J)
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
Los Alamos National Laboratory
Operator

October 31, 2001
Date Signed

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

Date Signed



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: January 22, 2002
Refer to: E/WMOSR:02-01

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION, FEDERAL FACILITY
COMPLIANCE ORDER (FFCO), SITE TREATMENT PLAN (STP),
COMPLIANCE PLAN VOLUME (CPV), LOS ALAMOS
NATIONAL LABORATORY (LANL), MILESTONE ACTIVITY 3.2
(I).**

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of Milestone Activity 3.2 (I) in the LANL FFCO, STP, CPV.

Milestone Activity 3.2 (I) requires the Department of Energy (DOE) and the University of California (UC) to, "[C]omplete determination of treatment options," for waste in Treatability Groups, "Mercury Wastes-TBD," MWIR Waste ID LA-W925; "Explosives," MWIR Waste ID LA-W932; "Labpacks," MWIR Waste ID LA-W933; and "High Activity Waste," MWIR Waste ID LA-W934 by the Compliance Date of "12/20/01". DOE and UC completed this milestone on schedule.

MWIR Waste ID LA-W925, "Mercury Wastes-TBD"

Waste in this STP Treatability Group that can be verified to be less than 260 ppm mercury can be shredded and stabilized at a number of commercial treatment facilities such as PermaFix in Gainesville Florida and Waste Control Specialists in Andrews, Texas. The most likely treatment option for waste with greater than 260 ppm mercury will be an amalgamation process. At this time, no commercial facilities are offering this treatment.

MWIR Waste ID LA-W932, "Explosives"

Most of this waste has already been sent to a LANL facility for re-use/recycle. One remaining item is an empty aerosol can that will be proposed for transfer to a more appropriate STP Treatability Group.

MWIR Waste ID LA-W933, "Labpacks"

Many treatment options will need to be employed for this waste stream because the STP Treatability Group includes a wide variety of waste items. Treatment options include chemical separation, thermal treatment of organics, stabilization and solidification of inorganics, and distillation of halogenated organics. Other required treatments may include demulsification/precipitation/flocculation, solvent extraction, chelation, oxidation-reduction, ion exchange, or absorption/adsorption. Commercial facilities such as Perma-Fix in Gainesville, Florida, and Waste Control Specialists, near Andrews, Texas will be utilized to treat this waste.

MWIR Waste ID LA-W934, "High Activity Waste"

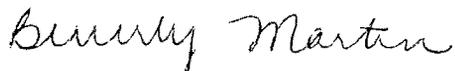
Treatment options have been explored for the lead stringers. Treatment options that may be available for the lead stringers are in-situ treatments such as vitrification, site entombment, and grouting to fill the shafts. Three grouting options have been evaluated, including commercial concrete, Ceramicrete, and Waxfix.

Not all of the items in this STP Treatability Group have treatment options at this time. UC and DOE are currently working together to develop treatment options for waste in this treatability group that currently have no disposal path through the DOE Office of Science and Technology. The covered STP waste with no current disposal path includes items with high Tritium content and radioactive lead casks.

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

Enclosed is a Certification Statement prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

Sincerely,



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

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

ENCLOSURE A
CERTIFICATION

NOTICE OF COMPLETION
MILESTONE ACTIVITY 3.2 (I)
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
Los Alamos National Laboratory
Operator

1/23/02
Date Signed

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

Date Signed

Bcc (w/encl.):

H. Haynes, Counsel, LAAO, MS A316

J. Orban, WMD, AL

J. Nunz, DOE, LAAO, MS A316

K. Hargis, E-WMOSR, MS J591

B. Martin, E-WMOSR, MS J552

E. Louderbough, LC-GL, MS A187

S. Moreno, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

D. Daymon, FWO-SWO, MS J595

W. White, FWO-SWO, MS J595

A. Jackson, ESH-19, MS K490

E-WMOSR files



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: January 30, 2002
Refer to: E/WMOSR:02-03

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: STATUS OF MILESTONE ACTIVITIES 3.1.11 (A), FEDERAL FACILITY COMPLIANCE ORDER (FFCO), SITE TREATMENT PLAN (STP), COMPLIANCE PLAN VOLUME (CPV), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Mr. Will,

The purpose of this letter to inform the New Mexico Environment Department (NMED) of the status of Milestone Activities 3.1.11 (A), for PCB waste in the LANL FFCO, STP, CPV and to notify you of our intent to request, in the next STP Annual Revision, an extension of this Milestone to 2/1/04.

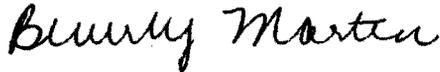
Milestone Activity 3.1.11 (A) requires the Department of Energy (DOE) and the University of California (UC) to, "*[c]omplete shipping of existing wastes to an off-site treatment facility or complete parallel option,*" for waste in Treatability Group, "*PCB wastes with RCRA components,*" MWIR Waste ID LA-W910 by the Compliance Date of "*2/1/02*".

Unfortunately, no commercial facilities are currently available to treat wastes that contain constituents regulated by both TSCA (PCBs) and RCRA, and are radioactive. Three off-site facilities were contacted regarding treatment capabilities applicable to this waste stream. While plans are pending to develop the capability to treat this type of waste, it is not yet available. For this reason, DOE and UC are requesting that the Milestone Activity Date, 2/1/02, be extended to 2/1/04 for PCB waste. This request will be formally proposed in the next Annual Revision (12) to the STP due to NMED in March 2002.

Upon NMED approval, the Milestone Activity Date for PCB waste in LA-W910 will be "2/1/04". The amount of STP waste currently in this Treatability Group is 3.19 cubic meters.

Enclosed is a Certification Statement prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO. We are available to discuss this information with you at any time. Please contact me at (505) (505) 665-0714 if you have any questions.

Sincerely,



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

Cy:

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF STATUS
MILESTONE ACTIVITY 3.1.11 (A)
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
Los Alamos National Laboratory
Operator

1/30/02
Date Signed

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

Date Signed

Bcc (w/encl.):

H. Haynes, Counsel, LAAO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LAAO, MS A316
K. Hargis, E-WMOSR, MS J591
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
D. Daymon, FWO-SWO, MS J595
A. White, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR files



Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: February 20, 2002
Refer to: E/WMOSR:02-04

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
STP Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION, FEDERAL FACILITY
COMPLIANCE ORDER (FFCO), SITE TREATMENT PLAN (STP),
COMPLIANCE PLAN VOLUME (CPV), LOS ALAMOS
NATIONAL LABORATORY (LANL), MILESTONE ACTIVITY
3.1.11(A)**

Dear Mr. Will

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of Milestone Activity 3.1.11(A) in the LANL FFCO, STP, CPV.

Milestone Activity 3.1.11(A) requires the Department of Energy (DOE) and the University of California (UC) to, "[c]omplete shipping of existing wastes to an off-site treatment facility or complete parallel option," for waste in Treatability Groups, "Halogenated Organic Liquids," MWIR Waste ID LA-W907; "Nonhalogenated Organic Liquids," MWIR Waste ID LA-W908; "Bulk Oils," MWIR Waste ID LA-W909; "PCB Wastes with RCRA Components," MWIR Waste ID LA-W910; and "Liquid and Solid Oxidizers," MWIR Waste ID LA-W923. DOE and UC have completed this milestone for Treatability Groups LA-W907, LA-W908, and LA-W923 by the required compliance date of February 01, 2001.

The net volume of STP wastes in Treatability Group, "Halogenated Organic Liquids," MWIR Waste ID LA-W907, from the LANL CPV reported in Revision 11.0 was 0.73 cubic meters (m³) of which, 0.07 m³ was shipped for treatment by thermal separation/stabilization at PermaFix in Gainesville, Florida on January 31, 2002. An additional volume of 0.0005 m³ was shipped for treatment by incineration to Diversified

Scientific Services, Inc. (DSSI) in Kingston, Tennessee on January 31, 2002. A shipment notification will be sent to NMED upon receipt of the signed shipping manifest. A portion (0.55 m³) of this waste was reclassified to a more appropriate Treatability Group. An administrative adjustment of negative 0.11 m³ is required because the total volume of waste reported in this Treatability Group is greater than the actual volume in storage.

The net volume of STP wastes in Treatability Group, "*Nonhalogenated Organic Liquids*," MWIR Waste ID LA-W908, from the LANL CPV reported in Revision 11.0 was 5.62 m³ of which, 0.0065 m³ was shipped for treatment by incineration at DSSI in Kingston, Tennessee on January 31, 2002. An additional volume of 0.93 m³ was shipped to PermaFix in Gainesville, Florida on January 31, 2002 for treatment by thermal separation/stabilization. A shipment notification will be sent to NMED upon receipt of the signed shipping manifest. A portion (1.02 m³) of this waste was reclassified to a more appropriate Treatability Group. An administrative adjustment of negative 3.66 m³ is required because the total volume of waste reported in this Treatability Group is greater than the actual volume in storage.

The net volume of STP wastes in Treatability Group, "*Bulk oils*," MWIR Waste ID LA-W909 from the LANL CPV reported in Revision 11.0 was 2.79 m³ of which, 0.23 m³ was shipped for treatment by thermal separation/stabilization at PermaFix in Gainesville, Florida on January 31, 2002. An additional volume of 1.49 m³ was shipped to GTS Duratek Bear Creek in Oak Ridge, Tennessee for recycle on January 30, 2002. A shipment notification will be sent to NMED upon receipt of the signed shipping manifest. A portion (0.78 m³) of this waste was reclassified to a more appropriate Treatability Group. An administrative adjustment of negative 0.29 m³ is required because the total volume of waste reported in this Treatability Group is greater than the actual volume in storage.

An extension was requested for waste in Treatability Group "*PCB waste with RCRA components*," MWIR Waste ID LA-W910 by letter on January 26, 2002 to extend the Milestone Activity Date, 2/1/02 to 2/01/04. The extension was requested in order to allow more time for development of commercial treatment options. This extension request will be formally proposed in the next Annual Revision (12) to the STP due to NMED in March 2002.

The net volume of STP wastes in Treatability Group, "*Liquid and Solid Oxidizers*," MWIR Waste ID LA-W923 from the LANL CPV reported in Revision 11.0 was 1.32 m³. The volume of waste shipped, receiving facility and shipping date for this Treatability Group is provided below in Table 1.

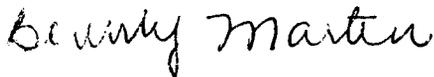
Table 1
Off-site Shipment Information for MWIR Waste ID LA-W923

Volume Shipped (m³)	Receiving Facility	Shipping Date	Treatment Technology
0.45	PermaFix in Gainesville, FL	1/31/02	Chemical de-oxidation/stabilization
0.0005	DSSI in Kingston, TN	1/31/02	Incineration
0.7952	WCS in Pasadena, TX	1/31/02	Solidification
Total 1.25			

A shipment notification will be sent to NMED upon receipt of the signed shipping manifest. A portion (0.13 m³) of this waste was reclassified to a more appropriate Treatability Group. An administrative adjustment of 0.05 m³ is required because the total volume of waste reported in this Treatability Group is less than the actual volume in storage.

Enclosed is a Certification Statement prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO. We are available to discuss this information with you at any time. Please contact me at (505) (505) 665-0714 if you have any questions.

Sincerely,



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

Cy:

Mr. James Bearzi, Bureau Chief
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/encl.):

B. Osheim, Counsel, LASO
J. Orban, WMD, AL
J. Nunz, DOE, LASO
K. Hargis, E-WMOSR, MS J591
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
D. Daymon, FWO-SWO, MS J595
A. White, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF COMPLETION
MILESTONE ACTIVITY 3.1.11 (A)
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
Los Alamos National Laboratory
Operator

7/20/02
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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 6, 2002
Refer to: E/WMOSR:02-05

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Bureau
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION, FEDERAL FACILITY
COMPLIANCE ORDER (FFCO), SITE TREATMENT PLAN (STP),
COMPLIANCE PLAN VOLUME (CPV), LOS ALAMOS NATIONAL
LABORATORY (LANL), MILESTONE ACTIVITY 3.1.4(A)**

Dear Mr. Will

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of Milestone Activity 3.1.4(A) in the LANL FFCO, STP, CPV.

Milestone Activity 3.1.4(A) requires the Department of Energy (DOE) and the University of California (UC) to, "[c]omplete shipping of existing wastes to an off-site treatment facility or complete parallel option," for waste in Treatability Groups, "*Organic-Contaminated Combustible Solids*," MWIR Waste ID LA-W911 and "*Organic-Contaminated Noncombustible Solids*," MWIR Waste ID LA-W919. DOE and UC have completed this milestone for Treatability Groups LA-W911 and LA-W919 by the required compliance date of February 14, 2002.

The net volume of STP wastes in Treatability Group, "*Organic-Contaminated Combustible Solids*," MWIR Waste ID LA-W911, from the LANL CPV reported in Revision 11.0 was 30.25 cubic meters (m³) of which, 16.48 m³ was shipped for treatment at PermaFix in Gainesville, Florida, on January 31 and February 13-14, 2002. Two additional shipments occurred for this Treatability Group; one consisting of 0.17 m³ for treatment to Material and Energy Corporation (M&EC) in Oak Ridge, Tennessee on February 14, 2002, the other consisting of 0.47 m³ for recycle to GTS Duratek Bear Creek in Oak Ridge, Tennessee on January 30, 2002. A shipment notification will be sent to NMED upon receipt of the signed shipping manifest.

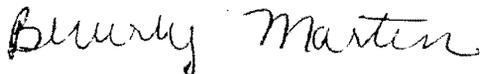
A portion (1.07 m³) of this waste was reclassified to more appropriate Treatability Groups such as "PCB Waste with RCRA Components," (LA-W910), "Lab Packs," (LA-W933), and "High Activity Waste," (LA-W934). An administrative adjustment of negative 7.49 m³ is required because the total volume of waste reported in this Treatability Group is greater than the actual volume in storage.

The net volume of STP wastes in Treatability Group, "Organic-Contaminated Noncombustible Solids," MWIR Waste ID LA-W919, from the LANL CPV reported in Revision 11.0 was 23.56 m³ of which, 7.72 m³ was shipped for treatment at PermaFix in Gainesville, Florida on January 31, and February 14, 2002. Two additional shipments occurred for this Treatability Group; one consisting of 0.0001 m³ for treatment to Diversified Scientific Services, Inc. in Kingston, Tennessee on January 30, 2002; the other consisting of 4.88 m³ shipped for treatment to M&EC in Oak Ridge, Tennessee on February 14, 2002. A shipment notification will be sent to NMED upon receipt of the signed shipping manifest.

A portion (0.61 m³) of this waste was reclassified to more appropriate Treatability Groups such as "PCB Waste with RCRA Components," (LA-W910); "Water-Reactive Waste" (LA-W916); and "Lab Packs" (LA-W933). An administrative adjustment of negative 0.24 m³ is required because the total volume of waste reported in this Treatability Group is greater than the actual volume in storage.

Enclosed is a Certification Statement prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO. We are available to discuss this information with you at any time. Please contact me at (505) (505) 665-0714 if you have any questions.

Sincerely,



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

Cy:

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF COMPLETION
MILESTONE ACTIVITY 3.1.4 (A)
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
Los Alamos National Laboratory
Operator

3/6/02
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

Bcc (w/encl.):

H. Hayes, Counsel, LASO, MS A316
B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
K. Hargis, E-WMOSR, MS J591
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
D. Daymon, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
A. White, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR files



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: November 19, 2001
Refer to: E/WMOSR:01-034

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Michael Chacon
STP Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Mr. Chacon,

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment waste items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2002. An expedited treatment opportunity is available for this waste if it can be included with a scheduled LANL shipment to Envirocare of Utah in December 2001. This timing will allow the added waste to be shipped prior to the Milestone Activity Date, "12/20/01," for STP waste in treatability group, "*Lead Wastes -TBD,*" MWIR Waste ID LA-W924.

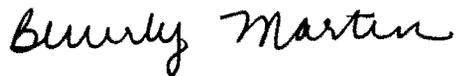
This waste consists of lead that could not be successfully decontaminated. The volume is 1.80 m³. The waste consists of large pieces of lead shielding and lead bricks.

As discussed in our phone conversation of October 29th, 2001, LANL will proceed with the expedited treatment of this lead waste. The items will also be proposed for addition to the STP during the next Annual Revision.

I am available to discuss this opportunity with you at any time. Please contact me at (505) 665-0714 if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

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.

Sincerely,

A handwritten signature in cursive script that reads "Beverly Martin".

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

Enclosure: 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/o encl.):

H. Haynes, DOE Counsel, LAAO, MS A316

J. Orban, DOE, WMD, AL

J. Nunz, DOE, LAAO, MS A316

K. Hargis, E-WMOSR, MS J591

B. Martin, E-WMOSR, MS J552

E. Louderbough, LC-GL, MS A187

S. Moreno, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

D. Daymon, FWO-SWO, MS J595

C. Duy, FWO-SWO, MS J595

A. White, FWO, SWO, MS J595

A. Jackson, ESH-19, MS K490

E-WMOSR Files

**ENCLOSURE B
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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

11/20/01

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: June 3, 2002
Refer to: RRES/SA-2002-200

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Mr. Will:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment an item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to Waste Control Specialists, Inc. (WCS) in Andrews County, Texas.

The material consists of some fluorescent bulbs received by LANL's Facility Waste Operations on July 18, 2000, which had no disposal path because they were described as high-mercury. In May of 2002, this waste was recharacterized and determined to be low mercury waste. LANL now has the opportunity to ship this waste. Since the recharacterization occurred after the FY01 Annual STP Update, this material was not listed as part of STP covered waste in Rev. 12.0. The total volume of the waste is 0.27 cubic meters.

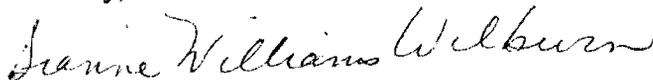
STP Section to be Added to Rev. 12.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W925	Mercury Wastes - TBD	0.27

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantages in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Dianne Wilburn of my staff is available to discuss this opportunity with you at any time. Please contact her at (505) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,



 Beverly Martin
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

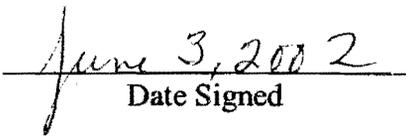
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: June 6, 2002
Refer to: RRES/SA-2002-203

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Mr. Will:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to Perma-Fix Environmental Services, Inc., sites in Oak Ridge Tennessee and Gainesville, Florida.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W933	Lab Packs	0.02
3.1.5	LA-W922	Non-combustible debris	0.42

As stated, the item will be proposed for addition to the STP during the next Annual Revision. NMED has previously approved opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

June 6, 2002

Additional waste, included in Rev 12.0, will also be in this shipment, for a total volume of 0.15 cubic meters.

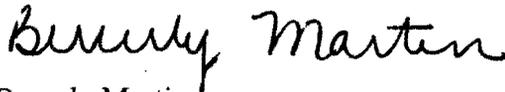
STP Section In Rev 12.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W933	<i>Lab Packs</i>	0.02
3.1.5	LA-W922	<i>Non-combustible debris</i>	0.13

Within 45 days following shipment of this waste off-site, LANL will "(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.

Included, as Enclosure A 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 Dianne Wilburn at (505) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,



Beverly Martin
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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

6/10/02
Date Signed

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

Date Signed



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 9, 2002
Refer to: RRES-SA-2002-233

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Mr. Will:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for a treatment item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to Perma-Fix Environmental Services, Inc., sites in Oak Ridge Tennessee and Gainesville, Florida.

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
13.0			
3.2	LA-W933	Lab Packs	0.0036

As stated, the item will be proposed for addition to the STP during the next Annual Revision. NMED has previously approved opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

June 6, 2002

Within 45 days following shipment of this waste off-site, LANL will "(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.

Included, as Enclosure A 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) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,



Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 17, 2002
Refer to: RRES-WD:02-21

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL)**

Dear Mr. Will

The purpose of this letter is to request permission from the New Mexico Environment Department (NMED) to ship future newly covered mixed low-level waste prior to formal addition to the next Annual Update to the STP due to NMED on March 31, 2003. An expedited treatment and disposal opportunity is available for the waste if it can be included with a scheduled LANL shipment to Envirocare of Utah, Inc., Clive, Utah.

STP Section to be Added to Rev. 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.5	LA-W922	Noncombustible Debris	0.42

NMED has previously approved opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this waste to the shipment.

Within 45 days following shipment of this waste off-site, LANL will "(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 Federal Facility Compliance Order (FFCO).

Included, as Enclosure A is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

July 17, 2002

Please contact me at (505) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,

Dianne Williams Wilburn for DW

Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures:a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-WD Files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.

Bunny Martin for DW
Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory
Operator

7/15/02
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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 17, 2002
Refer to: RRES-WD:02-22

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL)**

Dear Mr. Will

The purpose of this letter is to request permission from the New Mexico Environment Department (NMED) to ship future newly covered mixed low-level waste prior to formal addition to the next Annual Update to the STP due to NMED on March 31, 2003. An expedited treatment opportunity is available for the waste if it can be included with a scheduled LANL shipment to Material and Energy Corporation (M&EC) located in Oak Ridge, Tennessee.

STP Section to be Added to Rev. 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.5	LA-W922	Noncombustible Debris	0.11

NMED has previously approved opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this waste to the shipment.

Included, as Enclosure A is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

July 17, 2002

Please contact me at (505) 667-6952, dwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,

Dianne Williams Wilburn for DW

Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures:a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.

Dianne Williams Wilburn for DW

Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory
Operator

7/17/02
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



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 17, 2002
Refer to: RRES-WD:02-23

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will

The purpose of this letter is to request permission from the New Mexico Environment Department (NMED) to ship future newly covered mixed low-level waste prior to formal addition to the next Annual Update to the STP due to NMED on March 31, 2003. An expedited treatment opportunity is available for the waste if it can be included with a scheduled LANL shipment to Perma-Fix Environmental Services, Inc., sites in Gainesville, Florida and Oak Ridge, Tennessee.

STP Section to be Added to Rev. 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.11	LA-W909	<i>Bulk Oils</i>	0.57
3.1.5	LA-W922	<i>Noncombustible Debris</i>	0.21
Total STP Volume to be Shipped			0.78

NMED has previously approved opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this waste to the shipment.

Included, as Enclosure A is a Certification Statement. These documents were prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

July 17, 2002

Please contact me at (505) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,

Bunny Martin for DW

Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures:a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.

Bunny Martin for DW
Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory
Operator

7/17/02
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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: January 23, 2002
Refer to: E/WMOSR:02-02

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT,
MILESTONE ACTIVITY 3.2(F) IN THE COMPLIANCE PLAN
VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS
NATIONAL LABORATORY (LANL).**

Dear Mr. Will,

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 3.2 (F) 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 1.80 m³ of STP covered waste that was proposed for expedited shipment was initiated on December 11, 2001 and completed on December 13, 2001. The waste was shipped for treatment and disposal at Envirocare of Utah in Clive, Utah. As discussed in our previous letter of November 19, 2001, the waste will be proposed for addition to the LANL STP in the Treatability Group, "Lead Wastes, TBD," MWIR Waste ID LA-W924, in the next Annual Revision (12.0) to the LANL STP CPV, due to NMED on March 31, 2002.

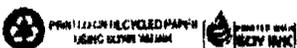
Documentation that waste was received at Envirocare of Utah is enclosed. Also included, as Enclosure B is a Certification Statement. These documents were prepared in

Bcc (w/o encl.):

H. Haynes, DOE Counsel, LAAO
J. Orban, DOE, WMD, AL
J. Nunz, DOE, LAAO
K. Hargis, E-WMOSR, MS J552
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
D. Daymon, FWO-SWO, MS J595
A. White, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR Files

V27354

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 11520		2. Page 1 of 2		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS JS95, Los Alamos, NM 87545						A. State Manifest Document Number				
4. Generator's Phone (505) 665-6158						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				
7. Transporter 2 Company Name						D. Transporter's Phone 800-233-9933				
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Tooele County, I-80, Exit 49, West of Salt Lake City Clive, UT 84029						8. US EPA ID Number UTD982598898			E. State Transporter's ID	
						F. Transporter's Phone		G. State Facility's ID		
						H. Facility's Phone 801-886-0155				
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.
a. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 CO60 C8137 PU238 PU239 U234 U235 U238, 4.07e-05 TBq, Fissile Excepted, Radioactive White I						No.	Type	154 4	P	0008
b. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, Solid, AM241, 3.10e-09 TBq, Fissile Excepted						1	DM	30	P	0008
c. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, CO60 PU238 PU239, 2.37e-05 TBq, Fissile Excepted, Radioactive White I						3	DM	2369	P	0008
d. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239, 3.47e-05 TBq, Fissile Excepted, Radioactive White I						1	DM	100	P	0009
J. Additional Descriptions for Materials Listed Above 11a. CO1160950 11b. CO1196012 Co. 136012 11c. CO0131351 CO0131370 CO0131371 11d. CO1134809						K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 163 11b. ERGNO: 161 11c. ERGNO: 163 11d. ERGNO: 163 <i>All Weight Changes Made Per Communication With Texas Amins 12-13-01</i>						9006-01-0003 -M04827 HMTEL: 01112501				
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 <i>[Signature]</i>		Month Day Year 11/21/01		
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name Carl Olivas						Signature <i>[Signature]</i>		Month Day Year 11/21/01		
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 J. King						Signature <i>[Signature]</i>		Month Day Year 11/21/01		





*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 7, 2002
Refer to: E/WMOSR:02-06

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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) 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.

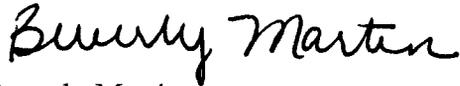
A shipment that included STP covered waste listed in Sections 3.1.4 and 3.1.11 of the CPV was initiated on January 31, 2002 and completed on February 05, 2002. Waste was sent to the Diversified Scientific Services, Inc. facility located in Kingston, Tennessee. The shipment included a total of 0.008 cubic meters of STP waste. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W919	Organic Contaminated Non-Combustible Solids	0.0001
3.1.11	LA-W907	Halogenated Organic Liquids	0.0005
3.1.11	LA-W908	Non-Halogenated Organic Liquids	0.0065
3.1.11	LA-W923	Liquid and Solid Oxidizers	0.0005
TOTAL STP VOLUME SHIPPED			0.0076

Documentation that waste was received at Waste Control Specialists 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, DOE, LAAO, MS A316
J. Orban, DOE, WMD, AL
J. Nunz, DOE, LAAO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Benson-Wheeler, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR File

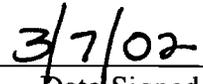
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4 (B) AND 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.



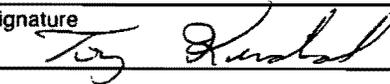
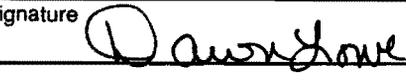
Beverly Martin
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



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		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02005	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 LAMC 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				C. State Transporter's ID				
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		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 865-376-0084				
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.	<input checked="" type="checkbox"/>	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS TOLUENE, NAPHTHA), LIMITED QUANTITY-RADIOACTIVE MATERIAL		1	DR	14	p	U220 D001 D011 D035 D039
b.	<input checked="" type="checkbox"/>	WASTE TRIMETHYL CHLORO SILANE, 3, UN1298, II DOT-E-9723		1	DR	1	p	D001 D002
c.	<input checked="" type="checkbox"/>	WASTE ORGANIC PEROXIDE TYPE B, LIQUID (STABILIZED METHYL ETHYL KETONE PEROXIDE), 5.2, UN3107, II		1	CF	1	p	U160
d.	<input checked="" type="checkbox"/>	WASTE CYANOGEN BROMIDE, MIXTURE, 6.1, UN1889, I DOT-E-9723		1	CF	1	p	U246 D001 D003
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above				
11a. 02-01-02 C98100420 11b. 02-01-05 91004699 11c. 02-01-02 C92027647 11d. 02-01-02 C02145743				S01, S02, T01, T04, T80				
15. Special Handling Instructions and Additional Information								
EMERGENCY PHONE NO: (505) 667-6211								
11a. ERGNO: 128 11b. ERGNO: 155 11c. ERGNO: 145 11d. ERGNO: 157								
HMTF#: 02012301								
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 01 13 10 2		
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name TONY KINDRED				Signature 		Month Day Year 01 13 10 2		
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 Dawn Lowe				Signature 		Month Day Year 02 05 10 2		



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02005	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 <u>1</u> 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 _____ 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	F. Waste No.	
			No.	Type				
a.	<input checked="" type="checkbox"/> <small>HM</small>	WASTE SODIUM FLUOROACETATE, 6.1, UN2629, I		1	CF	1	p	P058
b.	<input checked="" type="checkbox"/>	WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, UN2811, I, (DIISOPROPYLEFLUOROPHOSPHATE)		1	CF	1	p	P043 D003
c.								
d.								
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above 28a.02-01-02 C97097667 28b.02-01-02 C02145742				T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 151 28b. ERGNO: 154								
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								

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 7, 2002 ✓
Refer to: E/WMOSR:02-07

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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) 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.

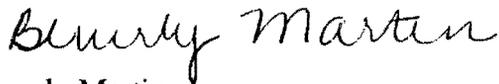
A shipment that included STP covered waste listed in Sections 3.1.4 and 3.1.11 of the CPV was initiated on January 31, 2002 and completed on February 04, 2002. Waste was sent to the Perma-Fix facility located in Gainesville, Florida. The shipment included a total of 2.98 cubic meters of STP waste. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	Organic Contaminated Combustible Solids	0.44
3.1.4	LA-W919	Organic Contaminated Non-Combustible Solids	1.30
3.1.11	LA-W907	Halogenated Organic Liquids	0.07
3.1.11	LA-W908	Non-Halogenated Organic Liquids	0.93
3.1.11	LA-W923	Bulk Oils	0.23
TOTAL STP VOLUME SHIPPED			2.98

Documentation that waste was received at Waste Control Specialists 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, DOE, LAAO, MS A316

J. Orban, DOE, WMD, AL

J. Nunz, DOE, LAAO, MS A316

B. Martin, E-WMOSR, MS J552

E. Louderbough, LC-GL, MS A187

S. Moreno, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

A. Millensted, FWO-SWO, MS J595

H. Benson-Wheeler, FWO-SWO, MS J595

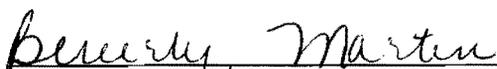
A. Jackson, ESH-19, MS K490

E-WMOSR File

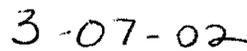
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4 (B) AND 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.



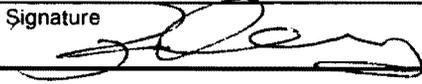
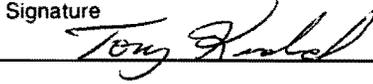
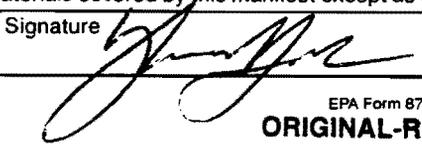
Beverly Martin
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



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		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02002		2. Page 1 of 6		Information in the shaded areas is not required by Federal law.			
		3. Generator's Name and Mailing Address U of CA LAMC 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	
7. Transporter 2 Company Name						8. US EPA ID Number		D. Transporter's Phone 800-233-9933		E. State Transporter's ID	
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653						10. US EPA ID Number FLD980711071		F. Transporter's Phone		G. State Facility's ID FLD980711071	
								H. Facility's Phone 352-373-6066			
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 DIETHYL ETHER, 3, UN1155, I						1	DM	11	p	U117	
b. WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3, UN2924, II, (METHYL ETHYL KETONE, SODIUM HYDROXIDE)						1	DM	7	p	F003 F005 D001 D002	
c. WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3, UN2924, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-9723						1	DM	150	p	D001 D004 D01 D022 D035	
d. WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE, TOLUENE, ETHYL ETHER)						1	DM	11	p	F003 F005 D001	
J. Additional Descriptions for Materials Listed Above 11a. RS2068 91004697 11b. RS2063 91005411 11c. RS2066 C94043523 11d. RS1641 91004914						K. Handling Codes for Wastes Listed Above S01, H141 H03D					
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 127 11b. ERGNO: 132 11c. ERGNO: 132 11d. ERGNO: 128 HMTF#: 02012402											
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 Garth W. Newberry						Signature 		Month Day Year 01/31/02			
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Tony Kindred		Signature 		Month Day Year 01/31/02	
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 Thomas A. Hornish		Signature 		Month Day Year 02/04/02	

GENERATOR

TRANSPORTER

FACILITY

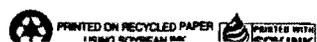


UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02002		22. Page 2 6		Information in the shaded areas is not required by Federal law.									
		23. Generator's Name U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						L. State Manifest Document Number		M. State Generator's ID							
24. Transporter <u>1</u> 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 _____ 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		F. Waste No.					
						No.		Type									
a.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ETHANOL, LEAD)				1		DM		20		p		D001 D008	
b.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE, ETHANOL)				1		DM		2		p		F003 D001	
c.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE, BENZENE)				1		DM		209		p		F003 F005 D001	
d.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II				1		DM		8		p		D001	
e.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ETHANOL, BARIUM), LIMITED QUANTITY-RADIOACTIVE MATERIAL				1		DF		25		p		D001 D008 D009 D010 D011	
f.		x		WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II				1		DM		140		p		D001	
g.		x		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (TOLUENE, METHYL ETHYL KETONE)				1		DM		75		p		F002 F003 F004 D001 D005 D007 D008 D009	
h.		x		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III				1		DM		25		p		F003 D001	
i.		x		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I				1		DF		1		p		D001	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above											
28a. RS2070 900249 28b. RS2071 908651 28c. RS2075 88177400 28d. RS2078 91004696 28e. RS2098 C97095447						28f. RS2099 899840 28g. RS2074 C95046778 28h. RS2089 C91023518 28i. RS2154 C01145273											
						SOL. H/H H/SD											
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: 128 28i. ERGNO: 128																	
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																	

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02002		22. Page 3 6		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		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone	
26. Transporter Company Name		27. US EPA ID Number		29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				No.		Type					
a. WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II, (ACETONE, METHANOL)				1		DM		12		p P003 D022	
b. WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, III				1		DM		8		p D001	
c. WASTE FLAMMABLE SOLIDS, TOXIC, ORGANIC, N.O.S., 4.1, UN2926, III, (ACETONE, METHYLENE CHLORIDE)				1		DM		1		p P002 P005	
d. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (ACETONE, TOLUENE), LIMITED QUANTITY-RADIOACTIVE MATERIAL				1		DF		20		p P003 P005	
e. WASTE 1,1,1-TRICHLOROETHANE SOLUTION, 6.1, UN2831, III				1		DM		3		p U226	
f. WASTE ARSENIC COMPOUND, SOLID, N.O.S., 6.1, UN1557, II, (PHENYL ARSINE OXIDE, WATER), RQ(D004)				1		DM		4		p D004	
g. WASTE TOXIC LIQUID, ORGANIC, N.O.S., 6.1, UN2810, III, (CONTAINS METHYLENE, CHLORIDE)				1		DF		9		p P002 P005	
h. WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, II, (BERYLLIUM, 1,1,1-TRICHLOROETHANE)				1		DM		40		p P002	
i. WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, III, (CONTAINS METHYLENE CHLORIDE)				1		DM		22		p P002	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
28a. RS1641 C92027746 LNL-951						28f. RS2081 C92027349					
28b. RS2082 C92029287						28g. RS2065 C9709746A					
28c. RS1641 C96067120						28h. RS1641 906694					
28d. RS1641 C02145530						28i. RS1851 C97097462					
28e. RS2084 910046649						<i>SOL, H141</i> <i>C- H150</i> <i>F- H132</i> <i>A- H150, H132</i> <i>B- H150, H132</i> <i>D- H150, H132</i> <i>G- H150</i> <i>H- H150, H132</i> <i>I- H150, H132</i>					
32. Special Handling Instructions and Additional Information											
EMERGENCY PHONE NO: (505) 667-6211											
28a. ERGNO: 133 28b. ERGNO: 133 28c. ERGNO: 134 28d. ERGNO: 133 28e. ERGNO: 160 28f. ERGNO: 152											
28g. ERGNO: 153 28h. ERGNO: 151 28i. ERGNO: 151											
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. NM0890010515	Manifest Document No. 02002	22. Page 6	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		
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.				M. State Generator's ID		
25. US EPA ID Number TND987783065				N. State Transporter's ID		
26. Transporter Company Name				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	R. Waste No.	
		No.	Type	Wt/Vol		
a.	WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, UN2811, II, (METHYLENE CHLORIDE)	2	DN	45 p	F002	
b.	WASTE TOXIC, LIQUIDS, ORGANIC, N.O.S., 6.1, UN2810, III, (CONTAINS METHYL ETHYL KETONE, METHYLENE CHLORIDE)	1	DF	4 p	F002 F005	
c.	WASTE TOXIC, LIQUIDS, ORGANIC, N.O.S., 6.1, UN2810, II, (CONTAINS CARBON TETRACHLORIDE)	1	DF	9 p	D019	
d.	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DF	18 p	F002 F005 D006 D010 D018	
e.	WASTE CORROSIVE LIQUID, TOXIC, N.O.S., 8, UN2922, II, (SULFURIC ACID, METHYLENE CHLORIDE) <i>DOT-E-9723</i>	1	DF	200 p	F002 D002	
f.	WASTE CORROSIVE SOLID, TOXIC, N.O.S., 8, UN2923, II, (SODIUM HYDROXIDE, PHENOL)	1	DN	9 p	D002	
g.	WASTE CORROSIVE SOLIDS, ACIDIC, INORGANIC, N.O.S., 8, UN3260, II <i>DOT-E-9723</i>	1	DN	300 p	F002 F003 F005	
h.	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (TOLUENE, 1,1,1 TRICHLOROETHANE)	1	DN	340 p	F001 F005 D006 D008 D009 D028	
i.	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, RQ(D009, D010)	1	DN	74 p	F002 F005 D006 D010	
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
28a. RS1850 C94043442 C96067917 28b. RS2073 C97082886 28c. RS2079 C96075513 28d. RS2069 C97096448 28e. RS2080 C92032771			28f. RS2077 C93033038 28g. RS1641 907988 28h. RS2064 C94044801 28i. RS2067 C94044822			
			SOI, H141 8-HUSD, H132 A - HUSD, H132 H - HUSD B, C, D, E - HUSD I - HUSD F - H132			
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211 28a. ERGNO: 154 28b. ERGNO: 153 28c. ERGNO: 153 28d. ERGNO: 161 28e. ERGNO: 154 28f. ERGNO: 154 28g. ERGNO: 28h. ERGNO: 171 28i. 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						



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02002	22. Page 5 6	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		N. State Transporter's ID				
26. Transporter 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	R. Waste No.
				No.	Type			
HM	a.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS LEAD, BENZENE)	1	DF	1	p	D008 D018 D022 D035
	b.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS MERCURY)	1	DF	22	p	D009
	c.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (MERCURY)	1	DN	20	p	D009
	d.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (TOLUENE, LEAD)	1	DN	8	p	F005 D008 D009
	e.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (1,1,1-TRICHLOROETHANE)	9	DN	2515	p	F001
	f.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (FREON)	1	DN	50	p	F001
	g.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (ACETONE, METHYL ETHYL KETONE)	1	DN	12	p	F003 F005
	h.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYL ETHYL KETONE; CARBON TETRACHLORIDE)	1	DF	10	p	F001 F002 F005 D043
	i.	<input checked="" type="checkbox"/>	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (METHANOL)	1	DN	30	p	F003
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. RS2072 C97094887 28b. RS2076 C98100516 28c. RS2076 C96067564 28d. RS2076 C95060727 28e. RS2083				28f. RS2083 C92025968 28g. RS2088 902585 28h. RS1641 C98109209 28i. RS1641 87084300				
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				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								



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02002	22. Page 6	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				
24. Transporter Company Name HITMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065	N. State Transporter's ID		M. State Generator's ID			
26. Transporter 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	R. Waste No.		
		No.	Type					
a.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (TOLUENE)		2	DK	20	p	F005
b.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III		1	DK	1	p	F001
c.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (1,1,1-TRICHLOROETHANE, 1,1-DICHLOROETHANE)		1	DK	190	p	F002 F005 D028 D029
d.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (1,1,1-TRICHLOROETHANE)		1	DK	50	p	F001
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. RS1641 89360600 89360700 ^D 28b. RS1641 91004701 ^D 28c. RS1850 C94044252 ^{don} 28d. RS2083 906696 ^{pf}				SOL, H141 AB- H050, H132 C- H050, H132 D- H050, H132				
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								
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								



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 7, 2002
Refer to: E/WMOSR:02-08

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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) 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.

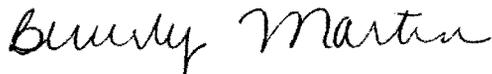
A shipment that included STP covered waste listed in Sections 3.1.4 and 3.1.11 of the CPV was initiated on January 31, 2002 and completed on February 04, 2002. Waste was sent to the Perma-Fix facility located in Gainesville, Florida. The shipment included a total of 0.69 cubic meters of STP waste. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	Organic Contaminated Combustible Solids	0.22
3.1.4	LA-W919	Organic Contaminated Non-Combustible Solids	0.02
3.1.11	LA-W923	Liquid and Solid Oxidizers	0.45
TOTAL STP VOLUME SHIPPED			0.69

Documentation that waste was received at Waste Control Specialists 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, DOE, LAAO, MS A316
J. Orban, DOE, WMD, AL
J. Nunz, DOE, LAAO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Benson-Wheeler, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR File

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4 (B) AND 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

3/07/02
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		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02009	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 LAB for US DDB 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				C. State Transporter's ID				
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		D. Transporter's Phone 800-233-9933				
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID				
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				F. Transporter's Phone				
				G. State Facility's ID FLD980711071				
10. US EPA ID Number FLD980711071				H. Facility's Phone 352-373-6066				
				I. Waste No.				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers	13. Total Quantity		
					No.	Type	14. Unit Wt/Vol	15. Waste No.
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, N.O.S., 4.1, UN1325, II, (DIISOPROPYLAMINE)					2	DR	40 p	D001
b. <input checked="" type="checkbox"/> WASTE SOLIDS CONTAINING FLAMMABLE LIQUIDS, N.O.S., 4.1, UN3175, II, (1,2,4,TRIMETHYLBENZENE)					1	DR	10 p	D001
c. <input checked="" type="checkbox"/> WASTE ALUMINUM NITRATE, 5.1, UN1438, III					1	DR	2 p	D001
d. <input checked="" type="checkbox"/> WASTE ALUMINUM NITRATE, 5.1, UN1438, III					1	DR	1 p	D001
J. Additional Descriptions for Materials Listed Above 11a. RS2168 907177 907178 11b. RS2168 C94042227 11c. RS2166 902608 11d. RS2166 C98108273					K. Handling Codes for Wastes Listed Above S01, H141 P/B- H20, H32 9D- H20			
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 133 11b. ERGNO: 133 11c. ERGNO: 140 11d. ERGNO: 140 HMTF#: 02012802								
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. Newberg		Signature 		Month Day Year 01/31/02				
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name Tony Kiedred		Signature 		Month Day Year 01/31/02				
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 Thomas A. Hamish		Signature 		Month Day Year 02/09/02				



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02009		22. Page 2 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 Company Name HITMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone	
26. Transporter Company Name		27. US EPA ID Number		29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				No.		Type					
a. <input checked="" type="checkbox"/> WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, UN2014, II DOT-E-9723				3		DK		6 p		D001	
b. <input checked="" type="checkbox"/> WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, UN2014, II DOT-E-9723				1		DK		2 p		D001	
c. <input checked="" type="checkbox"/> WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1, UN2014, II DOT-E-9723				1		DF		13 p		D001	
d. <input checked="" type="checkbox"/> WASTE OXIDIZING SOLID N.O.S., 5.1, UN1479, III, (SODIUM NITRATE, CALCIUM NITRATE)				1		DK		6 p		D001	
e. <input checked="" type="checkbox"/> WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (POTASSIUM PERMANGANATE, THALLIUM NITRATE PENTHYDRATE)				1		DF		1 p		D001	
f. <input checked="" type="checkbox"/> WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III				1		DK		2 p		D001	
g. <input checked="" type="checkbox"/> WASTE OXIDIZING SOLIDS, N.O.S., 5.1, UN1479, III, (AMMONIUM NITRATE, FERRIC NITRATE), LIMITED QUANTITY-RADIOACTIVE MATERIAL				1		DF		7 p		D001	
h. <input checked="" type="checkbox"/> WASTE POTASSIUM PERMANGANATE, 5.1, UN1490, II				1		DK		1 p		D001	
i. <input checked="" type="checkbox"/> WASTE SODIUM NITRATE, 5.1, UN1498, III				1		DK		1 p		D001	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
28a. RS2165 91005425 C93035867 C93035868						28f. RS2166 C91020202					
28b. RS2165 C91020205						28g. RS2166 C98108927					
28c. RS2165 C97097648						28h. RS2166 C93038575					
28d. RS2166 91005420						28i. RS2166 91005060					
28e. RS2166 C97098819						SOL. H141 HO0					
32. Special Handling Instructions and Additional Information											
*EMERGENCY PHONE NO: (505) 667-6211											
28a. ERGNO: 140 28b. ERGNO: 140 28c. ERGNO: 140 28d. ERGNO: 140 28e. ERGNO: 140 28f. ERGNO: 140											
28g. ERGNO: 140 28h. ERGNO: 140 28i. ERGNO: 140											
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 <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02009	22. Page 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		
24. Transporter <u>1</u> 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)			29. Containers		30. Total Quantity	31. Unit Wt/Vol
			No.	Type		
a.	X	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910		1	DF	1 p D001
b.	X	WASTE URANYL NITRATE, SOLID, 7, UN2981, Solid, U(NAT), 5.03e-08 TBq oxid, Radioactive Material <i>Radioactive white I</i>		1	DK	2 p D001
c.	X	HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (BARIUM NITRATE)		1	DK	80 p D005
d.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, LEAD)		1	DK	7 p D004 D006 D007 D008 D009 D011
e.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD; BARIUM)		1	DF	2 p D005 D008
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (LEAD, SILVER)		1	DK	5 p D008
g.	X	HAZARDOUS WASTE, SOLID, N.O.S. (BARIUM), 9, NA3077, III		1	DK	43 p D005
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
28a. RS2166 C98108932 28b. RS2166 899396 28c. RS2167 C91022050 28d. RS2167 C95051173 28e. RS2167 C98108452				28f. RS2167 C92027020 28g. RS2167 91005334 <i>SOL. #141</i> <i>AB, - H2O</i> <i>C, D, E, F, G - H132</i>		
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211						
28a. ERGNO: 161 28b. ERGNO: 162 28c. ERGNO: 171 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171 28g. 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						

GENERATOR TRANSPORTER FACILITY





*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 7, 2002
Refer to: E/WMOSR:02-09



CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. I
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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 3.1.11 (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 3.1.11 of the CPV was initiated on January 30, 2002 and completed on January 31, 2002. Waste was sent to the Waste Control Specialists facility located in Andrews County, Texas. The shipment included a total of 0.80 cubic meters of STP waste. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.11	LA-W923	Liquid and Solid Oxidiers	0.80
TOTAL STP VOLUME SHIPPED			0.80

Documentation that waste was received at Waste Control Specialists 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/o encl.):

Bcc (w/o encl.):

B. Osheim, DOE, LAAO, MS A316

J. Orban, DOE, WMD, AL

J. Nunz, DOE, LAAO, MS A316

B. Martin, E-WMOSR, MS J552

E. Louderbough, LC-GL, MS A187

S. Moreno, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

A. Millensted, FWO-SWO, MS J595

H. Benson-Wheeler, FWO-SWO, MS J595

A. Jackson, ESH-19, MS K490

E-WMOSR File

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4 (B) AND 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

3/7/02

Date Signed

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

Date Signed



Trailer 4-27354

#629

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. NM 0890010515		Manifest Document No. 02010		2. Page 1 of 1		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									
5. Transporter 1 Company Name HITTMAN 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 WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714		10. US EPA ID Number TXD988088464							
11A. HM	11. US DOT Description (Including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol				
X	a. WASTE LITHIUM HYDRIDE, 4.3, UN1414, I	001	D F	00035	P				
X	b. WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III, (SODIUM NITRATE, MERCURY)	007	D M	01287	P				
X	c. HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (CONTAINS COBALT POWDER)	001	D F	00007	P				
	d.								
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 138 11b. ERGNO: 140 11c. ERGNO: 171 HMTF#: 02012801									
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, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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. Newbury				Signature <i>[Signature]</i>				Month Day Year 01/30/02	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name A. M. [Signature]				Signature <i>[Signature]</i>				Month Day Year 01/30/02	
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name A. M. [Signature]				Signature <i>[Signature]</i>				Month Day Year 01/30/02	
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 Jefferson G. Shouse				Signature <i>[Signature]</i>				Month Day Year 01/30/02	



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 14, 2002
Refer to: E/WMOSR:02-11

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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) 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

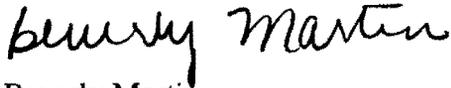
A shipment that included STP covered waste listed in Section 3.1.4 and 3.1.11 of the CPV was initiated on January 30, 2002 and completed on February 04, 2002. The waste was sent for recycle to the GTS Duratek Bear Creek facility located in Oak Ridge Tennessee. The total volume of STP waste shipped to GTS Duratek Bear Creek is 1.96 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	<i>Organic Combustible Solids</i>	0.47
3.1.11	LA-W909	<i>Bulk Oils</i>	1.49
Total STP Volume Shipped			1.96

Documentation that waste was received at GTS Duratek Bear Creek 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) 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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

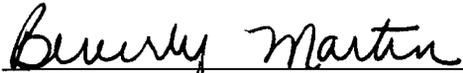
Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
K. Hargis, E-WMOSR, MS J591
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
A. White, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
A. Jackson, ESH-19, MS K490
E-WMOSR file

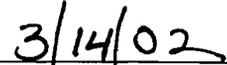
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4 (B) AND 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
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. 02007

Carrier No. 15348

Date 1/30/02

Page 1 of 1 Hittman Transportation Service
(Name of carrier) (SCAC)

Origin of Delivery shipment. The "FROM" must appear below consignee name or as alternate printed in Item 401, Sec. 1.
 Consignee GEIS Devatek Bear Creek Operations
1560 Bear Creek Road
 City Albuquerque State NM Zip Code 87130

FROM Shipper Los Alamos National Laboratory
 Street P.O. Box 1663
 City Los Alamos State NM Zip Code 87544
 24 hr. Emergency Contact Tel. No. (505) 667-6211

Route		Vehicle Number				
No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, Identification Number (UN or NA), Packing Group, per 172.101, 172.202, 172.203	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 CW		Metallic object for Metal Melt	1000 lbs	1000 lbs		
1 CW		Metallic object for Metal Melt	450 lbs	450 lbs		
		93035938				
		93035942				

PLACARDS TENDERED: YES NO

Page - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be the amounting to \$_____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability, shippers are advised that a value declaration by the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NACF Item 172.
 (3) Declaration required for certain additional rates or amounts in handling or storage shall be indicated and packaged as to ensure rate negotiation. See Section 202 of Item 202, Bill of Lading, Freight Rate and Conditions of Charges, and Section 101 of the Contract Terms and Conditions for a list of such rates.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
 Signature _____

REMIT C.O.D. TO: ADDRESS _____

COD AMT \$ _____

G.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 Freight Prepaid Freight Collect

SHIPPER, subject to the provisions and terms in effect on the date of this Bill of Lading, the property described above is accepted for shipment under the terms, conditions and limitations of carriage set forth in the applicable tariff and conditions of carriage of the carrier, and the shipper hereby agrees to indemnify the carrier for all claims, damages, losses and expenses, including reasonable attorney's fees, which may be incurred by the carrier in connection with the transportation of the property under the terms and conditions of this Bill of Lading, and to hold the carrier harmless from all such claims, damages, losses and expenses, including reasonable attorney's fees, which may be incurred by the carrier in connection with the transportation of the property under the terms and conditions of this Bill of Lading.

Shipper and carrier agree that in any case involving in all or any part property, that every claim to be presented hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby declares that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his agents.

SHIPPER L.A.M.
 PER Victor Gaudin

CARRIER Hittman
 PER Mr. M... #3NA SDC
 DATE 08002

3



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002 ✓
Refer to: E/WMOSR:02-12

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.4(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 3.1.4 of the CPV was initiated on February 14, 2002 and completed on February 20, 2002. The waste was sent to Material and Energy Corporation (M&EC) located in Oak Ridge, Tennessee. The total volume of STP waste shipped to M&EC is 5.05 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	<i>Organic-Contaminated Combustible Solids</i>	0.17
3.1.4	LA-W919	<i>Organic-Contaminated Noncombustible Solids</i>	4.88
Total STP Volume Shipped			5.05

Documentation that waste was received at M&EC 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) 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.4 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02006	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 LANE 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		6. US EPA ID Number TND987783065		C. State Transporter's ID	
5. Transporter 1 Company Name HITTMAN TRANSPORTATION SERVICES, INC.		8. US EPA ID Number		D. Transporter's Phone 800-233-9933	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830		14. US EPA ID Number TNR000005397		F. Transporter's Phone	
				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.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
a. <input checked="" type="checkbox"/> WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, UN2811, 11, (CONTAINS BARIUM, LEAD, NITROBENZENE)		1	145	p	<i>* see profile</i>
b. <input checked="" type="checkbox"/> WASTE TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, UN2811, 111, (CONTAINS NITROBENZENE, 2,4-DINITROTOLUENE)		1	135	p	004 005 008 009 010 030 032 033 034 042
c. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, L.S.A., N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 PU238 TH230 U234 TH232 U235 U238 AN241 H3, 3.82e-05 TBq, Fissile Excepted, LSA-II		1	195	p	*
d. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, L.S.A., N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 TH230 TH228 U234 TH232 U235 U238 SR90, 1.50e-05 TBq, Fissile Excepted, LSA-II		1	115	p	*
J. Additional Descriptions for Materials Listed Above 11a. 02-02-03 C96074071 11b. 02-02-03 C96064487 11c. 02-02-03 C95058470 11d. 02-02-03 C95058582 "Exclusive use Shipment"				K. Handling Codes for Wastes Listed Above <i>* see profile</i>	
15. Special Handling Instructions and Additional Information "EMERGENCY PHONE NO: (505) 667-6211" 11a. ERGNO: 154 11b. ERGNO: 154 11c. ERGNO: 162 11d. ERGNO: 162 <i>02/14/02</i> HNTP: 02021403					
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 <i>Paul N. Newberry</i>		Signature <i>[Signature]</i>		Month Day Year 02/14/02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>JEFF BROOKS</i>		Signature <i>[Signature]</i>		Month Day Year 02/14/02	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space None					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Scott Conroy</i>		Signature <i>[Signature]</i>		Month Day Year 02/20/02	

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02006		22. Page 2 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 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 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		R. Waste No.	
						No.		Type					
a.		x WASTE RADIOACTIVE MATERIAL, L.S.A., N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 PU238 AN241 TH230 U234 TH228 TH232 U235 U238 H3, 2.67e-04 TBq, Fissile Excepted, LSA-II				1		DN		198		p *	
b.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 U234 TH230 U235 U238 H3 C14 TC99, 1.77e-04 TBq, Fissile Excepted, LSA-II				1		DF		205		p *	
c.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU238 PU239 AN241 TH230 U234 TH228 TH232 U235 U238 SR90, 3.23e-05 TBq, Fissile Excepted, LSA-II				1		DN		325		p *	
d.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU238 PU239 PU240 TH234 U234 U235 U238, 2.02e-05 TBq, Fissile Excepted, LSA-II				1		DN		18		p F002 F004 F005	
e.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, CS137 PU238 PU239 PU240 U234 U235 U238, 1.01e-05 TBq, Fissile Excepted, LSA-II, RQ(LEAD)				6		DN		1477		p *	
f.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, CS137 PU238 PU239 PU240 U234 U235 U238, 4.36e-06 TBq, Fissile Excepted, LSA-II, RQ(LEAD)				1		DN		70		p *	
g.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU238 PU239 AN241 U234 TH230 TH228 TH232 U235 U238 H3, 4.18e-06 TBq, LSA-II				1		DN		90		p D004 D005 D006 D007 D008 D009 D010 D011 D012 D032	
h.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 PA231 U234 TH227 PU238 PU239 PU240 U235 U238 PB211, 1.46e-05 TBq, Fissile Excepted, LSA-II				7		DN		1855		p *	
i.		x WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, CS137 PU238 PU239 U(NAT), 7.68e-05 TBq, Fissile Excepted, LSA-II				1		DN		160		p *	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
28a. 02-02-03 C95058876						28f. 02-02-03 C96066675							
28b. 01-12-19 C98105508						28g. 02-02-03 C95056225							
28c. 01-12-23 C95056248						28h. 02-02-03							
28d. 02-02-01 C96076131						28i. 02-02-03 C96066693							
28e. 02-02-03						*Exclusive use Shipment*							
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: 162 28h. ERGNO: 162 28i. ERGNO: 162													
33. Transporter Acknowledgement of Receipt of Materials								Date					
Printed/Typed Name JEFF BROOKS						Signature <i>Jeff Brooks</i>				Month Day Year 2/20/02			
34. Transporter Acknowledgement of Receipt of Materials								Date					
Printed/Typed Name						Signature				Month Day Year			
35. Discrepancy Indication Space													
N/A													



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02006		22. Page 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 Company Name HITTAN 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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
						No.		Type							
a.		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, CS137 PU238 PU239 U(WAT), 7.74e-05 TBq, Fissile Excepted, LSA-II				1		DK		178		p		*	
b.		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AM241 CS137 H3 PU238 PU239 SR90 U234 U235 U238, 2.16e-05 TBq, Fissile Excepted, LSA-II				3		DK		225		p		*	
c.		WASTE RADIOACTIVE MATERIAL, LSA, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 U234 TH230 TH228 PU238 TH232 U235 U238 AM241 SR90, 9.68e-07 TBq, Fissile Excepted, Radioactive White I, LSA-II				1		DK		25		p		P005 D004 D009 D006 D007 D008 D009 D032 D033 D034	
d.		WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, UN3265, II				1		DK		300		p		F001 F002 F003 F005 D009	
e.		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (BARIUM, CADMIUM)				1		DK		35		p		D005 D006 D007 D008 D009 D010 D011 D030 D032 D033	
f.		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (BARIUM, LEAD)				1		DK		51		p		F002 D004 D005 D006 D007 D008 D009 D010 D011 D030 D032 D033	
g.		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CHLOROBENZENE, ARSENIC), RQ(LEAD)				1		DK		345		p		*	
h.		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (LEAD, CHROMIUM, BARIUM)				1		DK		192		p		*	
i.														*	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above									
28a. 02-02-03 C96066694						28f. 02-02-03 C95059394									
28b. 02-02-03 C98108997 C98108998 C98108999						28g. 02-02-03 C96066692									
28c. 01-12-26 C94041954						28h. 02-02-03 C95059390									
28d. 01-12-21 C907987 02-02-01						"Exclusive use Shipment"									
28e. 02-02-03 C94041958															
32. Special Handling Instructions and Additional Information															
EMERGENCY PHONE NO: (505) 667-6211															
28a. ERGNO: 162 28b. ERGNO: 162 28c. ERGNO: 162 28d. ERGNO: 153 28e. ERGNO: 171 28f. ERGNO: 171															
28g. ERGNO: 171 28h. ERGNO: 171															
33. Transporter Acknowledgement of Receipt of Materials										Date					
Printed/Typed Name JEFF BEAKS					Signature <i>Jeff Beaks</i>					Month Day Year 1/20/02					
34. Transporter Acknowledgement of Receipt of Materials										Date					
Printed/Typed Name					Signature					Month Day Year					
35. Discrepancy Indication Space															
N/A															

GENERATOR

TRANSPORTER

FACILITY



**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.4 (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
Los Alamos National Laboratory
Operator

3/28/02
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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002
Refer to: E/WMOSR:02-13

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.4(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 3.1.4 of the CPV was initiated on February 14, 2002 and completed on February 19, 2002. The waste was sent to Perma-Fix located in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.39 cubic meters from treatability group *“Organic-Contaminated Noncombustible Solids,”* MWIR Waste ID LA-W919.

Documentation that waste was received at Perma-Fix 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) 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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.4 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **NM0890010515** Manifest Document No. **02001**

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 LAMU 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 Transport Services, T.M.O. 9.277.83065** 6. US EPA ID Number

C. State Transporter's ID
 D. Transporter's Phone **800-233-4923**

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

a.	HM	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
			No.	Type			
x		WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DF	1	p	D008
x		HAZARDOUS WASTE, SOLID, N.O.S., 9, WA3077, III, (ARSENIC, BARIUM)	1	DN	140	p	D004 D005 D006 D007 D008 D009 D010 D011
x		HAZARDOUS WASTE, SOLID, N.O.S., 9, WA3077, III, (ARSENIC, LEAD)	1	DN	155	p	D004 D005 D006 D007 D008 D009 D010 D011 D032 D033
x		HAZARDOUS WASTE, SOLID, N.O.S., 9, WA3077, III, (BARIUM, CADMIUM)	1	DN	25	p	D005 D006 D007 D008 D030 D032 D033

J. Additional Descriptions for Materials Listed Above
 11a. RS#2201 C01134808
 11b. RS#2201 C94040645
 11c. RS#2201 C93039254
 11d. RS#2201 C93038682

K. Handling Codes for Wastes Listed Above
S01, H141
H132

15. Special Handling Instructions and Additional Information
 EMERGENCY PHONE NO: (505) 667-6211
 11a. ERGNO: 161 11b. ERGNO: 171 11c. ERGNO: 171 11d. ERGNO: 171
HNTP#: 02020601

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 *[Signature]* Month Day Year **02/14/02**

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **JEFF BROOKS** Signature *[Signature]* Month Day Year **02/14/02**

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 **Raymond White** Signature *[Signature]* Month Day Year **02/19/02**

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.
NM0890010515

Manifest Document No.
02001

22. Page
2
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
Huffman Transportation Services, Inc. TN0987783065

25. US EPA ID Number

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)

29. Containers
30. Total Quantity
31. Unit Wt/Vol
R. Waste No.

	HM		No.	Type	Total Quantity	Unit Wt/Vol	R. Waste No.
a.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS ARSENIC, BARIUM)	1	DF	4	p	D004 D005 D007
b.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS ARSENIC, CHROMIUM)	1	DF	4	p	D004 D005 D007
c.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS ARSENIC, LEAD)	1	DF	4	p	D004 D008
d.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM)	1	DK	300	p	D005
e.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM, CHROMIUM)	1	DF	4	p	D005 D007 D008
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM, LEAD)	3	DF	27	p	D004 D005 D006 D007 D008 D009 D010 D011 D030 D032 D033
g.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, ARSENIC)	1	DF	4	p	D004 D005 D007 D008 D010
h.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, LEAD)	5	DF	36	p	D007 D008 D009 D011
i.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, LEAD,)	1	DF	4	p	D007 D008 D010

S. Additional Descriptions for Materials Listed Above
 28a. RS#2201 C01137413
 28b. RS#2201 C01137379
 28c. RS#2201 C01137412
 28d. RS#2201 C01136176
 28e. RS#2201 C01137404

T. Handling Codes for Wastes Listed Above
 28f. RS#2201 C01137360 C01137402 C96073481
 28g. RS#2201 C01137406
 28h. RS#2201
 28i. RS#2201 C01137409
Sol. H141
H132

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

GENERATOR
TRANSPORTER
FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02001	22. Page 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			
24. Transporter Company Name H. H. Hagan Transportative Services Inc		25. US EPA ID Number TND927783065	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)			29. Containers		30. Total Quantity	31. Unit Wt/Vol	
			No.	Type			R. Waste No.
a.	HM X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD)	1	DF	4	P	0008
b.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD, MERCURY)	1	DF	3	P	0008 0009
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above 28a. RS#2201 C01137414 28b. RS#2201 C01137405				T. Handling Codes for Wastes Listed Above S01. H41 H132			
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 171 28b. ERGNO: 171							
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							

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.4 (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
Los Alamos National Laboratory
Operator

3/28/02

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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002
Refer to: E/WMOSR:02-14

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT,
ACTIVITIES 3.1.4(B), 3.1.6(B) AND 3.1.7(B) IN THE
COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT
PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)**

Dear Mr. Will,

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 3.1.7(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 3.1.4, 3.1.6, and 3.1.7 of the CPV was initiated on February 14, 2002 and completed on February 19, 2002. The waste was sent to Perma-Fix located in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 4.85 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	<i>Organic-Contaminated Combustible Solids</i>	0.91
3.1.6	LA-W915	<i>Aqueous Cyanides, Nitrates, Chromates, and Arsenates</i>	0.000031
3.1.7	LA-W916	<i>Water-Reactive Wastes</i>	0.000031
3.1.4	LA-W919	<i>Organic- Contaminated Noncombustible Solids</i>	3.94
Total STP Volume Shipped			4.85

Documentation that waste was received at Perma-Fix 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) 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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.4(B), 3.1.6(B), AND 3.1.7(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02003	22. Page 2 4	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		
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.			25. US EPA ID Number TND987783065	N. State Transporter's ID			
26. Transporter Company Name			27. US EPA ID Number	O. Transporter's Phone 800-233-9933			
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.	
HM	a.	WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1325, III, (CONTAINS XYLENE), LIMITED QUANTITY RADIOACTIVE MATERIAL	1	DN	8	p	F003
x	b.	WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1325, II, (METHYL ETHYL KETONE)	1	DN	1	p	D001 D035
x	c.	WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1325, III, (2,6-DIMETHYL-4-HEPTANONE)	1	DN	2	p	D001
x	d.	WASTE SOLIDS CONTAINING FLAMMABLE LIQUIDS, N.O.S., 4.1, UN3175, II, (ACETONE, METHANOL)	1	DN	51	p	F003 F005
x	e.	WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, UN2811, II, (CHLOROBENZENE, NITROBENZENE)	1	DN	150	p	F002 F004 F005 D027 D030 D032 D033 D034
x	f.	WASTE TOXIC SOLID, ORGANIC, N.O.S., 6.1, UN2811, III, (2,4-DINITROTOLUENE, ARSENIC)	1	DF	3	p	D004 D005 D006 D007 D008 D009 D010 D030 D032 D033
x	g.	WASTE TOXIC SOLIDS, INORGANIC, N.O.S., 6.1, UN3288, II, (CONTAINS CYANOGEN IODIDE, BARIUM CARBONATE)	1	DF	3	p	F030 D003 D005
x	h.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, ELEMENTAL, AN241 CS137 H3 PU238 PU239 SR90 TH228 TH230 TH232 U234, 5.93e-06 TBq, Fissile Excepted, Radioactive White I, LSA-II	1	DN	85	p	F002 F004 F005 D004 D005 D006 D007 D008 D009 D010 D011
x	i.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, ELEMENTAL, PU239 PU238 AN241 TH230 U234 TH228 TH232 U235 U238 RA226, 1.93e-05 TBq, LSA-II	1	DN	170	p	<i>see profile</i>
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. RS1641 C93038578 28b. RS2168 C95052846 28c. RS2168 C95047739 28d. RS1641 C91023577 28e. RS2184 C94040646				28f. RS2185 C95056223 28g. RS1641 C97097663 28h. RS2185 C93039478 28i. RS2185 C95055812 "Exclusive use Shipment"			
32. Special Handling Instructions and Additional Information				<i>SOL, H141</i> <i>H200, H132</i>			
EMERGENCY PHONE NO: (505) 667-6211				28a. ERGNO: 133 28b. ERGNO: 133 28c. ERGNO: 133 28d. ERGNO: 133 28e. ERGNO: 154 28f. ERGNO: 154 28g. ERGNO: 151 28h. ERGNO: 162 28i. ERGNO: 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							

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02003	2. Page 1 of 4	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				C. State Transporter's ID		
5. Transporter 1 Company Name HITTMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		D. Transporter's Phone 800-233-9933		
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		
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		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol
		No.	Type			I. Waste No.
a.	<input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (ACETONE, METHANOL)	1	DN	70	p	F003 F005 D00 D022
b.	<input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II	1	DN	6	p	D001
c.	<input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II, LIMITED QUANTITY RADIOACTIVE MATERIAL	1	DN	320	p	D001
d.	<input checked="" type="checkbox"/> WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1325, II, (ACETONE, 1,1,1-TRICHLOROETHANE)	3	DN	490	p	F002 F003
J. Additional Descriptions for Materials Listed Above 11a. RS1641 892027744 11b. RS1640 91004396 11c. RS2168 89649900 11d. RS1641 88095700 88095800 88096200				K. Handling Codes for Wastes Listed Above 501, H141 H000 / H132 2/14/02 HNTF: 602021402		
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 128 11b. ERGNO: 133 11c. ERGNO: 133 11d. ERGNO: 133						
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 W. Newberry				Signature 		Month Day Year 02/14/02
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JEFF BROOKS				Signature 		Month Day Year 02/14/02
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 Thomas A. Hambl				Signature 		Month Day Year 02/19/02



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02003	22. Page 3 4	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		
24. Transporter Company Name HITTAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		M. State Generator's ID			
26. Transporter Company Name		27. US EPA ID Number		N. State Transporter's ID			
				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 No.	30. Total Quantity	31. Unit Wt/Vol	
				Type		R. Waste No.	
a.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, ELEMENTAL, AC227 PU238 PU239 U234 TH230 TH228 TH232 U235 U238 AN241, 4.75e-06 TBq, Fissile Class EXEMPT, LSA-II		1	DK	78 p	*
b.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, TH230 TH228 PU239 U234 PU238 TH232 U235 U238 H3 RA226, 1.18e-06 TBq, Fissile Class EXEMPT, LSA-II		1	DF	5 p	D005 D006 D007 D008 D009 D030 D032
c.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, ELEMENTAL, PU239 PU238 AN241 TH230 U234 TH228 TH232 U235 U238 H3, 5.79e-05 TBq, Fissile Class EXEMPT, LSA-II		1	DK	176 p	*
d.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 TH230 TH228 U234 TH232 U235 U238 NP237, 9.37e-06 TBq, Fissile Excepted, LSA-II		3	DK	355 p	*
e.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 TH230 TH228 U234 TH232 U235 U238 NP237, 2.35e-06 TBq, Fissile Excepted, LSA-II		1	DF	20 p	*
f.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AN241 PU238 TH230 TH228 U234 TH232 U235 U238 NP237, 1.41e-05 TBq, Fissile Excepted, LSA-II		1	DF	120 p	*
g.	x	WASTE CORROSIVE SOLID, ACIDIC ORGANIC, N.O.S., 8, UN3261 HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III (CONTAINS ARSENIC, BARIUM) <i>e.d. 2/1/02</i>		1	DK	115 p	*
h.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (2,4 DINITROTOLUENE, HEXACHLOROBENZENE)		1	DK	4 p	D030 D032
i.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (ACETONE, TOLUENE)		1	DK	350 p	E003 E005
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. RS2185 C95058583 28b. RS2185 C95058584 28c. RS2185 C95059275 28d. RS2187 C96074156 C96074157 C96074158 28e. RS2187 C96074159				28f. RS2187 C96074161 28g. RS2187 C96074160 28h. RS2185 C95055117 28i. RS2083 88028800 *Exclusive use Shipment'			
32. Special Handling Instructions and Additional Information				<i>H000, H132 * see profile S01, H141</i>			
*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: 154 28h. ERGNO: 171 28i. 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							

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02003		22. Page 4		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 HITTAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone			
26. Transporter Company Name		27. US EPA ID Number		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.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD, ARSENIC)		9 DK		5376		p		D004 D008	
b.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (METHYL ETHYL KETONE, ARSENIC)		1 DK		385		p		P005 D004 D005 D006 D007 D008	
c.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (SOIL, 2,4 DINITROTOLUENE)		1 DK		130		p		D030	
d.													
e.													
f.													
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above 28a. RS2167 28b. RS2185 91006597 28c. RS2185 C94043619						T. Handling Codes for Wastes Listed Above S01, H141 H132							
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 171 28b. ERGNO: 171 28c. 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													

GENERATOR
TRANSPORTER
FACILITY



ORIGINAL-RETURN TO GENERATOR

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4(B), 3.1.6(B), AND 3.1.7(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
Los Alamos National Laboratory
Operator

3/28/02
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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002
Refer to: E/WMOSR:02-15

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

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) 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 3.1.4 and 3.1.11 of the CPV was initiated on February 13, 2002 and completed on February 18, 2002. The waste was sent to Perma-Fix located in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 5.05 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	<i>Organic-Contaminated Combustible Solids</i>	4.94
3.1.11	LA-W907	<i>Halogenated Organic Liquids</i>	0.11
Total STP Volume Shipped			5.05

Documentation that waste was received at Perma-Fix 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) 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.):

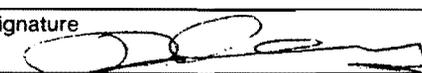
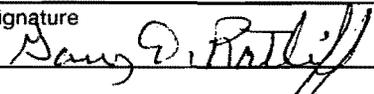
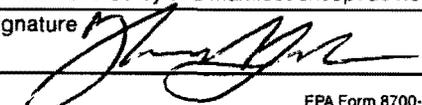
Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.4(B) AND 3.1.11(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02017		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 LAB for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						A. State Manifest Document Number					
4. Generator's Phone (505) 665-6158						B. State Generator's ID					
5. Transporter 1 Company Name HITKAN TRANSPORTATION SERVICES, INC.			6. US EPA ID Number TND987783065			C. State Transporter's ID					
7. Transporter 2 Company Name			8. US EPA ID Number			D. Transporter's Phone 800-233-9933					
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653						10. US EPA ID Number FLD980711071			E. State Transporter's ID		
									F. Transporter's Phone		
									G. State Facility's ID FLD980711071		
									H. Facility's Phone 352-373-6066		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.	
						No.	Type				
a.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 4.38e-05 TBq, Fissile Excepted, LSA-II				1	DK	181	p	F002 F003	
b.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 3.92e-05 TBq, Fissile Excepted, LSA-II				1	DK	162	p	F002 F003	
c.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 5.02e-05 TBq, Fissile Excepted, LSA-II				1	DK	156	p	F002 F003	
d.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 7.49e-05 TBq, Fissile Excepted, LSA-II				1	DK	232	p	F002 F003	
J. Additional Descriptions for Materials Listed Above 11a. RS#1640 88010200 11b. RS#1640 88010300 11c. RS#1640 906316 11d. RS#1640 906317 *Exclusive use Shipment*						K. Handling Codes for Wastes Listed Above S01, H141 H00, H132					
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 HNTP#: 02020602											
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 Lauri W. Newbern						Signature 			Month Day Year 02/13/02		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name GARY D. RATLIFF						Signature 			Month Day Year 02/13/02		
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 Thomas A. Hannes Jr						Signature 			Month Day Year 02/13/02		



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02017		22. Page 2 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 Company Name HITTMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone				
26. Transporter Company Name		27. US EPA ID Number		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.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 5.06e-05 TBq, Fissile Excepted, LSA-II		1 DK		157 p		F002 F003				
b.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 8.06e-05 TBq, Fissile Excepted, LSA-II		1 DK		250 p		F002 F003				
c.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 5.47e-05 TBq, Fissile Excepted, LSA-II		1 DK		169 p		F002 F003				
d.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U238, 7.35e-07 TBq, Fissile Excepted, LSA-II		1 DK		32 p		F002 F003				
e.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U238, 8.75e-07 TBq, Fissile Excepted, LSA-II		2 DK		76 p		F002 F003				
f.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U238, 8.07e-07 TBq, Fissile Excepted, LSA-II		1 DK		35 p		F002 F003				
g.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U238, 7.15e-07 TBq, Fissile Excepted, LSA-II		1 DK		31 p		F002 F003				
h.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 9.59e-06 TBq, Fissile Excepted, LSA-II		1 DK		36 p		F002 F003				
i.		x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AN241 H3 PU238 PU239 U234 U238, 1.65e-05 TBq, Fissile Excepted, LSA-II		1 DK		62 p		F002 F003				
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above								
28a. RS#1640 906318 28b. RS#1640 908675 28c. RS#1640 908676 28d. RS#1640 89526100 28e. RS#1640 89526200 89526400						28f. RS#1640 89526500 28g. RS#1640 89526600 28h. RS#1640 89619100 28i. RS#1640 89619300 "Exclusive use Shipment"								
32. Special Handling Instructions and Additional Information						SOI / HMI HUSD, H132								
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: 162 28h. ERGNO: 162 28i. ERGNO: 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														



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02017		22. Page 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 Company Name HITTMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone			
26. Transporter Company Name		27. US EPA ID Number		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. <input checked="" type="checkbox"/> x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.41e-05 TBq, Fissile Excepted, LSA-II		1 DK		53		p		F002 F003			
b. <input checked="" type="checkbox"/> x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U238, 5.96e-07 TBq, Fissile Excepted, LSA-II		1 DK		80		p		F002 F003 F005 D007 D035			
c. <input checked="" type="checkbox"/> x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U238, 7.08e-07 TBq, Fissile Excepted, LSA-II		1 DK		95		p		F002 F003 F005 D007 D035			
d. <input checked="" type="checkbox"/> x		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U238, 8.21e-07 TBq, Fissile Excepted, LSA-II		1 DK		110		p		F002 F003 F005 D007 D035			
e. <input checked="" type="checkbox"/> x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE)		2 DK		60		p		F002 F003			
f. <input checked="" type="checkbox"/> x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE)		5 DK		815		p		F002 F003			
g. <input checked="" type="checkbox"/> x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE, ACETONE)		5 DK		300		p		F001 F002 F003			
h. <input checked="" type="checkbox"/> x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE, ACETONE)		8 DK		451		p		F002 F003			
i. <input type="checkbox"/>													
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
28a. RS#1640 89619800 28b. RS#2198 903456 28c. RS#2198 903457 28d. RS#2198 903459 28e. RS#1640 89436100 89492100						28f. RS#1640 28g. RS#1640 28h. RS#1640 "Exclusive use Shipment" <i>SO1, HM1</i> <i>H00, H13L</i>							
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: 171 28f. ERGNO: 171 28g. ERGNO: 171 28h. ERGNO: 171													
33. Transporter Acknowledgement of Receipt of Materials													
Printed/Typed Name						Signature			Date				
34. Transporter Acknowledgement of Receipt of Materials						Signature			Date				
Printed/Typed Name						Signature			Date				
35. Discrepancy Indication Space													

GENERATOR

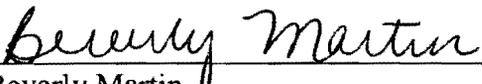
TRANSPORTER

FACILITY

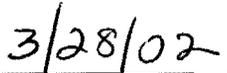
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.4(B) AND 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
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*

P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002 ✓
Refer to: E/WMOSR:02-16

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.4(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 3.1.4 of the CPV was initiated on February 13, 2002 and completed on February 18, 2002. The waste was sent to Perma-Fix located in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 8.52 cubic meters from treatability group *“Organic-Contaminated Combustible Solids,”* MWIR Waste ID LA-W911.

Documentation that waste was received at Perma-Fix 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) 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.):

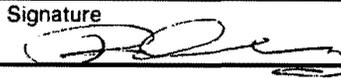
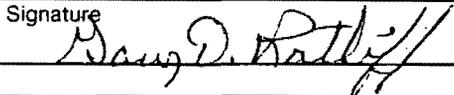
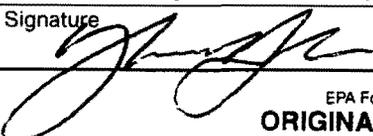
Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.4(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02018	2. Page 1 of 6	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LAMC for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933		
9. Designated Facility Name and Site Address PERNA-FII 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID FLD98071071		
				H. Facility's Phone 352-373-6066		
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.	WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS MINERAL SPIRITS, CHROMIUM), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	30	p	D001 D007 D008
b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.26e-06 TBq, Fissile Excepted, LSA-II	3	DM	21	p	F002 F003
c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 3.23e-06 TBq, Fissile Excepted, LSA-II	2	DM	20	p	F002 F003
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 4.52e-06 TBq, Fissile Excepted, LSA-II	1	DM	14	p	F002 F003
J. Additional Descriptions for Materials Listed Above 11a. RS#2168 C00128074 11b. RS#1640 88001700 88002000 88002100 11c. RS#1640 88001800 88002300 11d. RS#1640 88001900 "Exclusive use Shipment"				K. Handling Codes for Wastes Listed Above SOL. H141 H030, H132		
15. Special Handling Instructions and Additional Information "EMERGENCY PHONE NO: (505) 667-6211" 11a. ERGNO: 133 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 HMTF#: 02020603						
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 02/13/02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name GARY D BATHIFF		Signature 		Month Day Year 02/13/02		
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 Thomas A. ...		Signature 		Month Day Year 02/13/02		



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02018	22. Page 2 6	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 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)				29. Containers		30. Total Quantity	31. Unit W/Vol	R. Waste No.
				No.	Type			
a.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.58e-06 TBq, Fissile Excepted, LSA-II		1	DN	8	p	F002 F003
b.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.90e-06 TBq, Fissile Excepted, LSA-II		1	DN	9	p	F002 F003
c.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 1.61e-06 TBq, Fissile Excepted, LSA-II		1	DN	5	p	F002 F003
d.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.00e-06 TBq, Fissile Excepted, LSA-II		3	DN	27	p	F002 F003
e.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 1.33e-06 TBq, Fissile Excepted, LSA-II		2	DN	12	p	F002 F003
f.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.89e-06 TBq, Fissile Excepted, LSA-II		2	DN	26	p	F002 F003
g.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 3.33e-06 TBq, Fissile Excepted, LSA-II		1	DN	15	p	F002 F003
h.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 2.22e-06 TBq, Fissile Excepted, LSA-II		1	DN	10	p	F002 F003
i.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 1.56e-06 TBq, Fissile Excepted, LSA-II		1	DN	7	p	F002 F003
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. RS#1640 88002200 28b. RS#1640 88002400 28c. RS#1640 88002500 28d. RS#1640 88002600 88003100 88003500 28e. RS#1640 88002700 88003300				28f. RS#1640 88002800 88003400 SOI, H141 28g. RS#1640 88002900 28h. RS#1640 88003000 HDSO, H132 28i. RS#1640 88003200 *Exclusive use Shipment*				
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: 162 28h. ERGNO: 162 28i. ERGNO: 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 <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02018	22. Page# 6	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		
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		M. State Generator's ID			
26. Transporter Company Name		27. US EPA ID Number		N. State Transporter's ID			
				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	F. Waste No.	
a.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 2.66e-06 TBq, Fissile Excepted, LSA-II		1	DN	12 p	F002 F003
b.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.86e-06 TBq, Fissile Excepted, LSA-II		3	DN	27 p	F002 F003
c.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.25e-06 TBq, Fissile Excepted, LSA-II		2	DN	12 p	F002 F003
d.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.45e-06 TBq, Fissile Excepted, LSA-II		4	DN	28 p	F002 F003
e.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.66e-06 TBq, Fissile Excepted, LSA-II		4	DN	32 p	F002 F003
f.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 1.94e-06 TBq, Fissile Excepted, LSA-II		1	DN	8 p	F002 F003
g.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U234 U238, 2.18e-06 TBq, Fissile Excepted, LSA-II		1	DN	9 p	F002 F003
h.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U238, 3.91e-07 TBq, Fissile Excepted, LSA-II		1	DN	17 p	F002 F003
i.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AK241 H3 PU238 PU239 U238, 5.75e-07 TBq, Fissile Excepted, LSA-II		1	DN	25 p	F002 F003
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. RS#1640 88003600 28b. RS#1640 88003700 88004300 88004900 28c. RS#1640 88003800 88004100 28d. RS#1640 88003900 88004000 88004500 88004800 28e. RS#1640 88004200 88004400 88004600 88004700				28f. RS#1640 88005800 28g. RS#1640 88005900 28h. RS#1640 89526000 28i. RS#1640 89526300 "Exclusive use Shipment"			
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: 162 28h. ERGNO: 162 28i. ERGNO: 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							

GENERATOR TRANSPORTER FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02018	22. Page 4 6	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				
24. Transporter <u>1</u> Company Name HITTMAN TRANSPORTATION SERVICES, INC.				25. US EPA ID Number TND987783065		M. State Generator's ID		
26. Transporter _____ Company Name				27. US EPA ID Number		N. State Transporter's ID		
						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	R. Waste No.			
		No.	Type					
HM	a.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 5.87e-06 TBq, Fissile Excepted, LSA-II	1	DN	22	p	F002 F003
	b.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 7.71e-06 TBq, Fissile Excepted, LSA-II	1	DN	29	p	F002 F003
	c.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 7.45e-06 TBq, Fissile Excepted, LSA-II	1	DN	28	p	F002 F003
	d.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 5.06e-06 TBq, Fissile Excepted, LSA-II	2	DN	38	p	F002 F003
	e.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 7.26e-06 TBq, Fissile Excepted, LSA-II	1	DN	30	p	F002 F003 F005 D007
	f.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 5.83e-06 TBq, Fissile Excepted, LSA-II	1	DN	24	p	F002 F003 F005 D007
	g.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 8.25e-06 TBq, Fissile Excepted, LSA-II	1	DN	34	p	F002 F003 F005 D007
	h.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 7.51e-06 TBq, Fissile Excepted, LSA-II	1	DN	31	p	F002 F003 F005 D007
	i.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, OXIDE, AM241 H3 PU238 PU239 U234 U238, 8.00e-06 TBq, Fissile Excepted, LSA-II	1	DN	33	p	F002 F003 F005 D007
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. RS#1640 89619200				28f. RS#2198 88273700				
28b. RS#1640 89619400				28g. RS#2198 88273800				
28c. RS#1640 89619500				28h. RS#2198 88273900				
28d. RS#1640 89619600 89619700				28i. RS#2198 88274000				
28e. RS#2198 88273600				"Exclusive use Shipment"				
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: 162 28h. ERGNO: 162 28i. ERGNO: 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								

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02018	22. Page 5 6	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			
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.			25. US EPA ID Number TND987783065	M. State Generator's ID				
26. Transporter Company Name			27. US EPA ID Number	N. State Transporter's ID				
				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	R. Waste No.	
				No.	Type			
a.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239, 3.67e-05 TBq, Fissile Excepted, Radioactive White I		1	DN	47	p	F005
b.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239, 3.56e-05 TBq, Fissile Excepted, Radioactive White I		1	DN	68	p	F005
c.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239, 3.63e-05 TBq, Fissile Excepted, Radioactive White I		1	DN	51	p	F005
d.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239 U235 U238, 1.67e-05 TBq, Fissile Excepted, TI 0.0, Radioactive Yellow II		1	DN	34	p	F005
e.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239 U235 U238, 2.52e-05 TBq, Radioactive White I <i>Fissile Excepted</i>		1	DN	78	p	F005
f.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 CS137 MN54 PU239, 2.35e-06 TBq, Fissile Excepted, TI 0.1, Radioactive Yellow II		1	DF	40	p	D001 D007 D008
g.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 CS137 PU239, 2.74e-06 TBq, Fissile Excepted, TI 0.1, Radioactive Yellow II		1	DF	25	p	D001 D007 D008
h.	X	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239, 7.70e-06 TBq, TI 0.1, Radioactive Yellow II <i>Fissile Excepted</i>		1	DN	37	p	D001 D007 D008
i.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE)		25	DN	553	p	F002 F003
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. RS#1640 C00126529				28f. RS#2168 C00127738				
28b. RS#1640 C00126535				28g. RS#2168 C00127739				
28c. RS#1640 C00126536				28h. RS#2168 C00127740				
28d. RS#1640 C00127730				28i. RS#1640				
28e. RS#1640 C00127731				<i>SOL, HM1</i> <i>H050, H132</i>				
32. Special Handling Instructions and Additional Information								
EMERGENCY PHONE NO: (505) 667-6211								
28a. ERGNO: 163 28b. ERGNO: 163 28c. ERGNO: 163 28d. ERGNO: 163 28e. ERGNO: 163 28f. ERGNO: 163								
28g. ERGNO: 163 28h. ERGNO: 163 28i. 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								

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02018		22. Page 6		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		N. State Transporter's ID		O. Transporter's Phone 800-233-9933		P. State Transporter's ID		Q. Transporter's Phone			
26. Transporter Company Name		27. US EPA ID Number		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.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE, ACETONE)		1 DK		20		p		F002 F003	
b.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS 1,1,1-TRICHLOROETHANE)		3 DK		576		p		F002	
c.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS 1,1,1-TRICHLOROETHANE, CHLORINATED FLUOROCARBONS)		1 DK		79		p		F001	
d.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE, METHYL ETHYL KETONE)		1 DK		64		p		F002 F005	
e.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CHROMIUM, METHYL ETHYL KETONE)		1 DK		25		p		F002 F003 F005 D007	
f.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS METHYLENE CHLORIDE)		1 DK		24		p		F002 F003 F005 D007	
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
28a. RS#1640 900831						28f. RS#2198 88274100							
28b. RS#1850 C00127190 C00127202 C00127203						501, HMI							
28c. RS#1850 C00127193						H20, H132							
28d. RS#1850 C00127204													
28e. RS#2198 88274300													
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													
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													

GENERATOR

TRANSPORTER

FACILITY



**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.4(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
Los Alamos National Laboratory
Operator

3/28/02

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



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: March 28, 2002 ✓
Refer to: E/WMOSR:02-17

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

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

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.4(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 3.1.4 of the CPV was initiated on February 14, 2002 and completed on February 19, 2002. The waste was sent to Perma-Fix located in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 3.34 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W911	<i>Organic-Contaminated Combustible Solids</i>	1.22
3.1.4	LA-W919	<i>Organic-Contaminated Noncombustible Solids</i>	2.12
Total STP Volume Shipped			3.34

Documentation that waste was received at Perma-Fix 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) 665-0714 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, E-WMOSR, MS J552
E. Louderbough, LC-GL, MS A187
S. Moreno, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.4(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.4(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
Los Alamos National Laboratory
Operator

3/28/02

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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

May 22, 2002
RRES/WD:02-020

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT, ACTIVITIES 3.1.10 (B) and 3.2 (F) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.10 (B) and 3.2 (F) 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.

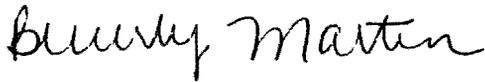
A shipment that included STP covered waste listed in Section 3.1.10 and Section 3.2 of the CPV was initiated on April 24, 2002, and completed on April 26, 2002. The waste was sent to Material and Energy Corporation (M&EC) located in Oak Ridge, Tennessee. The total volume of STP waste shipped to M&EC is 1.36 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W920	<i>Elemental Mercury</i>	1.36
3.1.4	LA-W925	<i>Mercury Wastes - TBD</i>	0.005
Total STP Volume Shipped			1.36

Documentation that waste was received at M&EC 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) 665-0714 or Dianne Wilburn at (505) 667-6952 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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-WD files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.10 (B) and 3.2 (F)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.10 (B) and 3.2 (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

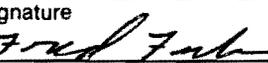
Beverly Martin
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

5/21/02

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02021	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U OF CA LAWL FOR US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name Hittman Transportation Serv. Inc		6. USEPA ID Number TND 987783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. USEPA ID Number		D. Transporter's Phone (800) 233-9933		
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830		10. USEPA ID Number TNRC000005397		E. State Transporter's ID		
				F. Transporter's Phone		
				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	1. Waste No.
a.	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Liquid, ELEMENTAL, AN241 CO60 CS137 H3 PU238 PU239 PU240 SR90, 5.07e-05 TBq, Radioactive White I, RQ(MERCURY)	1	DN	647	p	U151 D006 D009 D011
b.	WASTE MERCURY, 8, UN2809, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL	9	DN	3554	p	U151 D004 D009
c.	WASTE MERCURY, 8, UN2809, III	9	DN	4075	p	D009
d.						
J. Additional Descriptions for Materials Listed Above 11a. 91007625 } WP 010905 11b. 11c.				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 163 11b. ERGNO: 172 11c. ERGNO: 172 HNTF#: 02041703						
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 Faul N. Newberry			Signature 		Month Day Year 10/4/24/02	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name FRED FULSON			Signature 		Month Day Year 10/4/24/02	
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 Beth Reynolds			Signature 		Month Day Year 10/4/26/02	



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. Q2043	2. Page 1 of 1	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		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name Hittman Transportation Serv.		6. US EPA ID Number TND090783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (800) 233-9133		
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	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.	
a. WASTE MERCURY, 8, UN2809, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL		No. 1 Type DF	1	p	0009	
b. WASTE MERCURY, 8, UN2809, III		2 DF	163	p	0009	
c.						
d.						
J. Additional Descriptions for Materials Listed Above 11a. C02148030 11b. C02148029 C91024965 } WP 010905				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 172 11b. ERGNO: 172 HMTF#: 02041702						
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 <i>[Signature]</i>		Month Day Year 04/24/02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name FRED FULSON		Signature <i>[Signature]</i>		Month Day Year 04/24/02		
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 Beth Reynolds		Signature <i>[Signature]</i>		Month Day Year 04/26/02		





Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

June 6, 2002
RRES/WD:02-021



CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: NOTICE OF COMPLETION OF ON-SITE WASTE RECYCLING/REUSE
ACTIVITIES 3.1.9 (B) and 3.1.11 (B) IN THE COMPLIANCE PLAN VOLUME
(CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL
LABORATORY (LANL) Rev. 11.0**

Dear Mr. Will,

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 3.1.9(B) and 3.1.11 (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.

Part of the STP inventory includes aerosol cans, specifically LA-W907, LA-W908, and LA-W918. LANL made the decision to pursue an on-site recycling operation as a parallel preferred option. This letter is notification that this parallel option has been completed for 0.74 m³ of the inventory.

To empty the cans, LANL used a commercially-available can puncturing system equipped with a carbon filter for absorbing any organic vapors. Therefore, after using the can puncture system, the STP volume for 0.74 m³ of LA-W907, LA-W908, and LA-W918 has been re-cycled and will be deleted from the STP inventory. LANL will update the STP volumes for LA-W907, LA-W908, and LA-W918 in the next STP update, Rev 13.0, due on or before March 31, 2003, in accordance with the FFCO Section VII.

In accordance with 40 CFR 261.6(a)(3), aerosol cans destined for scrap metal recycling are not subject to regulation or notification requirements under the Resource Conservation and Recovery Act (RCRA).

Because the cans are predominantly steel (as opposed to non-ferrous metals such as aluminum), they are very amenable to recycling. The cans were shipped to a licensed Duratek facility in Bear Creek, Tennessee. The cans will be recycled using a metal melt system that takes in contaminated (radiologically) steel, melts it, pours it into molds, and makes steel shield blocks for use in the DOE Complex. The small amount of liquid drained from the cans during the puncturing process, has been managed appropriately as newly generated RCRA waste.

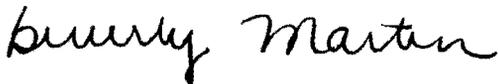
The table below provides the original STP volumes that have been re-cycled.

STP Section	MWIR Waste ID	Treatability Group	STP Volume (m ³)
3.1.9	LA-W918	<i>Compressed gases requiring oxidation</i>	0.53
3.1.11	LA-W907	<i>Halogenated organic liquids</i>	0.20
3.1.11	LA-W908	<i>Non-halogenated organic liquids</i>	0.0028
TOTAL			0.74

Documentation that waste was received at the Duratek 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 Dianne Williams Wilburn, dwwilburn@lanl.gov, 505-667-6952 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 Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

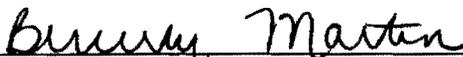
Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
E-WMOSR files

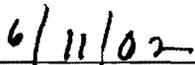
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.9 (B) and 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
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Waste Disposition Program
 P.O. Box 1663, Mail Stop J591
 Los Alamos, New Mexico 87545
 (505) 667-6952 / FAX: (505) 665-8118

Date: July 9, 2002
 Refer to: RRES-SA-2002-234

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
 Permits Manager
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park East, Bldg. 1
 Santa Fe, New Mexico 87505

SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT, ACTIVITY 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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 Section Section 3.2 of the CPV was initiated on June 4, 2002, and completed on June 5, 2002. The waste was sent to Waste Control Specialists, LLC, in Andrews County, Texas. The total volume of STP waste shipped to Waste Control Specialists is 0.27 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.2	LA-W925	Mercury Wastes - TBD	0.2648
3.2	LA-W933	Mercury Wastes - TBD	0.0005
Total STP Volume Shipped			0.27

Documentation that waste was received at Waste Control Specialist 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 (505) 667-6952 if you have any questions.

Sincerely,



Dianne Williams Wilburn
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 Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, **WMD**, AL
J. Nunz, **DOE**, LASO, MS A316
B. Martin, **RRES-DP**, MS J552
D. Wilburn, **RRES-SA**, MS J591
E. Louderbough, **LC-GL**, MS A187
R. Hahn, **FWO-SWO**, MS J595
A. Millensted, **FWO-SWO**, MS J595
C. Duy, **FWO-SWO**, MS J595
H. Wheeler-Benson, **FWO-SWO**, MS J595
J. White, **ESH-19**, MS K490
RRES-WD File

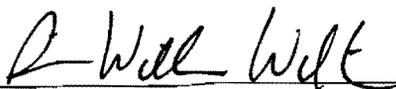
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

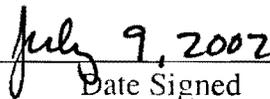
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087



TRK 237
TRA 21109A
02-00147-02-00208-#920

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. NM0890010515		Manifest Document No. 02049		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, MSJ595, Los Alamos, NM 87545		4. Generator's Phone (505) 665-6158		6. US EPA ID Number TWD987783065		7. Transporter 2 Company Name		8. US EPA ID Number			
5. Transporter 1 Company Name Hittman Transportation Services, Inc.		6. US EPA ID Number		7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714			
9. Designated Facility Name and Site Address WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714		10. US EPA ID Number TXD988088464		11A. HM		11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)		12. Containers No. Type			
X		a. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, SB124, 1.00e-09 TBq, LSA-II		1		CM		13. Total Quantity 75			
X		b. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, EU154 ZN65, 1.95e-09 TBq, LSA-II		1		DF		14. Unit Wt/Vol 2 P			
X		c. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, CS137 U(NAT), 5.92e-09 TBq, LSA-II		1		DF		4 P			
X		d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, U(NAT), 7.18e-10 TBq, LSA-II		1		DF		4 P			
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162		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, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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.		17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Date		18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Date		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 Signature Date	

#1920

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02049	22. Page 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		
24. Transporter <u>1</u> Company Name				M. State Generator's ID		
25. US EPA ID Number				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.
	HM	No.	Type			
a.	X	2	DF	3	P	0002 0001 OUTS 105 H
b.	X	1	DF	8	P	0001 OUTS 105 H
c.	X	2	DF	71	P	0002 OUTS 105 H
d.	X	1	DF	20	P	0002 0001 0003 OUTS 105 H
e.	X	2	DF	14	P	0002 OUTS 105 H
f.	X	1	DF	5	P	0002 0003 OUTS 105 H
g.	X	1	DF	96	P	0001 OUTS 105 H
h.	X	42	DF	1680	P	0003 OUTS 105 H
i.	X	1	DF	60	P	0002 OUTS 105 H
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
28a. C01100767 C01100214 WGM 019076 28b. C01100767 28c. C01100767 28d. C01100767 28e. C01100767 C02105096				28f. C01130376 28g. C02105753 28h. 28i. C02105752		
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211 28a. ERGNO: 154 28b. ERGNO: 154 28c. ERGNO: 154 28d. ERGNO: 154 28e. ERGNO: 154 28f. ERGNO: 154 28g. ERGNO: 154 28h. ERGNO: 157 28i. ERGNO: 157						
33. Transporter _____ Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name Kenneth E. Robinson				Signature <i>Kenneth E. Robinson</i>		Month Day Year 06/04/02
34. Transporter _____ Acknowledgement of Receipt of Materials					Date	
Printed/Typed Name				Signature		Month Day Year
35. Discrepancy Indication Space						

GENERATOR

TRANSPORTER

FOLLOW





Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 25, 2002
Refer to: RRES/SA-2002-243

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT MILESTONE, ACTIVITIES 3.1.3 (C), 3.1.4 (A), 3.1.5 (A), AND 3.2 (J) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activities set forth in the Federal Facility Compliance Order (FFCO) Activities 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."

Shipments that included STP covered waste listed in Sections 3.1.3, 3.1.4, 3.1.5, and 3.2 of the CPV were initiated on June 18, 2002, and completed on June 21, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.5960 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.3	LA-W906	<i>Aqueous Organic Liquids</i>	02070	0.3116
3.1.4	LA-W911	<i>Organic Combustible Solids</i>	02067	0.1136
3.1.5	LA-W922	<i>Non-combustible Debris</i>	02067	0.1324
3.2	LAW-W933	<i>Labpacks</i>	02067	0.0384
Total STP Volume Shipped				0.5960

July 23, 2002

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldon
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

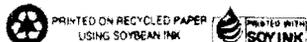
Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.3 (C), 3.1.4 (A), 3.1.5 (A), AND 3.2 (J)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02070	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 LAML for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number			
4. Generator's Phone (505) 665-6158				B. State Generator's ID			
5. Transporter 1 Company Name HITTMAN TRANSPORTATION SERVICES, INC		6. US EPA ID Number ND 987793065		C. State Transporter's ID			
7. Transporter 2 Company Name				D. Transporter's Phone			
8. US EPA ID Number				E. State Transporter's ID			
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				F. Transporter's Phone			
10. US EPA ID Number FLD980711071				G. State Facility's ID FLD980711071			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				H. Facility's Phone 352-373-6066			
HM		12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.		
a.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, H3 PU238 PU239 PU240 U234 U235 U238, 7.54e-06 TBq, Fissile Excepted, LSA-II	1	DF	175	p	D019 D022
b.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, U234 TH230 PU239 PU240 TH228 TH232 U235 U238 AM241 SR90, 9.93e-07 TBq, Fissile Excepted, LSA-II	1	DN	1	p	F001 F002 F003 F005 F007
c.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 CS137, 5.55e-07 TBq, LSA-II	1	DF	2	p	F002 F004 F005
d.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 CS134 PU238 PU239 PU240 U234 U235 U238, 6.45e-09 TBq, Fissile Excepted, LSA-II	1	DN	135	p	F002 D012 D013 D030 D031 D032
J. Additional Descriptions for Materials Listed Above *11c: C96071025 R52444 *11b: C97096198 R52437 *11c: C97097619 R52443 *11d: C98103479 R52436 *Exclusive use shipment.				K. Handling Codes for Wastes Listed Above SOL H141 A-HRSD C-HRSD B-HRSD D-HRSD			
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 HNTP#: 02061201							
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 10/6/18/02			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name 4/ys Bell		Signature 		Month Day Year 1/4/18/02			
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 Thomas A. Hannah		Signature 		Month Day Year 10/21/02			



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02067	2. Page 1 of 3	Information in the shaded areas is not required by the 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				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 406-233-4411		
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		E. State Facility's ID FLD980711071		
				F. Facility's Phone 352-373-6866		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. <input checked="" type="checkbox"/> WASTE TOLUENE SOLUTION, 3, UN1294, II				25	1	DF
b. <input checked="" type="checkbox"/> WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS ACETONE, METHANOL)				24, 26, 30, 31, 32, 34, 36	7	DN
c. <input checked="" type="checkbox"/> WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS HEXANE, HEXACHLOROBENZENE)				23	1	DF
d. <input checked="" type="checkbox"/> WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS HEXANE, HEXACHLOROBENZENE)				22	1	DN
J. Additional Descriptions for Materials Listed Above 11a. CO1143058 11b. SEE ATTACHED LIST OF PROFILE NOS. 11c. CO1141673 11d. CO1143650				K. Handling Codes for Wastes Listed Above S01, H141 A - H150 D - H150 B - H150 C - H150		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 130 11b. ERGNO: 133 11c. ERGNO: 133 11d. ERGNO: 133 RMTF#: 02061202						
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 06/18/02	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Wys Bell			Signature 		Month Day Year 06/18/02	
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 Thomas A. Hannah			Signature 		Month Day Year 06/21/02	



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02067	22. Page 2 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	
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.				25. US EPA ID Number TND987783065	M. State Generator's ID
26. Transporter Company Name				27. US EPA ID Number	N. State Transporter's ID
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total Quantity
				No.	31. Unit Wt/Vol
a. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS TOLUENE, METHYL ETHYL KETONE) <i>27, 29, 33, 35</i>				4	175
b. WASTE NITRATES, INORGANIC, N.O.S., 5.1, UN1477, II, (CONTAINS AMMONIUM HEXANITRATE CERATE) <i>9</i>				1	2
c. WASTE OXIDIZING LIQUID, CORROSIVE, N.O.S., 5.1, UN3098, II, (CONTAINS CHROMIUM TRIOXIDE, ACETIC ACID), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>8</i>				1	2
d. WASTE OXIDIZING LIQUID, N.O.S., 5.1, UN3139, II, (CONTAINS NITRATE), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>21</i>				1	1
e. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AM241 C060 CS137, 3.04e-05 TBq, LSA-II <i>12</i>				1	12
f. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AM241 C060 CS137, 5.84e-05 TBq, LSA-II <i>37</i>				1	100
g. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, PU239 AM241 PU238 U234 U235 U238 PB210 NP237 RA226 SR90, 6.65e-06 TBq, Fissile Excepted, LSA-II <i>46</i>				2	14
h. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 PU238 PU239 U235, 3.96e-06 TBq, Fissile Excepted, LSA-II <i>2</i>				1	6
i. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 PU238 PU239 U235, 3.87e-06 TBq, Fissile Excepted, LSA-II <i>7</i>				1	6
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
28a. CO1140737 CO1140738 CO1140739 CO1140740				28f. CO1143979*	
28b. CO1141348				28g. CO1139428 CO1139429	
28c. CO1143375				28h. CO1143052	
28d. CO1143751				28i. CO1143053	
28e. CO1143072				*Exclusive use equipment	
				Sol. HAZ E-H152 A-H152 B-H152 C-H152 D-H152	
32. Special Handling Instructions and Additional Information					
EMERGENCY PHONE NO: (505) 667-6211					
28a. ERGNO: 133 28b. ERGNO: 140 28c. ERGNO: 140 28d. ERGNO: 140 28e. ERGNO: 162 28f. ERGNO: 162					
28g. ERGNO: 162 28h. ERGNO: 162 28i. ERGNO: 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	
5. Discrepancy Indication Space					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02067	22. Page 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name U of CA LNL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number		
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.				M. State Generator's ID		
25. US EPA ID Number TND987783065				N. State Transporter's ID		
26. Transporter Company Name				O. Transporter's Phone 505-241-3733		
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	32. Waste No.	
		No.	Type			
a.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, H3, 7.70e-03 TBq <i>28</i>	1	DM	250	p	0001
b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 PU238 PU239, 7.14e-07 TBq, Fissile Excepted, LSA-II <i>20</i>	1	DF	1	p	0002 0003 0011
c.	WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, UN3264, II, (CONTAINS NITRIC ACID) <i>1</i>	1	DF	15	p	0004 0005 0006 0007 0011
d.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, II, (CONTAINS BARIUM, CHROMIUM) <i>19</i>	1	DM	200	p	0008 0009 0010
e.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM, CHROMIUM) <i>15</i>	1	DM	53	p	0011 0012 0013
f.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM, CHROMIUM) <i>18</i>	1	DM	50	p	0014 0015 0016
g.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CADMIUM, CHROMIUM) <i>14</i>	1	DM	116	p	0017 0018 0019 0020 0021 0022 0023 0024 0025 0026 0027 0028 0029 0030 0031 0032 0033 0034 0035 0036 0037 0038 0039 0040 0041 0042 0043 0044 0045 0046 0047 0048 0049 0050 0051 0052 0053 0054 0055 0056 0057 0058 0059 0060 0061 0062 0063 0064 0065 0066 0067 0068 0069 0070 0071 0072 0073 0074 0075 0076 0077 0078 0079 0080 0081 0082 0083 0084 0085 0086 0087 0088 0089 0090 0091 0092 0093 0094 0095 0096 0097 0098 0099 0100
h.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CADMIUM, LEAD) <i>17</i>	1	DF	30	p	0061 0062 0063 0064 0065 0066 0067 0068 0069 0070 0071 0072 0073 0074 0075 0076 0077 0078 0079 0080 0081 0082 0083 0084 0085 0086 0087 0088 0089 0090 0091 0092 0093 0094 0095 0096 0097 0098 0099 0100
i.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM) <i>10</i>	1	DF	2	p	0101 0102 0103 0104 0105 0106 0107 0108 0109 0110
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
200. C01143055 201. C01143056 202. C01143057 203. C01143058 204. C01143059 205. C01143060 206. C01143061 207. C01143062 208. C01143063 209. C01143064 210. C01143065 211. C01143066 212. C01143067 213. C01143068 214. C01143069 215. C01143070 216. C01143071 217. C01143072 218. C01143073 219. C01143074 220. C01143075 221. C01143076 222. C01143077 223. C01143078 224. C01143079 225. C01143080 226. C01143081 227. C01143082 228. C01143083 229. C01143084 230. C01143085 231. C01143086 232. C01143087 233. C01143088 234. C01143089 235. C01143090 236. C01143091 237. C01143092 238. C01143093 239. C01143094 240. C01143095 241. C01143096 242. C01143097 243. C01143098 244. C01143099 245. C01143100 246. C01143101 247. C01143102 248. C01143103 249. C01143104 250. C01143105 251. C01143106 252. C01143107 253. C01143108 254. C01143109 255. C01143110 256. C01143111 257. C01143112 258. C01143113 259. C01143114 260. C01143115 261. C01143116 262. C01143117 263. C01143118 264. C01143119 265. C01143120 266. 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Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: August 30, 2002
Refer to: RRES/SA-2002-282

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 MILESTONE, ACTIVITIES 3.1.11 (A) AND 3.1.5 (A) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 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."

Shipments that included STP covered waste listed in Sections 3.1.11 and 3.1.5 of the CPV were initiated on July 23, 2002, and completed on July 29, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 1.9330 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.11	LA-W909	Bulk Oils	02070	1.20
3.1.5	LA-W922	Non-combustible Debris	02067	0.74
Total STP Volume Shipped				1.94

Please note that 0.57 m3 of the LA-W909 waste and 0.21m3 of the LA-W922 waste will be added to Rev. 13.0 of the STP per an expedited shipment request sent to NMED on July 12, 2002, reference RRES-WD:02-23.

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldon
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

~~J. Orban, WMD, AL~~

J. Nunz, DOE, LASO, MS A316

B. Martin, RRES-DP, MS J552

D. Wilburn, RRES-SA, MS J591

E. Louderbough, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

A. Millensted, FWO-SWO, MS J595

C. Duy, FWO-SWO, MS J595

H. Wheeler-Benson, FWO-SWO, MS J595

J. White, ESH-19, MS K490

RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.11 (A) AND 3.1.5 (A)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

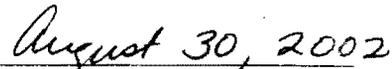
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.11 (A) AND 3.1.5 (A)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

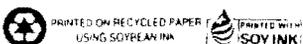


Date Signed

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

Date Signed

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02085		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 LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						A. State Manifest Document Number	
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		G. State Facility's ID	
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				10. US EPA ID Number FLD980711071		H. Facility's Phone 352-373-6066			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers	13. Total Quantity	14. Unit	1. Waste No.
						No.	Type	Wt/Vol	
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ACETONE, ISOPROPNOL)						1	DF	2	p D001
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ETHANOL, METHANOL)						1	DN	27	p F002 F003 F005 D001
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS ETHYL ACETATE)						1	DF	11	p F003 D001
d. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS ACETONE, METHYLENE CHLORIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL						1	DF	4	p F002 F003 F005 D001 Do10 De28
J. Additional Descriptions for Materials Listed Above 11a. C02148359 11b. C01140677 11c. C01140680 11d. C02147214 <i>SEE ATTACHED SPREADSHEET</i>						K. Handling Codes for Wastes Listed Above <i>ABC, D</i> <i>SOI/HMA/HWD</i>			
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 131 HNTPI: 02072302									
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 <i>[Signature]</i>		Month Day Year 10/23/02			
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name Robert D. Farmer				Signature <i>[Signature]</i>		Month Day Year 10/23/02			
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 Thomas A. Harvath				Signature <i>[Signature]</i>		Month Day Year 10/29/02			





Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 1, 2002
Refer to: RRES/SA-2002-288

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 MILESTONE,
ACTIVITY 3.1.5 (A) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE
TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.5(A) 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 Section 3.1.5 of the CPV was initiated on August 27, 2002, and completed on August 29, 2002. This shipment also included waste, which will be included in STP Rev 13.0, due to NMED by March 30, 2003. Please refer to correspondence RRES-WD:02-21 requesting expedited treatment dated July 17, 2002. The waste was sent to Envirocare of Utah, Inc., in Clive, Utah. The total volume of STP waste shipped to Envirocare is 0.84 cubic meters. 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)
3.1.5	LA-W922	Non-combustible Debris	02086	0.84
Total STP Volume Shipped				0.84

Documentation that waste was received at Envirocare 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldon
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.5 (A)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

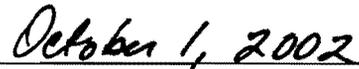
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.5 (A)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

U40049

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. NM0890010515	Manifest Document No. 02086	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.				
3. Generator's Name and Mailing Address U ST. CR LABEL FOR US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number					
4. Generator's Phone (505) 665-6158				B. State Generator's ID					
5. Transporter 1 Company Name HITKAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID					
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933					
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Tooele County, I-80, Exit 49, West of Salt Lake City Clive, UT 84029				E. State Transporter's ID					
10. US EPA ID Number UTD982598898				F. Transporter's Phone					
				G. State Facility's ID					
				H. Facility's Phone 435-884-0155					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers				
					No.				
					Type				
					13. Total Quantity				
					14. Unit Wt/Vol				
					1. Waste No.				
a.	X	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, (CONTAINS LEAD)			1	DN	286	p	0008
b.	X	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, (CONTAINS LEAD CADMIUM)			2	DN	703	p	0005 0008
c.	X	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			18	DN	5651	p	0005 0008
d.	X	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			2	DN	622	p	0008
J. Additional Descriptions for Materials Listed Above 11a. CO1145269 11b. CO1144016 CO1144017 11c. 11d. CO1144255 CO1144256 "Exclusive use shipment"					K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information "EMERGENCY PHONE NO: (505) 667-6211" 11a. ERGNO: 161 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 161					9004-01-M05127 HMT#; 02082001				
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 08/27/02	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name G. Hartless					Signature G. Hartless			Month Day Year 08/27/02	
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 J. Garza					Signature 			Month Day Year 08/29/02	

ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02086	22. Page 2	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				
24. Transporter Company Name HITTNAK TRANSPORTATION SERVICES, INC.				25. US EPA ID Number TND987783065	M. State Generator's ID			
26. Transporter Company Name				27. US EPA ID Number	N. State Transporter's ID			
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	O. Transporter's Phone			
				No.	Type	30. Total Quantity	31. Unit Wt/Vol	
a.	x	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910		1	DF	70	p	
b.	x	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AM241 CO60 CS137 NM54 PU238 PU239, 1.97e-05 TBq, Fissile Excepted, Radioactive White I, LSA-II		1	DN	170	p	
c.	x	WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Solid, ELEMENTAL, AM241 PU238 PU239 U235 U238, 2.24e-06 TBq, Fissile Excepted, TI 0.1, Radioactive Yellow II		1	DN	159	p	
d.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CADMIUM, LEAD)		15	DN	5177	p	
e.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, LEAD), BERYLLIUM		1	CN	1550	p	
f.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD)		6	DN	1868	p	
g.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS SILVER)		1	DN	400	p	
h.								
i.								
S. Additional Descriptions for Materials Listed Above				28f. 'Exclusive use Shipment'		T. Handling Codes for Wastes Listed Above		
28a. CO2144710				28g. CO2145331				
28b. CO2148015								
28c. CO1147674								
28d. CO1144955								
32. Special Handling Instructions and Additional Information								
'EMERGENCY PHONE NO: (505) 667-6211'								
28a. ERGNO: 161 28b. ERGNO: 162 28c. ERGNO: 163 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171								
28g. 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								



Waste Disposition Program
 P.O. Box 1663, Mail Stop J591
 Los Alamos, New Mexico 87545
 (505) 667-6952 / FAX: (505) 665-8118

Date: October 3, 2002
 Refer to: RRES/SA-2002-292

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
 Environmental Specialist
 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 MILESTONE, ACTIVITIES 3.1.7(A) and 3.2 (J) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.7 (A) and 3.2 (J) 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.*"

A shipment that included STP covered waste listed in Sections 3.1.7 and 3.2 of the CPV was initiated on August 26, 2002, and completed on August 30, 2002. The waste was sent to Material and Energy Corporation, in Oak Ridge, Tennessee. The total volume of STP waste shipped to Perma-Fix is 0.05 cubic meters. 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)
3.1.7	LA-W916	Water-Reactive Wastes	02102	0.0014
3.2	LA-W933	Lab Packs	02102	0.0493
Total STP Volume Shipped				0.05

Documentation that waste was received at Material and Energy Corporation 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldon
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-SA files

Ms. Sandra Gabaldón

4

August 30, 2002

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.7 (A) and 3.2 (J)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.7 (A) and 3.2 (J)
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.

Dianne Williams Wilburn

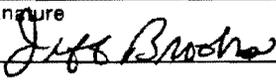
Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

October 3, 2002

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02102	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 CK LAB FOR OS DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number	
4. Generator's Phone (505) 665-6158				B. State Generator ID	
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone: 800-331-3113	
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		E. State Transporter ID	
				F. Transporter's Phone	
				G. State Facility ID	
				H. Facility Phone	865-475-3225
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	14. Unit Wt/Vol
		No.	Type		
a.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	40	p
b.	WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1925, II, (PETROLEUM DISTILLATES)	1	DN	10	p
c.	WASTE WATER-REACTIVE SOLID, N.O.S., 4.3, UN2813, I, (ZIRCONIUM PALLADIUM HYDRIDE)	1	DN	1	p
d.	WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (SILVER NITRATE, POTASSIUM NITRATE)	1	DN	12	p
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 128 11b. ERGNO: 133 11c. ERGNO: 138 11d. ERGNO: 140 HMT# 02082202				K. Handling Codes for Wastes Listed Above	
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 08 26 02	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name JEFF Brooks		Signature 		Month Day Year 08 26 02	
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 Beth Reynolds		Signature 		Month Day Year 08 30 02	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02102	22. Page 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			
24. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.				25. US EPA ID Number TND987783065	M. State Generator's ID		
26. Transporter Company Name				27. US EPA ID Number	N. State Transporter's ID		
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total Quantity		
				No.	Type		
					31. Unit Wt/Vol		
					Waste No.		
a.	x	WASTE OXIDIZING SOLID, TOXIC, H.O.S., 5.1, UN3087, II, (MERCURIC NITRATE, POTASSIUM NITRATE)	1	DN	33	p	
b.	x	TOXIC SOLID, INORGANIC, H.O.S., 6.1, UN3286, II, (AMMONIUM THIOCYANATE, BERYLLIUM OXIDE)	1	DN	2	p	
c.	x	WASTE TOXIC SOLID, INORGANIC, H.O.S., 6.1, UN3288, II, (VANADIUM PENTOXIDE, SILVER)	1	DN	22	p	
d.	x	WASTE TOXIC SOLID, INORGANIC, H.O.S., 6.1, UN3288, II, (LEAD PHOSPHATE, BARIUM ACETATE)	1	DN	5	p	
e.	x	WASTE TOXIC SOLIDS, INORGANIC, H.O.S., 6.1, UN3288, II, (POTASSIUM CYANIDE RESIDUE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	2	p	
f.	x	WASTE TOXIC SOLIDS, INORGANIC, H.O.S., 6.1, UN3288, II, (POTASSIUM CYANATE, BERYLLIUM FLUORIDE)	1	DN	1	p	
g.	x	WASTE TOXIC SOLIDS, ORGANIC, H.O.S., 6.1, UN2811, II, (ARSENIC, COPPER CYANIDE)	1	DN	2	p	
h.	x	WASTE VANADIUM PENTOXIDE, 6.1, UN2862, III	1	DN	2	p	
i.	x	WASTE VANADIUM PENTOXIDE, 6.1, UN2862, III	1	DN	1	p	
S. Additional Description for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. ERGNO: 141 28b. ERGNO: 151 28c. ERGNO: 151 28d. ERGNO: 151 28e. ERGNO: 151 28f. ERGNO: 151							
28g. ERGNO: 154 28h. ERGNO: 151 28i. ERGNO: 151							
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211*							
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							

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02102	22. Pages 3	Information in the shaded areas is not required by Federal law.
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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
24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.	M. State Generator's ID
25. US EPA ID Number TND987783065	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	32. Waste No.
	No.	Type			
a. WASTE ALUMINUM CHLORIDE, ANHYDROUS, 8, UN1726, II	1	DM	1	P	
b. WASTE CORROSIVE SOLID, ACIDIC, INORGANIC, H.O.S., 8, UN3268, III, (ALUMINUM CHLORIDE, AMMONIUM BIFLUORIDE)	1	DM	7	P	
c. WASTE CORROSIVE SOLIDS, BASIC, INORGANIC, H.O.S., 8, UN3262, II, (SODIUM HYDROXIDE, POTASSIUM HYDROXIDE)	1	DM	131	P	
d. WASTE CORROSIVE, SOLID, BASIC, INORGANIC, H.O.S., 8, UN3262, II, (AMMONIUM BIFLUORIDE, PHOSPHORUS PENTOXIDE)	1	DM	12	P	
e. WASTE ZIRCONIUM TETRACHLORIDE, 8, UN2503, III	1	DM	1	P	
f.					
g.					
h.					
i.					

S. Additional Descriptions for Materials Listed Above 28a. ERGNO: 137-13 052027005 28b. ERGNO: 137-13 052027637 28c. ERGNO: 137-13 052027640 28d. ERGNO: 137-13 052027638 28e. ERGNO: 137-13 052027639	T. Handling Codes for Wastes Listed Above
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32. Special Handling Instructions and Additional Information
 EMERGENCY PHONE NO: (505) 667-6211
 28a. ERGNO: 137 28b. ERGNO: 154 28c. ERGNO: 154 28d. ERGNO: 154 28e. ERGNO: 137

33. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name	Month Day Year
Signature	
34. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name	Month Day Year
Signature	

35. Discrepancy Indication Space

TRAFACILITY

STP Items on Manifest 02102

Item Number	Description
1016113	NAOH
1016117	NAOH
1016118	NAOH
1018056	ZIRCONIUM PALLADIUM DEUTERIDE
1018065	RIDOX OXYGEN SCAVENGER (4)
1018069	RIDOX OXYGEN SCAVENGER
1018070	ALUMINUM CHLORIDE
1021653	SILVERY METALLIC RIBBONS
1021702	ZRCL4 (2)
1022288	NAOH
1022913	ZIRCONIUM PALLADIUM HYDRIDE
1024378	XYLENE
1024381	TURPENTINE
1024382	ACETONE
1024384	PROPANOL
1024385	XYLENE
1024386	4 EA/ETHANOL
1025575	COPPER CYANIDE
2017674	VANADIUM PENTOXIDE INTENDED FOR USE AS COMBUSTION AID IN ANALYSIS FOR CARBON.
2038150	RESIDUE FROM POTASSIUM CYANIDE WASTE - TREATABILITY STUDIES
2038153	RESIDUE FROM POTASSIUM CYANIDE WASTE - TREATABILITY STUDIES
2050838	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050839	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050840	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050841	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050842	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050843	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050844	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050845	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)
2050846	POWDER PACKET (PAPER) OF LINAGRAPH FIXER (SPLIT FROM ITEM # 10708 BUT NOT INCLUDED IN ORIGINAL [SFE] STP COVERED VOLUME)

STP Items on Manifest 02102

Item Number	Description
9089	PHOSPHORUS PENTOXIDE
9571	VANADIUM PENTOXIDE
9960	ALUMINUM CHLORIDE
10708	LINAGRAPH FIXER (10) (SEE ALSO ITEM # 2050838-2050846 BUT STP ORIGINAL [SFE] COVERED VOL INCLUDED ONLY ONE ITEM. NOTE - CORRECT ITEM VOL PROBABLY 1 LITER)
10710	ALPHA SOLDER WIRE
10714	VANADIUM PENTOXIDE (2)
10790	POTASSIUM PERSULFATE (CMR-11)
10791	SILVER NITRATE (4)
10792	AMMONIUM NITRATE (2)
10793	ZIRCONIUM NITRATE
10795	MAGNESIUM NITRATE (2)
10796	POTASSIUM NITRATE
10798	POTASSIUM BROMATE
10800	SODIUM NITRATE (3)
10803	MAGNESIUM PERCHLORATE (3)
10804	POTASSIUM PERCHLORATE (2)
10805	CUPRIC PERCHLORATE
10807	CHROMERGE
10809	ZIRCONIUM DINITRATE OXIDE
10985	PHOSPHOROUS PENTOXIDE
10986	ALUMINUM CHLORIDE
11103	THREAD SEALING COMPOUND (CMR-35)
11187	STRONTIUM METAL ROD
11189	NAPHTHAL OXYANINE
11218	CHROMOSORB (2)
11253	PLIOBOND ADHESIVE
11843	SILVER CHLORIDE (1)
11844	LEAD PHOSPHATE
11845	BARIUM ACETATE
11851	LEAD MOLYBDATE
11883	POTASSIUM CYANATE
47160	3(2-ARSINOPHENYLAZO)-4,5 DIHYPROXY-2,7-NAPHTHALENE DISULFONIC ACID, DISODIUM SAL
47162	ERIO CHROME CYANINE RC (2)
47922	THIOACETAMIDE
47923	TETRAPHENYLARSONIUM CHLORIDE
47924	THIOUREA

120-663

MANIFEST 02102

Item ID

Volume

.050815252

MANIFEST 02102

	Item ID	Volume
	2050842	
NEW STP Code		
	2050843	
NEW STP Code		
	2050844	
NEW STP Code		
	2050845	
NEW STP Code		
	2050846	
NEW STP Code		
	11218	.000175084
NEW STP Code		
	11843	0.00018
NEW STP Code		
	11844	0.0005
NEW STP Code		
	11845	0.0003
NEW STP Code		
	11851	0.0003
NEW STP Code		
	11883	0.0005
NEW STP Code		
	2017674	0.001893
NEW STP Code		
	2038150	0.001
NEW STP Code		
	2038153	0.0007
NEW STP Code		
	1022288	0.0038
NEW STP Code		
	1022288	0.0038
NEW STP Code		
LA-W933		.0169529

MANIFEST 02102

LA-W933

	Item ID	Volume
NEW STP Code	1018065	0.0004732
NEW STP Code	1018069	0.00080444
NEW STP Code	1021702	0.0002
NEW STP Code	1021653	0.00005
NEW STP Code	47162	0.000009
NEW STP Code	LA-W933	
NEW STP Code	1025575	.000080444
NEW STP Code	LA-W933	
NEW STP Code	9089	0.00021294
NEW STP Code	9571	0.0002366
NEW STP Code	9960	0.001
NEW STP Code	10708	.000364364
NEW STP Code	10710	0.0002366
NEW STP Code	10714	.000137228
NEW STP Code	2050838	
NEW STP Code	2050839	
NEW STP Code	2050840	
NEW STP Code	2050841	

MANIFEST 02102

	Item ID	Volume
	47923	0.00025
NEW STP Code	LA-W933	
	47924	0.00025
NEW STP Code	LA-W933	
LA-W919		.000788
LA-W923		
	10790	0.00018928
NEW STP Code	LA-W933	
	10791	2.6499E-05
NEW STP Code	LA-W933	
	10792	.000269724
NEW STP Code	LA-W933	
	10793	.000028392
NEW STP Code	LA-W933	
	10795	0.00028392
NEW STP Code	LA-W933	
	10796	0.00024
NEW STP Code	LA-W933	
	10798	0.00014196
NEW STP Code	LA-W933	
	10800	2.0584E-05
NEW STP Code	LA-W933	
	10803	.000208208
NEW STP Code	LA-W933	
	10804	.000184548
NEW STP Code	LA-W933	
	10805	.000208208
NEW STP Code	LA-W933	
	10809	0.000013
NEW STP Code	LA-W933	
LA-W923		.001814323

MANIFEST 02102

	Item ID	Volume
LA-W913		.016
LA-W914		
	1016117	0.001
NEW STP Code	LA-W933	
	1016117	0.001
NEW STP Code	LA-W933	
LA-W914		.002
LA-W915		
	10807	.000312312
NEW STP Code		
LA-W915		.000312312
LA-W916		
	1018070	0.00075712
NEW STP Code		
	1018056	0.00005
NEW STP Code		
	1022913	0.000206
NEW STP Code		
	10985	.000194012
NEW STP Code		
	10986	0.00018928
NEW STP Code		
	11187	1.1357E-05
NEW STP Code		
LA-W916		.001407769
LA-W919		
	47160	0.000038
NEW STP Code	LA-W933	
	47922	0.00025
NEW STP Code	LA-W933	

MANIFEST 02102

	Item ID	Volume
LA-W908		
	1024378	0.0005
NEW STP Code	LA-W933	
	1024381	0.0005
NEW STP Code	LA-W933	
	1024382	0.0005
NEW STP Code	LA-W933	
	1024384	0.0038
NEW STP Code	LA-W933	
	1024385	0.0038
NEW STP Code	LA-W933	
	1024386	0.0019
NEW STP Code	LA-W933	
	11189	0.0000005
NEW STP Code	LA-W933	
LA-W908		.0110005
LA-W911		
	11103	0.0004732
NEW STP Code	LA-W933	
	11253	.000066248
NEW STP Code	LA-W933	
LA-W911		.000539448
LA-W913		
	1016113	0.004
NEW STP Code	LA-W933	
	1016118	0.004
NEW STP Code	LA-W933	
	1016113	0.004
NEW STP Code	LA-W933	
	1016118	0.004
NEW STP Code	LA-W933	

Summary By Manifest⁰²¹⁰²

Item ID Volume

Item ID	Volume
W908	
1024378	0.0005
1024381	0.0005
1024382	0.0005
1024384	0.0038
1024385	0.0038
1024386	0.0019
11189	0.0000095
LA-W908	.0110005

933

LA-W911	
11103	0.0004732
11253	0.00066248
LA-W911	.000539448

933

LA-W913	
1016113	0.004
1016118	0.004
1016113	0.004
1016118	0.004
LA-W913	.016

933

LA-W914	
1016117	0.001
1016117	0.001
LA-W914	.002

933

LA-W915	
10807	0.000312312
LA-W915	.000312312

OK

LA-W916	
1018070	0.00075712
1018056	0.00005
1022913	0.000206
10985	0.000194012
10986	0.00018928
11187	1.1357E-05
916	.001407769

OK

LA-W919	
47160	0.000038

Summary By Manifest⁰²¹⁰²

Item ID	Volume
47922	0.00025
47923	0.00025
47924	0.00025
LA-W919	.000788

933

LA-W919

LA-W923

10790	0.00018928
10791	2.6499E-05
10792	.000269724
10793	.000028392
10795	0.00028392
10796	0.00024
10798	0.00014196
10800	2.0584E-05
10803	.000208208
10804	.000184548
10805	.000208208
10809	0.000013
LA-W923	.001814323

933

LA-W923

LA-W933

1018065	0.0004732
1018069	0.00080444
1021702	0.0002
1021653	0.00005
47162	0.000009
1025575	.000080444
9089	0.00021294
9571	0.0002366
9960	0.001
10708	.000364364
10710	0.0002366
10714	.000137228
2050838	
2050839	
2050840	
2050841	
2050842	
2050843	

Summary By Manifest⁰²¹⁰²

Item ID	Volume
2050844	
2050845	
2050846	
11218	000175084
11843	0.00018
11844	0.0005
11845	0.0003
11851	0.0003
11883	0.0005
2017674	0.001893
2038150	0.001
2038153	0.0007
1022288	0.0038
1022288	0.0038
	0169529
	050815252

+ 0.0110005
 + 0.000539448
 + 0.016
 + 0.002
 + 0.000788
 + 0.001814

LA-W933

**FY01 Annual STP Update
Background Volume
10/03/02**

CPV Sec.	MWIR Waste ID and Treatability Group	CPV Vol. (m ³)	FY95 Changes Covered Waste (m ³) ^a	Explanation for FY95 Change	Covered Vol. End of FY95 (m ³)	FY96 Changes Covered Waste (m ³) ^b	Comments	Covered Vol. End of FY96 (m ³)	Projection FY97-FY01 (m ³)
				omitted from STP					
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.85	NC		1.85	Increased 0.15 Decreased 0.030 Decreased 0.32	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY95 Shipped for treatment in on-site treatability study during FY96	1.65	0.8
3.1.6	LA-W914 Corrosive Solutions	1.36	Increased 0.04	Inadvertently omitted from STP	1.40	Increased 0.08 Decreased 0.67	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY96	0.81	0.4
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.13	Decreased 0.0003 Increased 0.02	Treated in treatability study in FY95 Inadvertently omitted from STP	0.15	Increased 0.02 Decreased 0.0002 Decreased 0.0031	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY95 Shipped for treatment in on-site treatability study during FY96	0.17	0.1
3.1.7	LA-W916 Water-Reactive Wastes	6.03	Increased 0.02	Inadvertently omitted from STP	6.05	Increased 0.01	Waste that was newly generated in FY95 that became covered waste in FY96	6.06	0.05
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	NC		0.35	NC		0.35	0.0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.08	NC		0.08	Increased 0.01	Waste that was newly generated in FY95 that became covered waste in FY96	0.09	0.0
3.1.10	LA-W920 Elemental Mercury	0.50	NC		0.50	Increased 0.02	Waste that was newly generated in FY95 that became covered waste in FY96	0.52	0.1
3.2.1	LA-W907 Halogenated Organic Liquids	16.58	Increased 0.04	Inadvertently omitted from STP	16.62	Increased 0.45 Decreased 0.0025	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY96	17.07	2.3
3.2.1	LA-W908 Nonhalogenated Organic Liquids	14.34	Increased 0.08	Inadvertently omitted from STP	14.42	Increased 2.83	Waste that was newly generated in FY95 that became covered waste in FY96	17.25	14.2
3.2.1	LA-W909 Bulk Oils	3.75	NC		3.75	Increased 2.28	Waste that was newly generated in FY95 that became covered waste in FY96	6.03	11.4
3.2.1	LA-W910	0.74	NC		0.74	NC		0.74	0.0

Update

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Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m ³)	FY97 Changes in Covered Waste		Comments	3/98 Annual Update Volume (m ³)	Projection FY98-FY02 (m ³)
		Revision 5 (Other Changes) (m ³)	Revision 6 (3/98 FY97 Annual Update Changes) (m ³)			
912 Combustible Debris	14.10		Increased 0.32	Waste that was newly generated in FY96 that became covered waste in FY97	14.42	1.6
921 Ignited or Ignitable Soluble Lead	8.13		Increased 1.58 Decreased 0.89 Decreased 1.72	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97 Shipped off-site for recycle at commercial facility in FY97	7.10	7.9
922 Noncombustible ; ;	27.91		Increased 9.25 Decreased 2.915 Decreased 0.62	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97 Shipped for off-site treatment at commercial facility during FY97	33.63	46.2
913 Acid Wastes with Metals	1.65		Increased 1.02	Waste that was newly generated in FY96 that became covered waste in FY97	2.67	5.1
914 Inorganic Solutions	0.81		Increased 0.04	Waste that was newly generated in FY96 that became covered waste in FY97	0.85	0.2
915 Acid Cyanides, Chromates, Arsenates	0.17				0.17	0.0
916 Inorganic- Reactive Solids	6.06		Increased 0.68	Waste that was newly generated in FY96 that became covered waste in FY97	6.74	3.4
917 Inorganic Gases from Wet Scrubbing	0.35				0.35	0.0

TABLE B-1. SUMMARY TABLE
STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

CPV Section	Treatability Group	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
			Items	Volume (m ³)	Items	Volume (m ³)	Items	Volume (m ³)	Items	Volume (m ³)	Items	Volume (m ³)	Items	Volume (m ³)
		LA-W921-6	0	0.00	4	0.83 ¹								
					Increase 9	Increase 1.58					9	1.58		
3.15	Non-combustible Debris	LA-W922-0	41	5.62	Decrease 14	Decrease 2.915					27	2.71	34 35	7.09 7.30
		LA-W922-4	53	2.83							53	2.83		
		LA-W922-5	63	22.29	Decrease 3	Decrease 0.62					60	21.67		
		LA-W922-6	0	0.00	Increase 51	Increase 9.25					51	9.25	191	36.46
3.1.6	Aqueous Wastes with Heavy Metals	LA-W913-0	83	1.50							83	1.50		
		LA-W913-4	25	0.40							25	0.40		
		LA-W913-5	11	0.15							11	0.15		
		LA-W913-6	0	0.00	Increase 20	Increase 1.02					20	1.02	139	3.07
3.1.6	Corrosive Solutions	LA-W914-0	60	0.69							60	0.69		
		LA-W914-4	90	0.36							90	0.36		
		LA-W914-5	39	0.12							39	0.12		
		LA-W914-6	0	0.00	Increase 8	Increase 0.04					8	0.04	197	1.21
3.1.6	Aqueous Cyanides, Nitrates, Chromates, and Arsenates	LA-W915-0	9	0.13							9	0.13		
		LA-W915-4	3	0.002							3	0.002		
		LA-W915-5	11	0.04							11	0.04	23	0.17
3.1.7	Water-Reactive Wastes	LA-W916-0	78	6.03							78	6.03		
		LA-W916-4	26	0.31							26	0.31		
		LA-W916-5	4	0.03							4	0.03		
		LA-W916-6	0	0.00	Increase 5	Increase 0.68					5	0.68	113	7.05
3.1.8		LA-W917-0	13	0.35							13	0.35		

FY01 Annual STP Update
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10/03/02

Table 2.1-2. FY98 MLLW Inventory Detailed Update by Treatability Group.

CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/98 Annual Update (m ³)	Revision 7.0 (m ³)	Proposed Revision 9.0 (m ³)	Comments	FY98 Annual Update (m ³)	Projection FY99-FY03 (m ³)
3.1.1	LA-W901 IPA Wastes	0.00	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.55*	0.45			0.45	0.00
3.1.2	LA-W905 ER Soils	0.00	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	15.70	16.06	(2.91) (3.92) 0.02 0.001	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	9.25	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	35.39	36.07	(3.54) (0.0001) 0.64 0.12	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	33.29	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	26.93	27.31	(6.45) 1.59	Shipped off-site for treatment Newly generated	22.45	0.00
3.1.5	LA-W912 Combustible Debris	14.42	15.17	(0.00005)	Shipped off-site for treatment	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	7.10	7.30	(0.21)** (0.32) 0.11	On-site Lead Decon Transferred to LA-W910 Administrative adjustments	6.88	0.00
3.1.5	LA-W922 Noncombustible Debris	33.63	36.46	(2.02) (0.008) 5.40 0.63	Treatability Study Treatability Study Newly generated Administrative adjustments	40.46	0.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	2.67	3.07	(0.004) 1.33	Shipped off-site for treatment Newly generated	4.40	0.00
3.1.6	LA-W914 Corrosive Solutions	0.85	1.21	(0.00003) 0.01 0.006	Treatability Study Newly generated Administrative adjustments	1.23	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.17	0.17	(0.14) 0.91	Treatability Study Newly generated	0.94	0.00
3.1.7	LA-W916 Water-Reactive Wastes	6.74	7.05	(5.70) (0.22) 0.05 0.42 (0.11)	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments Transferred to LA-W908	1.49	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	0.63	(0.28)	Treatability Study	0.35	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.09	1.78	(0.05) 0.006	Treatability Study Administrative adjustments	1.74	0.00
3.1.10	LA-W920 Elemental Mercury	0.64	0.66	(0.02) 0.002	Treatability Study Newly generated	0.64	0.00
3.1.11	LA-W907 Halogenated Organic Liquids	17.21	18.30	(4.97) (6.94) 0.02 0.21	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	6.62	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.82	20.22	(1.87) (1.65) (0.71) (0.001)	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Treatability Study	16.56	0.00

**FY01 Annual STP Update
Background Volume
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(1) FY99 MLLW Inventory Detailed Update by Treatability Group.

CPV Sec	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m ³)	Proposed Revision 10.0 (m ³)	Comments	FY99 Annual Update (m ³)	Projection FY99-FY03 (m ³)
3.1.1	LA-W901 IPA Wastes	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.45	(0.45) 0.68	Shipped off-site for treatment Newly generated	0.68	0.00
3.1.2	LA-W905 ER Soils	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	9.25	(0.01) (1.09) (0.15) (2.18) (2.74) (0.95) (0.01) (0.0005) 0.34	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	2.46	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.29	(0.75) (0.004) (0.01) (0.001) (0.006) 0.75	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	33.27	3.20
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	22.45	(2.44) (0.95) (0.42) 4.92	Shipped off-site for treatment Shipped off-site for treatment SSD Project Newly generated	23.56	7.95
3.1.5	LA-W912 Combustible Debris	15.17	(0.003) 0.11 (0.11)	SSD Project Newly generated Transfer to LA-W916	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	6.88	(0.63) (0.23) (0.23) (2.6) 0.63	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling Newly generated	3.82	0.00
3.1.5	LA-W922 Noncombustible Debris	40.46	(5.49) (4.79) (0.64) (0.11) (1.21) (1.003) (3.45) (2.75) (3.05) (0.0009) (0.21) (0.009) 2.25	Shipped off-site for treatment Shipped off-site for recycling SSD Project Transfer to Missing Transfer to LA-W917 Newly generated	20.00	27.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	4.40	(0.14) 0.98	SSD Project Newly generated	5.24	6.65
3.1.6	LA-W914 Corrosive Solutions	1.23	(0.008) (0.006) 0.03	SSD Project SSD Project Newly generated	1.25	0.05
3.1.6	LA-W915 Aqueous Cyanides.	0.94	0.0007	Newly generated	0.94	4.55

FY01 Annual STP Update
Background Volume
10/03/02

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m ³)	Proposed Revision 10.0 (m ³)	FY99 Annual Update (m ³)	FINAL Revision 10.0 (m ³)	Totals after FINAL Rev.10
			0.03			
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.0007	0.94	0.00004	0.94
3.1.7	LA-W916 Water-Reactive Wastes	1.49	(0.0004) 0.52	2.01	0.34	2.35
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	(0.07) 0.009 0.01	0.30		0.30
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.74	(0.03) (0.02) (0.005) 0.04	1.73		1.73
3.1.10	LA-W920 Elemental Mercury	0.64	0.006	0.65		0.65
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	(3.21) (0.004) (0.72) (0.25) (0.99) (0.0005) 0.007	1.45	0.59 (0.59) 0.02 (0.2)	1.45
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	(4.89) (0.56) (1.94) (0.99) (0.0005) (0.49) (0.5) (0.06) 0.49	7.62	0.11 (0.11)	7.62
3.1.11	LA-W909 Bulk Oils	5.15	(0.001) (0.83) 0.84	5.16	0.28 (0.28) 0.38	5.54
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	0.0003	3.19		3.19

**FY01 Annual STP Update
Background Volume
10/03/02**

CPV Sec	MWIR Waste ID and Treatability Group/ Category	FY99 Annual Update (m ³)	Proposed Revision 10.0 (m ³)	Proposed Revision 11.0 (m ³)	Comments	FY00 Annual Update (m ³)	Projection FY00-FY04 (m ³)
				(0.11) (0.23) (0.002)	Shipped to DSSI 6/27/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment		
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.94	(0.002) (0.48)	Shipped to Perma-Fix 9/14/00 Administrative Adjustment	0.46	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.12	2.35	(0.00) 0.11 0.0005	Shipped to ATG 7/26/00 Administrative Adjustment Newly Generated	2.44	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	1.73			1.73	0.00
3.1.10	LA-W920 Elemental Mercury	0.65	0.65	(0.21) (0.002) (0.05)	Shipped to ATG 7/26/00 Shipped to BNL 9/25/00 Shipped to BNL 9/25/00	0.39	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	1.45	(0.60) (0.08) (0.02) (0.0001) (0.02) 0.02 (0.02)	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Administrative Adjustment Administrative Adjustment	0.73	0.1
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	7.62	(0.46) (0.005) (0.04) (0.34) (0.08) (0.11) (0.05) (0.12) (0.90) 0.11	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment	5.62	0.00
3.1.11	LA-W909 Bulk Oils	5.15	5.54	(1.11) (0.40) (0.25) (0.83) (0.62) 0.25 0.21	Shipped to DSSI 12/17/99 Shipped to DSSI 3/28/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Administrative Adjustment Newly Generated	2.79	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	3.19	(0.06) 0.02 0.81	Shipped to DSSI 3/28/00 Newly generated Administrative Adjustment	3.96	0.5
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	1.32	(0.0007)	Shipped to Perma-Fix 9/14/00	1.32	0.00
3.2	LA-W924 Lead Wastes - TBD	18.86	13.11	(8.52) 0.66	Shipped to GTS 9/19/00 Newly Generated	5.25	0.00
3.2	LA-W925 Mercury Wastes - TBD	6.42 2.61*	6.19 2.62	(0.01) (2.61)	Shipped to BNL 9/25/00 Administrative Adjustment	6.19	1.4
3.2	LA-W926 Compressed Gases - TBD	0.19	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment	12.71	8.55	(8.55)	Proposed for Deletion	0.00	0.00

**FY01 Annual STP Update
Background Volume**

03/13/02

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY00 Annual Update (m ³)	Proposed Revision 12.0 (m ³)	Comments	FY01 Annual Update (m ³)	Projection FY01-FY05 (m ³)
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	30.25	(8.52) (2.66) (1.38) (3.65) (1.92) 5.01	Shipped to ATG 10/31/00 Shipped to ATG 2/12/01 Shipped to DSSI 3/1/01 Shipped to Perma-Fix 7/31/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	17.13	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	23.56	(2.72) (1.27) (6.05) (0.85)	Shipped to WCS 7/30/01 Shipped to Perma-Fix 9/12/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	12.67	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00			0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	0.00	(0.21) 0.21 1.31	Shipped to WCS 6/25/01 Administrative Adjustment Newly Generated	1.31	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.60	(0.002) (1.42) (0.18)	Shipped to Envirocare 4/14/01 Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.62	(0.38) (0.24)	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.46	(0.92) 0.46	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.44	(0.00001) 0.25 0.0047	Shipped to WCS 5/7/01 Administrative Adjustment Newly Generated	2.69	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	0.21	Administrative Adjustment	1.94	0.00
3.1.10	LA-W920 Elemental Mercury	0.39	0.05	Administrative Adjustment	0.44	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	0.73	(0.55)	Administrative Adjustment	0.18	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	5.62	(0.19) (4.49)	Shipped to Perma-Fix 7/31/01 Administrative Adjustment	0.94	0.00
3.1.11	LA-W909 Bulk Oils	2.79	0.36 (1.07)	Newly Generated Administrative Adjustment	2.08	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.96	1.85	Administrative Adjustment	5.81	2.0
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.32	(0.08)	Administrative Adjustment	1.24	0.00
3.2	LA-W924 Lead Wastes - TBD	5.25	(3.06) (1.51)	Shipped to GTS 12/12/00 Shipped to Envirocare 12/12/00	0.68	0.00

permitted treatment facility for low-level radioactive and mixed waste. The facility installed six treatment processes and has the capability of treating organic and inorganic mixed waste to meet the LDR criteria. These processes include stabilization/solidification, chemical extraction, chemical fixation, metals precipitation, neutralization, and debris treatment. M&EC became operational in September 2001.

• **Waste Control Specialists LLC**

WCS LLC is a Pasadena, Texas-based environmental services firm that manages radioactive and hazardous waste. WCS operates a facility in Andrews County, Texas, that has received permits for the treatment, storage, and disposal of radioactive, hazardous and toxic waste. WCS performs stabilization of waste forms for the purpose of meeting LDR treatment standards. WCS also conducts waste compaction, consolidation, and repackaging activities. The current hazardous waste treatment capabilities include consolidation, repackaging, thermal desorption, and stabilization for a wide variety of RCRA and Toxic Substances Control Act (TSCA) wastes. The TSCA permit allows the direct disposal of PCB contaminated materials and/or treatment, if necessary.

Table 3.1-1 below is a summary of LANL's off-site shipments for treatment and/or disposal of covered MLLW in FY01. A total volume of 34.31 cubic meters of STP waste were shipped off-site for treatment and/or disposal.

TABLE 3.1-1: FY01 STP MLLW Off-Site Shipments for Treatment and/or Disposal

Date Shipped	Destination	MWIR #	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date NMED Notified	CPV Section
10/31/00	ATG	LA-W911	<i>Organic Combustible Solids</i>	8.52	20177	11/14/00	3.1.4
12/12/00	Envirocare	LA-W924	<i>Lead Wastes-TBD</i>	1.51	21102	12/20/00	3.2
		LA-W931	<i>Lead Requiring Sorting</i>	0.83			3.3.3
2/12/01	ATG	LA-W911	<i>Organic Combustible Solids</i>	2.66	1201	3/14/01	3.1.4
3/1/01	Perma-Fix	LA-W911	<i>Organic Combustible Solids</i>	1.38	1200	3/29/01	3.1.4
4/14/01	Envirocare	LA-W913	<i>Aqueous Waste with Heavy Metals</i>	0.002	1966	5/17/01	3.1.6
5/7/01	WCS	LA-W913	<i>Aqueous Waste with Heavy Metals</i>	1.42	11051	5/25/01	3.1.6
		LA-W914	<i>Corrosive Solutions</i>	0.38			3.1.6
		LA-W915	<i>Aqueous Waste with Heavy Metals</i>	0.92			3.1.6
		LA-W916	<i>Water-Reactive Wastes</i>	0.00001			3.1.7

MWIR Waste ID	Treatability Group	Volume (m ³)	Comments	CPV Section
LA-W911	<i>Organic-Contaminated Combustible Solids</i>	0.11	Transfer from LA-W907	3.1.4
LA-W911	<i>Organic-Contaminated Combustible Solids</i>	(0.0003)	Transfer to Missing/nonexistent/TBV	3.1.4
LA-W911	<i>Organic-Contaminated Combustible Solids</i>	(7.49)	Excess inventory reported	3.1.4
LA-W911	<i>Organic-Contaminated Combustible Solids</i>	13.46	Waste Returned from ATG	3.1.4
LA-W913	<i>Aqueous Wastes with Heavy Metals</i>	(0.02)	Transfer to LA-W916	3.1.6
LA-W913	<i>Aqueous Wastes with Heavy Metals</i>	(0.31)	Transfer to LA-W925	3.1.6
LA-W913	<i>Aqueous Wastes with Heavy Metals</i>	(0.07)	Transfer to LA-W933	3.1.6
LA-W913	<i>Aqueous Wastes with Heavy Metals</i>	(0.004)	Transfer to MTRU	3.1.6
LA-W913	<i>Aqueous Wastes with Heavy Metals</i>	0.22	Negative Inventory	3.1.6
LA-W914	<i>Corrosive Solutions</i>	(0.02)	Transfer to LA-W925	3.1.6
LA-W914	<i>Corrosive Solutions</i>	(0.15)	Transfer to LA-W933	3.1.6
LA-W914	<i>Corrosive Solutions</i>	(0.00024)	Transfer to MTRU	3.1.6
LA-W914	<i>Corrosive Solutions</i>	(0.07)	Excess inventory reported	3.1.6
LA-W915	<i>Aqueous Cyanides, Nitrates, Cromates, Arsenates</i>	(0.0006)	Transfer to LA-W925	3.1.6
LA-W915	<i>Aqueous Cyanides, Nitrates, Cromates, Arsenates</i>	(0.002)	Transfer to LA-W934	3.1.6
LA-W915	<i>Aqueous Cyanides, Nitrates, Cromates, Arsenates</i>	0.47	Negative Inventory	3.1.6
LA-W916	<i>Water-Reactive Waste</i>	0.02	Transfer from LA-W913	3.1.7
LA-W916	<i>Water-Reactive Waste</i>	0.21	Transfer from LA-W908	3.1.7
LA-W916	<i>Water-Reactive Waste</i>	0.0012	Transfer from LA-W923	3.1.7
LA-W916	<i>Water-Reactive Waste</i>	0.02	Transfer from LA-W919	3.1.7
LA-W918	<i>Compressed Gas Requiring Oxidation</i>	0.21	Transfer from LA-W907	3.1.9
LA-W918	<i>Compressed Gas Requiring Oxidation</i>	0.0028	Transfer from LA-W908	3.1.9
LA-W919	<i>Organic-Contaminated Noncombustible Solids</i>	(0.55)	Transfer to LA-W910	3.1.4



Waste Disposition Program
 P.O. Box 1663, Mail Stop J591
 Los Alamos, New Mexico 87545
 (505) 667-6952 / FAX: (505) 665-8118

Date: October 3, 2002
 Refer to: RRES/SA-2002-289

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
 Environmental Specialist
 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 MILESTONE,
 ACTIVITIES 3.1.9 (A) and 3.2 (J) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE
 TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.9 (A), and 3.2 (J) 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.”*

A shipment that included STP covered waste listed in Sections 3.1.9 and 3.2 of the CPV was initiated on August 26, 2002, and completed on August 29, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.27 cubic meters. 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)
3.1.9	LA-W918	Compressed Gases Requiring Oxidation	02093	0.0042
3.2	LA-W933	Lab Packs	02093	0.2623
Total STP Volume Shipped				0.27

August 30, 2002

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldon
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.9 (A) and 3.2 (J)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.9 (A) and 3.2 (J)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

10 / 3 / 2002

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

X-Sender: millensted@alvie-mail.lanl.gov
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Mon, 09 Sep 2002 12:43:39 -0600
To: dwwilburn@lanl.gov
From: Avril Millensted <millensted@lanl.gov>
Subject: Fwd: Re: STP volumes for Perma-Fix shipment on 8/26/02
X-RCPT-TO: <121975@empo.lanl.gov>

Date: Mon, 09 Sep 2002 11:27:59 -0600
To: Ken Oshel <koshel@lanl.gov>
From: Avril Millensted <millensted@lanl.gov>
Subject: Re: STP volumes for Perma-Fix shipment on 8/26/02

Diane

Here is the Perm shipment LA-W groups for first shipment.
Call me

Avril

At 09:54 AM 9/6/2002 -0600, you wrote:

Avril,

This shipment had 5 LA-W's, the information is as follows:

LA-W907	.0001 m3	3.1.11 (A)
LA-W908	.001035 m3	3.1.11 (A)
LA-W918	.004185 m3	3.1.9 (A)
LA-W923	.00091 m3	3.1.11 (A)
LA-W933	.260279 m3	3.2 (J)

The manifest number was 02093 and the total for the shipment was .260279 m3.
This information was provided by a query run by Tim Sloan. The two items for LA-W
918 were metal cans and went to Perma-Fix under the acceptance RS 2553.

Ken Oshel

STP Items on Manifest 02093

Item Number	Description
267	SODIUM NITRATE LA-W933
4670	THREAD LUBRICANT
6902	CADMIUM OXIDE
6904	TUNGSTEN DISELENIDE POWDER
6905	SOLDER (4)
6906	NEAT PALE WIRE SOLDER (2)
6907	ACID CORE SOLDER
6908	SWIFT SOLDER PASTE
6909	CADMIUM METAL
6912	CADMIUM METAL
6913	SOLDERING PASTE
6916	CHROMALOY FLUX
6949	SILVER CHLORIDE
6950	SILVER PREPARATION
6951	SILVER FLUX (3)
6952	SILVER FLUX
9091	ENAMEL CLEANER & POLISH (WRV-8)
9093	THREE IN ONE HOUSEHOLD OIL
9096	SELENIUM SELENITE/SELENATE
9097	SELENIUM SELENITE/SELENATE
9561	SILVER NITRATE (2)
9563	COBALT NITRATE
10633	CHROMIUM OXIDE (CR2O3)
10740	ROSIN CORE WIRE SOLDER
11410	TIN-LEAD SOLDER (2) (CMR-43)
11411	SOLDERING PASTE
11412	BARIUM CHLORANILATE
11413	BARIUM/COPPER ALLOY
11414	SELENIUM POWDER
30109	SILVER VANADATE
30110	SILVER VANADATE
30111	SILVER VANADATE
30121	SILVER OXIDE, SILVER TUNGSTATE ON CHROMOSORB
30122	SILVER OXIDE, SILVER TUNGSTATE ON CHROMOSORB
47944	CHROMIUM (VI) OXIDE (2)
48617	NEUTRALIZED SPILL WASTE FROM 9-LITER BOTTLE W/CLEAR LIQUID (SEE WPF 10125)
48618	NEUTRALIZED SPILL WASTE FROM 9-LITER BOTTLE W/CLEAR LIQUID (SEE WPF 10125)
48619	NEUTRALIZED SPILL WASTE FROM 9-LITER BOTTLE W/CLEAR LIQUID (SEE WPF 10125)

Summary By Manifest⁰²⁰⁹³

~~W907~~
933

LA-W907

~~LA-W908~~

933

LA-W908

LA-W918

LA-W918

~~LA-W923~~

LA 933

LA-W923

~~W933~~

Item ID	Volume
1000672	0.0001
	0.0001
9091	0.00094635
9093	0.00088725
	0.01035075
1026572	0.0004
1035036	0.003785
	0.004185
1008933	0.0002
9561	0.0002366
9563	0.0004732
	0.0009098
1032497	0.09
267	0.0005
47944	0.00014
1015298	0.0005
1040343	0.053
1000669	0.0005
1000514	0.000005
1000516	0.000005
1000517	0.00002
1000998	0.000005
1007558	0.000005
1018323	0.000005
1008934	0.0005
1022262	0.0001
1023619	0.0002
2152869	0.002
4670	0.00088725
2058637	0
2058638	0
6902	0.00056784

Summary By Manifest⁰²⁰⁹³

Item ID	Volume
2000363	0.0001
2017693	0.000473
2020906	0.000379
2019002	0.000379
2020905	0.000568
2019505	0.0003
2019511	0.0005
2053727	0
LA-W933	.260278844
	.266508719

+ 0.0001 + 0.001035075
 + 0.0009098+

MANIFEST 02093

	Item ID	Volume
LA-W907		
	1000672	0.0001
NEW STP Code	LA-W933	
LA-W907		.0001
LA-W908		
	9091	0.00094635
NEW STP Code	LA-W933	
	9093	.000088725
NEW STP Code	LA-W933	
LA-W908		.001035075
LA-W918		
	1026572	0.0004
NEW STP Code		
	1035036	0.003785
NEW STP Code		
LA-W918		.004185
LA-W923		
	1008933	0.0002
NEW STP Code	LA-W933	
	9561	0.0002366
NEW STP Code	LA-W933	
	9563	0.0004732
NEW STP Code	LA-W933	
LA-W923		.0009098

MANIFEST 02093

	Item ID	Volume
	4670	.000088725
NEW STP Code		
	2058637	0
NEW STP Code		
	2058638	0
NEW STP Code		
	6902	.000056784
NEW STP Code		
	6904	0.00009464
NEW STP Code		
	6905	.000004732
NEW STP Code		
	6906	0.00004732
NEW STP Code		
	6907	0.0004732
NEW STP Code		
	6908	0.00009464
NEW STP Code		
	6909	0.0005
NEW STP Code		
	6912	0.0002
NEW STP Code		
	6913	1.0884E-05
NEW STP Code		
	6916	0.0004732
NEW STP Code		
	6949	0.0001183
NEW STP Code		
	6950	.000029575
NEW STP Code		
	6951	0.0014196
NEW STP Code		
	6952	.000033124
NEW STP Code		

MANIFEST 02093

	Item ID	Volume
	48622	0.001
NEW STP Code		
	2000354	0.000118
NEW STP Code		
	2000355	0.000015
NEW STP Code		
	2000356	0.00025
NEW STP Code		
	2000357	0.0001
NEW STP Code		
	2000358	0.003785
NEW STP Code		
	2000359	0.0001
NEW STP Code		
	2000362	0.0005
NEW STP Code		
	2000363	0.0001
NEW STP Code		
	2017693	0.000473
NEW STP Code		
	2020906	0.000379
NEW STP Code		
	2019002	0.000379
NEW STP Code		
	2020905	0.000568
NEW STP Code		
	2019505	0.0003
NEW STP Code		
	2019511	0.0005
NEW STP Code		
	2053727	0
NEW STP Code		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02093	22. Page 4	Information in the shaded areas is not required by Federal law.
23. Generator's Name U of CA LAMU for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number	
24. Transporter Company Name HITTAN TRANSPORTATION SERVICES, INC.				M. State Generator's ID	
25. US EPA ID Number FND987783065				N. State Transporter's ID	
26. Transporter Company Name				O. Transporter's Phone	
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	
	HM		29. Containers No.	30. Total Quantity	31. Unit Wt/Vol
a.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (0000) 19	1	DN	7 p
b.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III 118	1	DN	2 p
c.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CHROMIUM, BARIUM) 113	1	DN	1 p
d.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III 124	1	DF	2 p
e.	x	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BENZENE, LEAD) 115	1	DN	1 p
f.	x	WASTE SULFUR, 9, NA1350, III 111	1	DN	1 p
g.					
h.					
i.					
E. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
28a. ERGNO: 171 28b. ERGNO: 171 28c. ERGNO: 171 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 133 28g. ERGNO: 171 28h. ERGNO: 171 28i. ERGNO: 171				301. H14 d- H13L A- H13L e- H13D B- H13L f- H13D C- H13D g- H13L	
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: 133					
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					

GENERATOR TRANSPORTOR FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02093	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 505 665-6158				A. State Manifest Document Number			
4. Generator's Phone ()				B. State Generator's ID			
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone	409-234-1133		
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility's ID FLD980711071			
				H. Facility's Phone 352-473-6088			
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
			No.	Type			
	a.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS STODDARD SOLVENT)	1	DF	1	p	0001
	b.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III	1	DN	5	p	0001
	c.	WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II	1	DN	9	p	0001-0003
d.	WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (SILVER NITRATE, COBALT NITRATE)	1	DN	2	p	0001-0013	
15. Special Handling Instructions and Additional Information "EMERGENCY PHONE NO: (505) 667-6211" 11a. ERGNO: 128 11b. ERGNO: 154 11c. ERGNO: 140 11d. ERGNO: 140				K. Handling Codes for Wastes Listed Above S01, H144 P-HSD O-H32 P-HSD O-H32			
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. Newberg		Signature <i>[Signature]</i>		Month Day Year 10/26/02			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name JEFF BROOKS		Signature <i>[Signature]</i>		Month Day Year 10/24/02			
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 Thomas A. Hannah		Signature <i>[Signature]</i>		Month Day Year 08/29/02			



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02093	22. Page 4	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	
24. Transporter Company Name HITMAN TRANSPORTATION SERVICES, INC.				M. State Generator's ID	
25. US EPA ID Number FND987783065				N. State Transporter's ID 492-133-1033	
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
			No.	Type	31. Unit W/Vol
a.	X	WASTE OXIDIZING SOLID, TOXIC, H.O.S., 5.1, UN3087, II, (POTASSIUM CHLOROCHROMATE) +27	1	DN	1 P
b.	X	WASTE ARSENIC MIXTURE, 5.1, UN1558, II +26	1	DF	1 P
c.	X	WASTE SELENIUM COMPOUNDS, H.O.S., 6.1, UN3283, II, (SODIUM SELENITE, SODIUM SELENATE) +5	1	DN	1 P
d.	X	WASTE TOXIC SOLID, INORGANIC, H.O.S., 6.1, UN3288, II, (SELENIUM, BARIUM ALLOY) +4	1	DN	2 P
e.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, H.O.S., 7, UN2912, FISSILE EXCEPTED, Solid, H3 PU238 PU239 U236 U235 U238, 7.57e-08 TBq +6	1	DN	3 P
f.	X	HAZARDOUS WASTE SOLIDS, H.O.S., 9, NA3077, III +7	1	DN	1 P
g.	X	HAZARDOUS WASTE, LIQUID, H.O.S., 9, NA3082, III, (SILVER) +25	1	DN	1 P
h.	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (CADMIUM) +22	1	DN	1 P
i.	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (CHROMIUM, LEAD) +23	1	DN	1 P
S. Additional Conditions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
240.01 2541 C95062191 240.01 2540 C95062191 240.01 2542 C95062191 240.01 2543 C95062191 240.01 2544 C95062191			28c. ER 2540 909547 28g. ER 2540 C91029305 28h. ER 2541 C95054710 28i. ER 2529 C95062191		S01, H14 H12
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 141 28b. ERGNO: 152 28c. ERGNO: 151 28d. ERGNO: 151 28e. ERGNO: 162 28f. ERGNO: 171 28g. ERGNO: 171 28h. ERGNO: 171 28i. 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					



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02093	22. Page 4	Information in the shaded areas is not required by Federal law.
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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 FND987783065	N. State Transporter's ID
		O. Transporter's Phone

26. Transporter Company Name	27. US EPA ID Number	P. State Transporter's ID
		Q. Transporter's Phone

a.	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Wt/Vol	Waste ID
			No.	Type			
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III <i>112</i>	1	DN	126	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III <i>#17</i>	1	DN	47	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (LEAD, ARSENIC) <i>#21</i>	1	DN	8	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, (CHROMIUM) <i>#19</i>	1	DN	1	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (CHROMIUM, SELENIUM), RQ(D007, D010) <i>#3</i>	1	DN	160	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (CHROMIUM, SELENIUM), RQ(D007, D010) <i>#10</i>	1	DN	48	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (D004, D008) <i>#14</i>	1	DN	1	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III <i>#8</i>	1	DN	1	p	
	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III <i>#20</i>	1	DN	20	p	

6. Additional Descriptions for Materials Listed Above 28f. RG 2545 C95046284 28g. RG 2545 C95046318 28h. RG 2548 C93038612 28i. RG 2550 07130300	7. Handling Codes for Wastes Listed Above SOL, H141 A-H32 bc, d, e, f, g, h, i - H32
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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	Date
Printed/Typed Name	Month Day Year
Signature	
34. Transporter Acknowledgement of Receipt of Materials	
Printed/Typed Name	Month Day Year
Signature	

35. Discrepancy Indication Space

GENERATOR



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 30, 2002 ✓
Refer to: RRES/SA-2002-304

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 MILESTONE,
ACTIVITY and 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE
TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 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."*

A shipment that included STP covered waste listed in Section 3.2 of the CPV was initiated on September 26, 2002, and completed on September 30, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.27 cubic meters. 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)
3.2	LA-W933	Lab Packs	02094	0.96
Total STP Volume Shipped				0.96

August 30, 2002

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, ESH-19, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(K)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

10/29/2002

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMO890010515	Manifest Document No. 02094	2. Page 1 of 4	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545 595, 665-6158			A. State Manifest Document Number		
4. Generator's Phone			B. State Generator's ID		
5. Transporter 1 Company Name HILTRAN TRANSPORTATION SERVICES, INC.		8. US EPA ID Number TND987783065		C. State Transporter's ID	
7. Transporter 2 Company Name		8. US EPA ID Number		D. State Transporter's ID	
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653			10. US EPA ID Number FLD980711071		

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. z WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3, UN2524, II, (HEXAFLUOROACETYL ACETONE)	1	DF	1	p
b. x WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (PETROLIUM DISTILLATES)	1	DN	55	p
c. z WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (SILVER PAINT)	1	DN	2	p
d. x WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, III	1	DN	5	p

Additional Descriptions of Materials (If Applicable) and Additional Codes for Waste (If Applicable)

15. Special Handling Instructions and Additional Information
 'EMERGENCY PHONE NO: (505) 667-6211'
 11a. ERGNO: 132 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 128
 HMTS: 102092306

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.

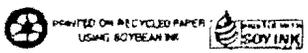
Printed/Typed Name: Paul N. Newby Signature: [Signature] Month Day Year: 09/26/02

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name: JERRY DOLLINGER Signature: [Signature] Month Day Year: 10/19/02

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

19. Discrepancy Indication Space
 RECEIVED OCT 02 2002

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. Hannah Signature: [Signature] Month Day Year: 10/19/02



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02094	22. Page 4	Information in the shaded areas is not required by Federal law.
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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 ID

24. Transporter Company Name HITTMAN TRANSPORTATION SERVICES, INC.	25. US EPA ID Number TND987783065	N. State Transporter ID
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26. Transporter Company Name	27. US EPA ID Number	O. 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	32. Other
	No.	Type			
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (ACETONE, MINERAL SPIRITS)	1	DM	20	p	
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (ACETONE, XYLENE)	1	DM	24	p	
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS STODDARD SOLVENT), LIMITED QUANTITY-RADIOACTIVE MATERIAL	4	DM	168	p	
d. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (BRIANE, FUEL OIL)	1	DM	21	p	
e. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (RESINS, HARDENERS)	1	DM	30	p	
f. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (TOLUENE, HEXADECANE)	1	DM	2	p	
g. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II	1	DM	107	p	
h. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (1-DODECANE, DIMETHYL FORMAMIDE)	1	DM	28	p	
i. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III	1	DM	15	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: 128 28b. ERGNO: 128 28c. ERGNO: 128 28d. ERGNO: 128 28e. ERGNO: 128 28f. ERGNO: 128
 28g. ERGNO: 128 28h. ERGNO: 128 28i. ERGNO: 128

33. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name JERRY DOLLINGER	Month Day Year 09 26 02
Signature <i>Jerry Dollinger</i>	
34. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name	Month Day Year
Signature	

35. Discrepancy/Indication Space

GENERATOR
TRANSPORTER
FACILITY

21 1743

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02094	22. Page 4	Information in the shaded areas is not required by Federal law.
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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 HITTMAN TRANSPORTATION SERVICES, INC.	25. US EPA ID Number TND987783065	N. State Transporter's ID	O. Transporter's Phone
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26. Transporter Company Name	27. US EPA ID Number	P. State Transporter's ID	Q. Transporter's Phone
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28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Wt/Vol	32. Hazard Class
	No.	Type			
a. WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II, (CONTAINS ETHANOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1	P	
b. WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II	1	DF	5	P	
c. WASTE FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S., 4.1, UN2926, II, (ACETONE, I, I, I-TRICHLOROETHANE)	1	DN	250	P	
d. WASTE FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S., 4.1, UN2926, II, (ACETONE, I, I, I-TRICHLOROETHANE)	1	DN	250	P	
e. WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., 4.1, UN1325, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	10	P	
f. WASTE OXIDIZING SOLID, CORROSIVE, N.O.S., 5.1, UN3085, II, (CHROMIUM TRIOXIDE, POTASSIUM DICHROMATE)	1	DN	6	P	
g. WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (CONTAINS SILVER NITRATE, FERRIC NITRATE)	1	DF	1	P	
h. WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (POTASSIUM DICHROMATE, POTASSIUM PERCHLORATE)	1	DN	1	P	
i. WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III	1	DN	4	P	

31. Additional Description of Materials Listed Above	32. Handling Codes for Waste Listed Above
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32. Special Handling Instructions and Additional Information

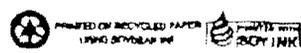
EMERGENCY PHONE NO: (505) 667-6211

28a. ERGNO: 133 28b. ERGNO: 133 28c. ERGNO: 134 28d. ERGNO: 134 28e. ERGNO: 133 28f. ERGNO: 140

28g. ERGNO: 140 28h. ERGNO: 140 28i. ERGNO: 140

33. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name JERRY DOLLINGER	Month Day Year 09 26 02
Signature <i>Jerry Dollinger</i>	
34. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name	Month Day Year
Signature	

35. Discrepancy Indication Space



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02094	22. Page 4	Information in the shaded areas is not required by Federal law.
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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 HITTMAN TRANSPORTATION SERVICES, INC.	25. US EPA ID Number TND987783065	N. State Transporter ID
		O. Transporter Phone

28. Transporter Company Name	27. US EPA ID Number	P. State Transporter ID
		Q. Transporter 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. WASTE CHEMICALS, 6.1, UN2076, II	1	DF	1	P
b. WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, II, (CONTAINS ANTIMONY, SILVER), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DN	4	P
c. WASTE RADIOACTIVE MATERIAL, EXCEPT PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DN	16	P
d. WASTE CORROSIVE LIQUID BASIC ORGANIC N.O.S., 8, UN3267, II, (3-CHLOROPROPYLTRIMETHOXYMILANE)	1	DN	1	P
e. WASTE CORROSIVE LIQUIDS, FLAMMABLE, N.O.S., 8, UN2920, II, (CONTAINS ACETIC ACID), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1	P
f. HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (D008)	1	DN	1	P
g. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (D032, D005)	1	DN	16	P
h.				
i.				

32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 153 28b. ERGNO: 151 28c. ERGNO: 161 28d. ERGNO: 153 28e. ERGNO: 132 28f. ERGNO: 171 28g. ERGNO: 171	33. Additional Descriptions of Materials Listed Above
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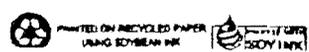
33. Transporter Acknowledgement of Receipt of Materials Printed/Typed Name: FERRY DOLLINGER Signature: <i>Ferry Dollinger</i>	Date Month Day Year 09 26 02
--	---

34. Transporter Acknowledgement of Receipt of Materials Printed/Typed Name: Signature:	Date Month Day Year
--	------------------------

35. Discrepancy Indication Space

GENERATOR

TRANSPORTER



STP Items on Manifest 02094

Item Number	Description
1102	K2CR207 (POWDER) POTASSIUM DICHROMATE
1115	POTASSIUM PERCHLORATE CRYSTALS
3386	ORG/ORG ARSENIC IN SOLV-METHANOL,ACETONE (2)
3390	ORG LIQUIDS (BUTYL ALC,MINERAL OIL)
3836	PENETRATING OIL
3844	INK, PRINTER CHARACTER (2) (SEE ALSO ITEM # 2056589)
3098	THINNER DOPE & LACQUER (2) (WRV-4)
3099	PAINT THINNER & MINERAL SPIRITS
3100	ACETONE CONTAMINATED WIPES
3101	ADHESIVE TYPE 1
3102	PVC SOLVENT CEMENT
10911	DIMETHYLFORMAMIDE (12) (CMR-15)
10912	N,N-DIMETHYLFORMAMIDE
10913	ENAMEL PAINT
10914	GLYPTAL ENAMEL PAINT
10915	HEXYL ALCOHOL
10925	ETHYL SILICATE
10926	2-METHOXY-4-PROPENYLPHENOL
11102	3-CHLOROPROPYLTRIMETHOXSILANE (CMR-34)
11352	DUPONT SILVER PAINT
11355	DUPONT SILVER PVC PREPARATION (3)
11357	DOW CORNING SILICONE
11364	SILICONE GREASE
11401	M-CRESOL(2) (1 EMPTY JAR & 1L AMBER JAR)
11868	CALCIUM NITRATE AR CRYSTALS (INC-10)
11869	FERRIC NITRATE CRYSTALS
11871	SILVER NITRATE
11872	SILVER NITRATE MERCK
47177	CLEAR DISPERSANT (KEROSENE)
47178	CLEAR DISPERSANT (KEROSENE)
47179	ISOPROPYL ETHER
47181	WOOD FILLER
47183	ACETONE
47184	VARIOUS DYES (NAPHTHA)(5)
47185	VARIOUS DYES (NAPHTHA)(7)
47186	POLYSTYRENE Q-DOPE (4)
47187	2,4-PENTANE DIONE
47188	INK (NAPHTHA)

STP Items on Manifest 02094

Item Number	Description
7329	THREAD SEALER
3760	PURPLE LIQUID #1
001902	TOLUENE W/ TRITIUM
002157	CEMENT
002160	ALCOHOL
002161	SURFACTANT
002163	ALCOHOL
002166	PIPE CEMENT PVC- 2 PTS.
002167	PIPE CEMENT PVC- 1 QT
002168	ENAMEL PAINT
003049	PAINT THINNER-8CANS
004369	HEXADECANE W/ CARBON 14
004370	TOLUENE W/ TRITIUM
004373	HEXADECANE W/ CARBON 14
004374	HEXADECANE W/ TRITIUM
004375	TOLUENE W/ TRITIUM
004377	HEXADECANE W/ CARBON 14
004378	HEXADECANE W/ TRITIUM
004379	HEXADECANE W/ TRITIUM
004380	HEXADECANE W/ TRITIUM
004382	TOLUENE W/ TRITIUM
004383	TOLUENE W/ TRITIUM
004384	TOLUENE W/ TRITIUM
004385	TOLUENE W/ TRITIUM
004386	TOLUENE W/ TRITIUM
004387	TOLUENE W/ TRITIUM
011189	CHROMIUM TRIOXIDE
017240	POTASSIUM DICHROMATE
017319	PAINT THINNER?
017320	16 FUEL OIL & ORGANIC DYE COMP.FEED MIXT
023609	HEXANE
024758	METAL CLEANER W/ANIONIC SURFACTANT
025580	SCINTILLATION COCKTAIL (XYLENE)
029421	ORGANIC 1A-R DRUM #1201
037078	OIL-GRAPHITE-DEBRIS DRUM #2724
038392	OIL-GRAPHITE-DEBRIS DRUM #2726
2017481	SILICATES W/METALS <, ORGANICS, RAD (W-2)
2017482	SILICATES W/TOXIC METALS >, RAD (W-9)

STP Items on Manifest 02094

Item Number	Description
017499	SILICATES W/METALS <, ORGANICS, PCB'S, RAD (W-1)
056589	1 OZ. GLASS BOTTLE. FULL - INK (BLACK) PRINTER (SPLIT FROM ITEM # 6844)
083275	SILVER NITRATE
083476	1,1,1,5,5,5-HEXA-FLUOROACETYLACETONE
083499	FERRIC NITRATE, NONAHYDRATE
083703	CEROUS NITRATE, HEXAHYDRATE
083727	SILVER NITRATE
083755	P-CRESOL
083794	SILVER NITRATE INPREGNATED SILICA GEL
083806	SILVER NITRATE
083830	YTTRIUM(III) NITRATE
091279	INDALLOY #2 FLUX
091289	ALUMAWELD
091401	UNDERCOATING AF CHEVERON
091402	UNDERCOATING AF CHEVERON
091405	UNDERCOATING AF CHEVERON
091406	UNDERCOATING AF CHEVERON
091586	THINNER DOPE AND LACQUER TT-T-2660
091587	SILVER GOOP



Los Alamos

NATIONAL LABORATORY

Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 5, 2002
Refer to: RRES/SA-2002-305

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 3.1.3 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldón:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.3 (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 Section 3.1.3 of the CPV was initiated on September 26, 2002, and completed on September 27, 2002. The waste was sent to Waste Control Specialists, LLC, in Andrews County, Texas. The total volume of STP waste shipped to Waste Control Specialists is 0.25 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.3	LA-W906	<i>Aqueous Organic Liquids</i>	02101	0.95
Total Volume				0.95

Documentation that waste was received at Waste Control Specialist 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
~~B. Wilburn, RRES-SA, MS J591~~
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087



02-08657-
08661

T 231
TRA 429358

#1294

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. N.M 0 8 9 0 0 1 0 5 1 5		Manifest Document No. 0 2 1 0 1		2. Page 1 of 1		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						A. State Manifest Document Number 02493736					
4. Generator's Phone (505) 665-6158						B. State Generator's ID 99935					
5. Transporter 1 Company Name HITTMAN TRANSPORTATION SERVICES, INC.			6. US EPA ID Number T.N D 9 8 7 7 8 3 0 6 5			C. State Transporter's ID 56784500					
7. Transporter 2 Company Name						D. Transporter's Phone 800-233-9933					
9. Designated Facility Name and Site Address WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714						G. State Facility's ID 60358					
10. US EPA ID Number T X D 9 8 8 0 8 8 4 6 4						H. Facility's Phone 505-394-4300					
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)					12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.	
X	a. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 H3 PU238 PU 239 PU 240 PU241, 7.90e-04 TBq, Fissile Excepted, LSA-II <i>White 1029/10</i>					1	DF	320	P	D007 D009 D019 D022 OUTS105H	
X	b. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 H3 PU238 PU 239 PU 240 PU241, 1.03e-03 TBq, Fissile Excepted, LSA-II <i>White 1029/10</i>					1	DF	500	P	D007 D009 D019 D022 OUTS105H	
X	c. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 H3 PU238 PU 239 PU 240 PU241, 9.98e-04 TBq, Fissile Excepted, LSA-II <i>White 1029/10</i>						DF	850	P	D007 D009 D019 D022 OUTS105H	
X	d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, AM241 H3 PU238 PU 239 PU 240 PU241, 1.04e-03 TBq, Fissile Excepted, LSA-II <i>White 1029/10</i>						DF	425	P	D007 D009 D019 D022 OUTS105H	
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 HMTF#: 02092301						K. Handling Codes for Wastes Listed Above					
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, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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.						Additional Descriptions for Materials Listed Above 11c. C96071026 C96071027 11d. C96071028					
Printed/Typed Name <i>Paul N. Newberry</i>				Signature <i>[Signature]</i>				Month Day Year 09/26/02			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>JERRY DOLLINGER</i>				Signature <i>[Signature]</i>				Date 09/26/02			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature				Date			
19. Discrepancy Indication Space <i>all additions OK per Chris Dury 10-2-02 AD</i>											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.										Date	
Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>				Month Day Year 09/27/02			

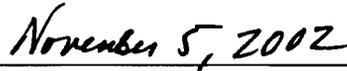
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.3 (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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 5, 2002
Refer to: RRES/SA-2002-306

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 3.1.11 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldón:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.11 (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 Section 3.1.11 of the CPV was initiated on September 26, 2002, and completed on October 1, 2002. The waste was sent to Shaw Environmental and Infrastructure, Inc., in Kingston, TN. The total volume of STP waste shipped to to Shaw Environmental and Infrastructure, Inc., is 0.25 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.11	LA-W910	PCB Waste with RCRA Components	02122	0.25
Total Volume				0.25

Documentation that waste was received shipped to to Shaw Environmental and Infrastructure, Inc., 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.11 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

ATTENTION SHIPPERS!

FREIGHT CHARGES ARE PREPAID ON THIS BILL OF LADING UNLESS MARKED COLLECT.

This Memorandum

is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. 02122

Carrier No.

Date

Page 1 of 1

Hittman Transportation Service, Inc. (SCAC)

On Collect on Delivery shipments, the letters 'COD' must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

FROM: U of CA LANL for US DOE
Shipper Los Alamos National Laboratory

TO:
Consignee IT Corp. (Shaw)
Street 1570 Bear Creek Rd.
City Kingston State TN Zip Code 37763

Street P.O. Box 1663, MS J595
City Los Alamos State NM Zip Code 87545
24 hr. Emergency Contact Tel. No. 505 667 6211

Route Vehicle Number

Table with columns: No. of Units & Container Type, HM, BASIC DESCRIPTION, TOTAL QUANTITY, WEIGHT, RATE, CHARGES. Includes handwritten entry: Radioactive Material, Low Specific activity, N.O.S., 7, UN2912, H2O Liquid, RA 0210, 1 UNIT 4020/2601

PLACARDS TENDERED: YES [] NO []

Notes: (1) Where the rate is dependent on value... (2) Where the applicable tariff provisions specify a limitation of the carrier's liability... (3) Commodities requiring special or additional care or attention...

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

REMIT C.O.D. TO: ADDRESS

COD Amt: \$

C.O.D. FEE: PREPAID [] COLLECT [] \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement.

TOTAL CHARGES \$

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

FREIGHT CHARGES: FREIGHT PREPAID [] except when box at right is checked. Check box if charges are to be collect []

RECEIVED, subject to the classifications and terms in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier, the word carrier being understood throughout the contract as meaning any person or corporation in possession of the property under the contract agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, if a mutually agreed as to each carrier, of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER U of CA LANL for US DOE Los Alamos National Laboratory
PER [Signature] 7/24/55

CARRIER Hittman Transportation Services, Inc.
PER [Signature]
DATE 7-26-55

4

U.S. Nuclear Regulatory Commission
 Form NRC-128 (Rev. 1-78)
 This form is required by 10 CFR 20.2002 for the shipment of low-level radioactive waste. It must be submitted to the appropriate NRC office for approval before shipment. The NRC office to which the form should be submitted is listed in the instructions. The form must be submitted to the NRC office at least 15 days before the date of shipment. The form must be submitted to the NRC office at least 15 days before the date of shipment. The form must be submitted to the NRC office at least 15 days before the date of shipment.

INFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST

SHIPMENT NUMBER: (Include Area Code)
 TELEPHONE NUMBER: (Include Area Code)

SHIPPER - NAME AND FACILITY
 Low Level Radioactive Waste Laboratory
 PO Box 8800
 MSJSE (Orin Day)
 Los Alamos, NM 87545

SHIPMENT NUMBER: RA 0210
 USER PERMIT NUMBER: 7-17072-12
 CONTACT: Orin Day

SHIPPER'S NAME AND ADDRESS
 Hazardous Waste Services
 1500 Blue Creek Road
 Oak Ridge, TN 37830

SHIPMENT TYPE: X
 GENERATION TYPE: G
 TELEPHONE NUMBER: (Include Area Code) 505-682-0004

DATE: 9-26-02
 AUTHORIZED SIGNATURE: [Signature]
 TITLE: WSM

DATE: 9/24/02
 B. IDENTIFICATION NUMBER OF PACKAGE: C95058416

FOR INFORMATION PURPOSES ONLY

DIANNE - RECEIPT OF OUR STP MATERIAL AT THE SHAW FACILITY IN DENVER

1. DATE OF TRANSPORTATION DESCRIPTION / Activity name, hazard class, UN ID number, and any additional information	2. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST	3. DOT LABEL "RADIOACTIVE"	4. PHYSICAL AND CHEMICAL FORM	5. INDIVIDUAL PACKAGE ID#	6. TOTAL PACKAGE ACTIVITY (MBq)	7. LIQUID CLASS	8. TOTAL WEIGHT OR VOLUME (kg or lbs)	9. IDENTIFICATION NUMBER OF PACKAGE
1. Low specific activity, n.o.s., 7, UN2912	NA	NA	Liquid/solids	BC 0048	1.587E+04	LSA-I	150. LBS; 11. FT3	C95058416
2. Low specific activity, n.o.s., 7, UN2912	NA	NA	Liquid/solids	BC 0049	1.587E+04	LSA-I	150. LBS; 11. FT3	C95058416
3. Low specific activity, n.o.s., 7, UN2912	NA	NA	Liquid/solids	BC 0050	4.597E+02	LSA-I	7.02 FT3	C95058416

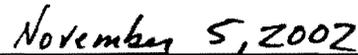
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: August 27, 2002
Refer to: RRES/SA-2002-279

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: NOTIFICATION OF ADDITIONAL STP VOLUMES
REQUEST FOR EXPEDITED SHIPMENT FOR STP ITEMS**

Dear Ms. Gabaldón:

The purpose of this letter is to follow-up a notification made by telephone on Thursday, August, 22, 2002, to the New Mexico Environment Department (NMED) requesting permission to ship wastes that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003.

While performing quality assurance checks on two upcoming off-site mixed waste shipments, LANL identified necessary adjustments to the STP inventory. The adjustments involve the addition of EPA codes and minor changes to the STP volume. For the first shipment, made on August 26, 2002, an adjustment of 0.004 cubic meters will be added to the STP inventory under Treatability Group LA - W933 (lab packs).

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
13.0 3.2	LA-W933	Lab Packs	0.004

As stated, the item will be proposed for addition to the STP during the next Annual Revision.

August 27, 2002

Within 45 days following shipment of this waste off-site, LANL will *“(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.

Included, as Enclosure A 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) 667-6952, dwwilburn@lanl.gov, if you have any questions. Thank you for your continued cooperation in expediting treatment of waste at LANL.

Sincerely,



Dianne Williams Wilburn
STP Project Manager
Risk Reduction and Environmental Restoration Division
Los Alamos National Laboratory

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
J. White, ESH-19, MS K490
E-WMOSR files

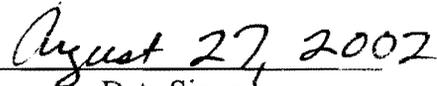
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator


Date Signed

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

Date Signed



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: July 9, 2002
Refer to: RRES/SA-2002-205

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: Federal Facility Compliance Order University Project Manager
Los Alamos National Laboratory**

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of a change in personnel for the University Project Manager. The Federal Facilities Compliance Order (FFCO) states "*either party may change its designated Project Manager by notifying the other Party, in writing, ten (10) days before the change, to the extent possible.*" This notification is required by Section XVI of the October 4, 1995 FFCO.

The new University Project Manager is:
Dianne Wilburn
Waste Disposition Program
Los Alamos National Laboratory MS J591
P. O. Box 1663
Los Alamos, NM 87545-1663

Future communications between the Parties listed in the FFCO should be directed to Ms. Wilburn. If you have any questions concerning this matter, please contact Dianne Wilburn, dwwilburn@lanl.gov, 505-667-6952.

Sincerely,

A handwritten signature in cursive script that reads "Beverly Martin".

Beverly Martin
Waste Disposition Program Manager
Risk Reduction and Environmental Stewardship Division
Los Alamos National Laboratory

Cy:

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
H. Wheeler-Benson, FWO-SWO, MS J595
J. White, ESH-19, MS K490
RRES-WD File



**Risk Reduction & Environmental Stewardship
Waste Disposition Program**

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

April 30, 2002
RRES/WD:02-019

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

SUBJECT: NOTICE OF PLANS RELATED TO OTHER MIXED WASTE PER SECTION 2.5 IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), FEDERAL FACILITY COMPLIANCE ORDER (FFCO), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) as set forth in Section XX "*Documents, Information, and Reporting Requirements*," of the Federal Facility Compliance Order (FFCO), Section 2.5 in the Compliance Plan Volume (CPV) requiring "*DOE will notify NMED when off-site treatability studies are conducted on STP waste.*" and STP CPV Section 2.3, "*Plans for Mixed Waste to be Shipped Off-Site for Treatment.*"

Upon request of the Department of Energy (DOE) Mixed Waste Focus Area (MWFA), LANL proposes to ship three drums from our legacy inventory of mixed waste to Oak Ridge National Laboratory (ORNL) for use in a treatability study. The material is STP covered waste with an STP volume of 0.21 cubic meters. The material to be treated consists of approximately 55 gallons of used vacuum pump oil contaminated with heavy metals, PCBs and low levels of radioactivity. No material is expected to be returned to LANL. All RCRA requirements for a treatability exemption will be met. The sample will be packaged and shipped according to DOT regulations.

STP Section	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.11	LA-W910	PCB wastes with RCRA Components	0.21

Please note that in the *Annual Site Treatment Plan Update for Fiscal Year 2001, Background Volume, LA-UR-02-0675, March 2002*, Table 3.6-1, this waste was listed as a transfer from Treatability Group, "Bulk Oils," MWIR Waste ID LA-W909.

If you have any questions concerning this matter, please call me, or Dianne Wilburn (505) 667-6952.

Sincerely,



Beverly Martin
STP Project Manager
Risk Reduction and Environmental Stewardship Division
Los Alamos National Laboratory

BM:dw

Enclosure: a/s

Cy: Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

B. Osheim, Counsel, LASO, MS A316
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-WD, MS J552
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
J. White, ESH-19, MS K490
C. Duy, FWO-SWO, MS J595
D. Wilburn, RRES-SA, MS J591
RRES-WD files

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF PLANS RELATED TO OTHER MIXED WASTE PER
SECTION 2.5
COMPLIANCE PLAN VOLUME (CPV)
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
Los Alamos National Laboratory
Operator

May 1, 2002
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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: March 12, 2003
Refer to: RRES/SA-2003-359

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: CORRECTION TO PAGE 1 OF SITE TREATMENT PLAN (STP) FISCAL YEAR 2002 UPDATE BACKGROUND VOLUME, LOS ALAMOS NATIONAL LABORATORY (LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), ORDER 4, 1995

Dear Ms. Gabaldón:

The purpose of this letter is to transmit a corrected copy of page 1 of the FY02 Annual STP Update Background Volume. The Department of Energy (DOE) and the University of California (UC) per the requirements of FFCO Section VII "Annual Site Treatment Plan Updates" prepared the Annual Update for NMED.

Page 1 of the Background Volume had a typographical error concerning the volume of newly generated waste. That has been corrected to reflect the correct volume as listed in Table 2.1-1. Thank you for bringing this correction to our attention.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Dianne Williams Wilburn".

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldón

March 12, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
C. Duy, FWO-SWO, MS J595
K. Oshel, FWO-SWO, MS J595

CERTIFICATION

**Site Treatment Plan (STP)
Fiscal Year 2002 Annual Update
Revision Proposal 13.0
Los Alamos National Laboratory (LANL)
Federal Facility Compliance Order (FFCO)
October 4, 1995**

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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

3 / 12 / 2003

Date Signed

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

Date Signed

1.0 INTRODUCTION

On October 4, 1995, the New Mexico Environment Department (NMED) issued a Federal Facility Compliance Order (FFCO) to the Department of Energy (DOE) and its management and operating contractor, the University of California (UC) Regents. The FFCO required Los Alamos National Laboratory (LANL) to implement the Site Treatment Plan (STP) for the treatment of mixed waste at LANL. The STP was written to address treatment capacities and technologies to treat all of LAN's mixed waste, regardless of the time it was generated. Section VII of the FFCO requires LANL to submit an Annual Site Treatment Plan Update to the NMED each year on or before March 31.

The STP contains two volumes, the Compliance Plan Volume (CPV) and the Background Volume (BV). The FFCO requires the Annual Update bring information in both volumes current to the end of the previous federal fiscal year (FY). The update to the BV provides the following information:

- The amount of each covered waste stored at LANL as follows: 1) the estimated volume in storage at the end of the previous fiscal year; and 2) the estimated volume anticipated to be placed in storage for the next five fiscal years;
- A progress report from the end of the previous federal fiscal year describing treatment progress and treatment technology development for each treatment facility and activity scheduled in the STP; a description, if applicable, of current or anticipated alternative treatment technology that is being evaluated for use instead of treatment technologies or capacities identified in the STP;
- A description of DOE's funding for STP-related activities and any funding issues that may affect the schedule;
- The status of the "No-Migration Variance Petition" or any treatability variances; and
- A progress report on characterization and/or treatment capabilities or plans for mixed transuranic waste (MTRU) related to the waste treatment standards, if any, for the DOE Waste Isolation Pilot Plant (WIPP) facility near Carlsbad, New Mexico.

This document constitutes the FY02 update to the BV.

2.0 AMOUNT OF EACH COVERED WASTE STORED AT LANL

2.1 MIXED LOW LEVEL WASTE (MLLW) INVENTORY

During FY02, MLLW covered inventories decreased from approximately 75.14 m³ to 35.62 m³. Table 2.1-1 summarizes changes to the estimated MLLW covered waste inventory for FY02. A total of 0.02 m³ of newly generated waste became covered during FY02 and 40.74 m³ of covered waste was treated, recycled, or disposed during the fiscal year. Each item in the MLLW covered waste inventory is verified during quality control activities for individual shipments for treatment and disposal or recycling. Inconsistencies may exist in treatability groups between the original inventory reported when compared to actual shipments. These inconsistencies are reconciled annually, with the STP update, under Administrative Adjustments.



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: April 11, 2003
Refer to RES/SA-2003-373

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: NOTICE OF CORRECTION TO REVISION 13.0

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of corrections to Revision 13.0.

Corrections have been made to Table 3.1-1 of the Background Volume. The corrected table is attached.

Corrections were also made the Compliance Plan Volume to correct dates to reflect the correct dates. The corrected page is attached.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Williams Wilburn'.

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
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T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

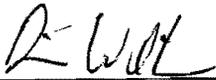
ENCLOSURE A

**DOCUMENTATION OF CORRECTION TO REV 13.0
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

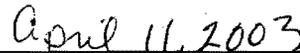
CERTIFICATION

**DOCUMENTATION OF CORRECTION TO REV 13.0
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed

TABLE 3.1-1: FY02 STP MLLW Off-Site Shipments for Treatment and/or Disposal

Date Shipped	Destination	MWIR #	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date NMED Notified	CPV Section
1/30/02	WCS	LA-W923	<i>Liquid and Solid Oxidizers</i>	0.80	02010	3/7/02	3.1.11
1/31/02	Perma-Fix	LA-W911	<i>Organic Combustible Solids</i>	0.44	02002	3/7/2002	3.1.4
		LA-W919	<i>Organic Non-Combustible Solids</i>	1.30	02002		3.1.4
		LA-W907	<i>Halogenated Organic Liquids</i>	0.07			3.1.11
		LA-W908	<i>Non-Halogenated Organic Liquids</i>	0.93			3.1.11
		LA.W923	<i>Liquid and Solid Oxidizers</i>	0.23			3.1.11
1/31/02	Perma-Fix	LA-W911	<i>Organic Combustible Solids</i>	0.22	02009	3/7/2002	3.1.4
		LA-W919	<i>Organic Non-Combustible Solids</i>	0.02			3.1.4
		LA.W923	<i>Liquid and Solid Oxidizers</i>	0.45			3.1.11
1/31/02	DSSI	LA-W919	<i>Organic Contaminated Non-Combustible Solids</i>	0.00	02005	3/7/02	3.1.4
		LA-W907	<i>Halogenated Organic Liquids</i>	0.00			3.1.11
		LA-W908	<i>Non-Halogenated Organic Liquids</i>	0.01			3.1.11
		LA.W923	<i>Liquid and Solid Oxidizers</i>	0.00			3.1.11
2/13/02	Perma-Fix	LA-W911	<i>Organic Contaminated Combustible Solids</i>	4.94	02017	3/28/02	3.1.4
		LA-W907	<i>Halogenated Organic Liquids</i>	0.11			3.1.11
2/13/02	Perma-Fix	LA-W911	<i>Organic Contaminated Combustible Solids</i>	8.52	02018	3/28/02	3.1.4
2/14/02	M&EC	LA-W911	<i>Organic Contaminated Combustible Solids</i>	0.17	02006	3/28/02	3.1.4
		LA-W919	<i>Organic Contaminated Non-Combustible Solids</i>	4.88			3.1.4
2/14/02	Perma-Fix	LA-W911	<i>Organic Contaminated Combustible Solids</i>	1.22	02019	3/28/02	3.1.4
		LA-W919	<i>Organic Contaminated Non-Combustible Solids</i>	2.12			3.1.4

Date Shipped	Destination	MWIR #	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date NMED Notified	CPV Section
			<i>Non-Combustible Solids</i>				
2/14/02	Perma-Fix	LA-W911	<i>Organic Contaminated Combustible Solids</i>	0.91	02003	3/28/02	3.1.4
		LA-W915	<i>Aqueous Cyanides, Nitrates, Chromates, and Arsenates</i>	0.00			3.1.6
		LA-W916	<i>Water Reactive Wastes</i>	0.00			3.1.7
		LA-W919	<i>Organic Contaminated Non-Combustible Solids</i>	3.94			3.1.4
2/14/02	Perma-Fix	LA-W919	<i>Organic Contaminated Non-Combustible Solids</i>	0.39	02001	3/28/02	3.1.4
4/24/02	Perma-Fix	LA-W920	<i>Elemental Mercury</i>	0.26	02021	5/22/02	3.1.10
		LA-W925	<i>Mercury Wastes – TBD</i>	0.00			3.1.5
4/24/02	Perma-Fix	LA-W925	<i>Mercury Wastes – TBD</i>	0.00	02043	5/22/01	3.1.5
6/4/02	WCS	LA-W925	<i>Mercury Wastes – TBD</i>	0.26	02049	7/9/02	3.1.5
		LA-W933	<i>Labpacks</i>	0.00			3.2
6/18/02	Perma-Fix	LA-W906	<i>Aqueous Organic Liquids</i>	0.32	02070	7/25/02	3.1.3
6/18/02	Perma-Fix	LA-W911	<i>Organic Contaminated Combustible Solids</i>	0.11	02067	7/25/02	3.1.4
		LA-W922	<i>Non-Combustible Debris</i>	0.13			3.1.5
		LA-W933	<i>Labpacks</i>	0.04			3.2
7/23/02	Perma-Fix	LA-W909	<i>Bulk Oils</i>	1.20	02085	8/30/02	3.1.11
		LA-W922	<i>Non-Combustible Debris</i>	0.74			3.1.5
8/26/02	Perma-Fix	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	0.00	02093	10/3/02	3.1.9
		LA-W933	<i>Labpacks</i>	0.26			3.2
8/26/02	M&EC	LA-W916	<i>Water Reactive Wastes</i>	0.00	02102	10/3/02	3.1.7
		LA-W933	<i>Labpacks</i>	0.05			3.2
8/27/02	Envirocare	LA-W922	<i>Non-Combustible Debris</i>	0.84	02086	10/1/02	3.1.5
9/26/02	WCS	LA-W906-6	<i>Aqueous Organic Liquids</i>	0.95	02101	11/5/02	3.1.3
9/27/02	Perma-Fix	LA-W933	<i>Labpacks</i>	0.96	02094	10/30/02	3.2

Date Shipped	Destination	MWIR #	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date NMED Notified	CPV Section
Total Volume				37.80			

3.2 OFF-SITE RECYCLING

In FY02, DOE and UC utilized the GTS Duratek, Bear Creek Operations facility in Oak Ridge, Tennessee, for recycling of MWIR-ID Items LA-W911 *Organic Combustible Solids* and LA-W909 *Bulk Oils*.

TABLE 3.2-1: FY02 STP MLLW Off-Site Shipments for Recycling

Date Shipped	Destination	MWIR #	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date NMED Notified	CPV Section
1/30/02	Duratek	LA-W911	<i>Organic Combustible Solids</i>	0.47	BOL	3/14/02	3.1.4
		LA-W909	<i>Bulk Oils</i>	1.49			3.1.11
Total Volume				1.96			

3.3 ON-SITE TREATMENT AND RECYCLING

An on-site recycling option was chosen for part of the STP inventory including aerosol cans. LANL used a commercially available can puncturing system equipped with a carbon filter for absorbing any organic vapors. After using the can puncture system, the STP volume was reduced by 0.74 cubic meters and is detailed in Table 3.3-1.

TABLE 3.3-1: FY02 STP MLLW On-Site Treatment

MWIR #	Treatability Group	Vol (m ³)	Date NMED Notified	CPV Section
LA-W907	<i>Halogenated organic liquids</i>	0.20	6/6/2002	3.1.11
LA-W908	<i>Non-halogenated organic liquids</i>	0.00	6/6/2002	3.1.11
LA-W918	<i>Compressed gases requiring oxidation</i>	0.53	6/6/2002	3.1.9
Total Volume		0.74		

2.0 **CHANGES AND REVISIONS TO THE CPV OCCURRING SINCE THE PREVIOUS ANNUAL UPDATE.**

This section describes revisions, amendments, or other changes to the LANL CPV approved in FY02 under the FFCO. The STP Compliance Plan Volume has been modified a number of times since it was originally issued, in accordance with the provisions of Section X, "Revisions," and Section XI, "Other Amendments to the STP," of the October 4, 1995 Federal Facility Compliance Order, as amended and revised. CPV Appendix A, *Summary of STP/FFCO Chronology*, provides a summary of these CPV changes, and of modifications to the FFCO since its issuance. Revision 12.0 was proposed and approved during FY02. REVISIONS and AMENDMENTS proposed in FY01 and approved in FY02

Revision 12.0 was submitted to NMED on March 13, 2002 and was approved on July 25, 2002 after a 30-day public comment period. The purpose of this revision request was to reflect changes in the mixed low-level waste inventories in the LANL CPV of the STP, as described in the Fiscal Year 2001 STP Annual Update. The STP covered waste inventory increased with the addition of newly covered waste during FY01, and decreased with shipments for treatment, recycle or disposal of covered wastes during FY00.

In a letter to the NMED dated October 30, 2001, LANL requested an extension of CPV Milestone Activity 3.1.10 (A), "Complete shipping of existing wastes to an off-site treatment facility or complete parallel option," for waste in Treatability Group, "Elemental Mercury," MWIR Waste ID LA-W920, from the compliance date of "11/15/01" to the compliance date of "12/20/03".

LANL asked for expedited shipment of "Lead Waste - TBD," MWIR Waste ID LA-W924 of waste items to be included in Revision 12 in a letter to NMED dated November 19, 2001.

LANL notified NMED of return of mixed low-level waste from Applied Technology Group treatment facility in Richland Washington in a letter dated December 20, 2001. This waste was returned because Applied Technology invoked Chapter 11 bankruptcy.

LANL requested an extension of CPV Milestone Activity 3.1.11 (A), "Complete shipping of existing wastes to an off-site treatment facility or completed parallel option," for waste in Treatability Group, "PCB wastes with RCRA components," MWIR Waste ID LA-W910 from the compliance date of "02/01/02" to the compliance date of 02/01/04 in a letter to the NMED dated January 30, 2002.

LANL requested an expedited shipment of "Mercury Wastes - TBD," MWIR Waste ID LA-W925 to be included in Revision 13 in a letter to NMED dated June 3, 2002.



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: April 11, 2003
Refer to: RRES/SA-2002-374

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: Corrections and Clarifications on RRES/WD:02-020
Los Alamos National Laboratory Site Treatment Plan**

Dear Ms. Gabaldón:

The purpose of this letter is to correct a letter to the New Mexico Environment Department (NMED). Please refer to correspondence: RRES/WD:02-020. The table in the correspondence was incorrect. A corrected table is below.

STP Section	MWIR Waste ID	Treatability Group	Volume Shipped (m ³)
3.1.4	LA-W920	<i>Elemental Mercury</i>	0.26
3.1.4	LA-W925	<i>Mercury Wastes - TBD</i>	0.00
Total STP Volume Shipped			0.26

The table incorrectly included mixed low level waste not covered by the Site Treatment Plan.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
B. C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION OF CORRECTION TO CORRESPONDENCE
RRES/WD:02-020 DATED May 22, 2002
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

CERTIFICATION

DOCUMENTATION OF CORRECTION TO CORRESPONDENCE

RRES/WD:02-020 DATED May 22, 2002

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.

D. Wilburn

Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

April 11, 2003

Date Signed

James G. Nunz

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: April 11, 2003
Refer to: RRES/SA-2002-376

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: Corrections and Clarifications on RRES/SA-2002-376
Los Alamos National Laboratory Site Treatment Plan**

Dear Ms. Gabaldón:

The purpose of this letter is to correct a letter to the New Mexico Environment Department (NMED). Please refer to correspondence: RRES/SA-2002-376. The table in the correspondence was incorrect. A corrected table is below.

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.11	LA-W909	<i>Bulk Oils</i>	02085	1.20
3.1.5	LA-W922	<i>Non-combustible Debris</i>	02085	0.74
Total STP Volume Shipped				1.94

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
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RRES-SA files

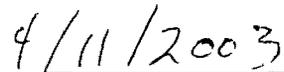
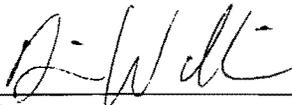
ENCLOSURE A

**DOCUMENTATION OF CORRECTION TO CORRESPONDENCE
RRES/SA-2002-376 DATED AUGUST 30, 2002
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

CERTIFICATION

**DOCUMENTATION OF CORRECTION TO CORRESPONDENCE
RRES/SA-2002-376 DATED AUGUST 30,2002
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Date Signed

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

Date Signed



*Environmental Science & Waste Technology/Waste Management
Off-Site Source Recovery (OSR) Project*
P.O. Box 1663, Mail Stop: J552
Los Alamos, New Mexico 87545

Date: December 20, 2001
Refer to: E/WMOSR:01-035

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Management Program
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: RETURN OF MIXED LOW LEVEL (MLLW) SITE TREATMENT
PLAN (STP) WASTE, LOS ALAMOS NATIONAL LABORATORY
(LANL), FEDERAL FACILITY COMPLIANCE ORDER (FFCO).**

Dear Mr. Will,

The purpose of this letter is to confirm previous phone conversations and discussions with the New Mexico Environment Department (NMED) regarding the return to LANL of LANL STP MLLW currently in storage at the Applied Technology Group (ATG) treatment facility located in Richland, Washington, and to inform NMED of the first shipment due to arrive at LANL on December 21, 2001.

The ATG facility has invoked Chapter 11 bankruptcy status due to financial difficulties. The Department of Energy (DOE) has directed LANL Waste Management personnel to retrieve all waste that was sent to the facility for treatment. LANL is planning to receive the first shipment of this STP waste on Friday, December 21, 2001. The shipment will contain 13.46 cubic meters of STP waste from Treatability Group, "*Organic Combustible Solids*," MWIR Waste ID LA-W911 and 0.11 cubic meters of STP waste from Treatability Group, "*Halogenated Organic Liquids*," MWIR Waste ID LA-W907. There are also 14 containers of MLLW waste (approximately 2.9 cubic meters) that was not STP MLLW when shipped but will now have to be proposed for addition to the STP in the next Annual Revision, due March 31, 2001. The new STP waste will be proposed to be added to Treatability Group, "*Organic Contaminated Noncombustible Solids*," MWIR Waste ID LA-W919.

As discussed in our phone conversation of December 19, 2001, none of the waste being shipped back to LANL on December 21, 2001 has been treated by ATG. LANL will make every effort to find another commercial treatment facility to treat this waste as soon as possible.

I am available to discuss this with you at any time. Please contact me at (505) 665-0714 if you have any questions. Thank you for your continued cooperation on STP issues.

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.

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/o encl.):

H. Haynes, DOE Counsel, LAAO, MS A316

J. Orban, DOE, WMD, AL

J. Nunz, DOE, LAAO, MS A316

K. Hargis, E-WMOSR, MS J591

B. Martin, E-WMOSR, MS J552

E. Louderbough, LC-GL, MS A187

S. Moreno, LC-GL, MS A187

R. Hahn, FWO-SWO, MS J595

D. Daymon, FWO-SWO, MS J595

G. Bacigalupa, ESH-19, MS K490

J. Ellvinger, ESH-19, MS K490

J. White, ESH-19, MS K490

E-WMOSR Files

**ENCLOSURE B
CERTIFICATION**

**RETURN OF LANL SITE TREATMENT PLAN WASTE
FEDERAL FACILITY COMPLIANCE ORDER
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

12/20/01

Date Signed

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

Date Signed

FY03 Revision 14 Documents



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: December 18, 2002
Refer to RRES/SA-2003-325

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 MILESTONE, ACTIVITIES 3.1.11(B) and 3.2 (F) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

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 3.1.11(B) and 3.2 (F) 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."

A shipment that included STP covered waste listed in Sections 3.1.11 and 3.2 of the CPV was initiated on November 21, 2002, and completed on November 25, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.18 cubic meters. 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)
3.1.11	LA-W923	Liquid and Solid Oxidizers	02162	0.0002
3.2	LA-W933	Lab Packs	02162	0.1813
Total STP Volume Shipped				0.18

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.11 (B) 3.2 (F)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

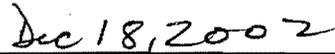
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.11 (B) and 3.2 (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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02162	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 LAMC for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Agency Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name N.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		C. State Agency Document Number		
7. Transporter 2 Company Name		8. US EPA ID Number		D. State Generator's ID		
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number ELD980711071		E. State Agency Document Number FLD980711071		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID N.O.S., 3, UN1993, II, (BENZENE) 37				1	16	p
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID N.O.S., 3, UN1993, II 9				1	15	p
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, III, (TOLUENE, ACETONE) 1				1	23	p
d. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I, (ETHER, TOLUENE) 28				1	1	p
J. Additional Descriptions for Materials Listed Above 11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 128				K. Handling Codes for Wastes Listed Above SOL. H111 H200		
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 128 HMFFF: 01111801						
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 11/2/02		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Lewis Hedges		Signature 		Month Day Year 11/2/02		
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 Thomas A. Hanna		Signature 		Month Day Year 11/2/02		

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02162	22. Page 5	Information in the shaded areas is not required by Federal law.
23. Generator's Name U of CA LANL for US DOR Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number	
24. Transporter Company Name M.P. ENVIRONMENTAL SERVICES, INC.				M. State Generator's ID	
25. US EPA ID Number CAT00062427				N. State Transporter's ID	
26. Transporter Company Name				O. Transporter's Phone 505-431-7000	
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
			No.	Type	31. Unit W/Vol
a.	x	WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS 3,4-LUTIDINE) 35	1	DF	1 p
b.	x	WASTE FLAMMABLE SOLID, ORGANIC, N.O.S., 4.1, UN1325, II 22	1	DM	36 p
c.	x	WASTE BARIUM NITRATE, 5.1, UN1446, II 14	1	DF	1 p
d.	x	WASTE CALCIUM HYPOCHLORITE, DRY, 5.1, UN1748, II 16	1	DF	2 p
e.	x	WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, 5.1, UN2014, II 33	1	DF	4 p
f.	x	WASTE OXIDIZING LIQUID N.O.S., 5.1, UN3139, III, (MANGANOUS NITRATE) 10	1	DF	2 p
g.	x	WASTE OXIDIZING LIQUID, CORROSIVE, N.O.S, 5.1, UN3098, II, (POTASSIUM PEROXYMONOSULFATE) 12	1	DF	1 p
h.	x	WASTE OXIDIZING LIQUID, N.O.S., 5.1, UN3139, III, (COBALT NITRATE) 24	1	DM	1 p
i.	x	WASTE OXIDIZING SOLID, CORROSIVE, N.O.S, 5.1, UN3085, II, (POTASSIUM CHROMATE, POTASSIUM DICHROMATE) 17	1	DF	2 p
S. Additional Descriptions for Materials Listed Above			28a. ERGNO: 131		T. Handling Codes for Wastes Listed Above
28b. ERGNO: 133			28c. ERGNO: 141		SOIL, HAZ HISZ, H030
28d. ERGNO: 140			28e. ERGNO: 140		
28f. ERGNO: 140			28g. ERGNO: 140		
28h. ERGNO: 140			28i. ERGNO: 140		
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211*					
28a. ERGNO: 131 28b. ERGNO: 133 28c. ERGNO: 141 28d. ERGNO: 140 28e. ERGNO: 140 28f. ERGNO: 140					
28g. ERGNO: 140 28h. ERGNO: 140 28i. ERGNO: 140					
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					



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.
NM0890010515

Manifest Document No.
02162

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 1 Company Name
M.P. ENVIRONMENTAL SERVICES, INC.

25. US EPA ID Number
CAT000624247

N. State Transporter's ID

O. Transporter's Phone
505-435-7191

26. Transporter Company Name

27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

a.	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Wt/Vol	32. Waste No.
			No.	Type			
x		WASTE OXIDIZING SOLID, CORROSIVE, N.O.S., 5.1, UN3085, II 3	1	DM	1	p	0001 0001
x		WASTE OXIDIZING SOLID, CORROSIVE, N.O.S., 5.1, UN3085, II, (POTASSIUM DICHROMATE) 5	1	DM	1	p	0001 0001
x		WASTE OXIDIZING SOLID, CORROSIVE, N.O.S., 5.1, UN3085, II, (POTASSIUM PEROXYMONOSULFATE, GALLIUM NITRATE) 29	1	DF	1	p	0001
x		WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II, (POTASSIUM PERCHLORATE, POTASSIUM PRESULFATE) 23	1	DM	6	p	0001 0001
x		WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III, (CERIC SULFATE) 7	1	DM	1	p	0001
x		WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, II 6	1	DM	1	p	0001
x		WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1479, III 21	1	DM	1	p	0001 0001
x		WASTE OXIDIZING SOLID, TOXIC, N.O.S., 5.1, UN3087, II, (BARIUM NITRATE, ERBIUM NITRATE) 26	1	DM	5	p	0001 0001
x		WASTE BARIUM COMPOUNDS, N.O.S., 6.1, UN1564, II, (BARIUM CHLORIDE) 15	1	DF	1	p	0001

S. Additional Descriptions for Materials Listed Above

28a. ERGNO: 140
28b. ERGNO: 140
28c. ERGNO: 140
28d. ERGNO: 140
28e. ERGNO: 140
28f. ERGNO: 140

28g. ERGNO: 140
28h. ERGNO: 141
28i. ERGNO: 154

T. Handling Codes for Wastes Listed Above

501/DM
H15

32. Special Handling Instructions and Additional Information

EMERGENCY PHONE NO: (505) 667-6211
28a. ERGNO: 140 28b. ERGNO: 140 28c. ERGNO: 140 28d. ERGNO: 140 28e. ERGNO: 140 28f. ERGNO: 140
28g. ERGNO: 140 28h. ERGNO: 141 28i. ERGNO: 154

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

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02162	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			
24. Transporter Company Name M.P. ENVIRONMENTAL SERVICES, INC.				M. State Generator's ID			
25. US EPA ID Number CAT000624247				N. State Transporter's ID			
26. Transporter Company Name				O. Transporter's Phone 505-433-7117			
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			
	HM		29. Containers	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.	
	No.	Type					
a.	x	WASTE ORGANOARSENIC COMPOUND, N.O.S., 6.1, UN3280, II, (ARSENIC) 31	1	DP	1	p	D005
b.	x	WASTE TOXIC LIQUID ORGANIC N.O.S., 6.1, UN2810, II, (LEAD, 1,1,1-TRICHLOROETHANE) 4	1	DM	273	p	U225 D001
c.	x	WASTE TOXIC SOLID, CORROSIVE, INORGANIC, N.O.S., 6.1, UN3290, II, (SODIUM DICHROMATE) 18	1	DP	1	p	D007
d.	x	WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, II, (CADMIUM) 13	1	DP	1	p	D006
e.	x	WASTE TOXIC, LIQUIDS, ORGANIC, N.O.S., 6.1, UN2810, II, (ANILINE, TRIMETHYL ARSINE) 25	1	DM	1	p	U002 D001
f.	x	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910 36	1	DM	20	p	D001
g.	x	WASTE CORROSIVE SOLID, FLAMMABLE, N.O.S., 8, UN2921, II, (HYDRAZINE DIHYDROCHLORIDE) 20	1	DM	1	p	D001
h.	x	WASTE ETHYLENEDIAMINE, 8, UN1604, II 32	1	DP	1	p	D001 D001
i.	x	HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (SILVER OXIDES) 2	1	DM	1	p	D011
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. RS2075 C97037760 28b. RS2091 100900 28c. RS2007 C02152397 28d. RS2092 C02152349 28e. RS2090 C92027751				28f. RS2000 C97099423 28g. RS 2045 C02153003 28h. RS2002 C97097827 28i. RS2076 89183100 "Exclusive use Shipment"			
32. Special Handling Instructions and Additional Information							
EMERGENCY PHONE NO: (505) 667-6211 28a. ERGNO: 151 28b. ERGNO: 153 28c. ERGNO: 154 28d. ERGNO: 151 28e. ERGNO: 153 28f. ERGNO: 161 28g. ERGNO: 134 28h. ERGNO: 132 28i. 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							

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02162	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			
24. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.				M. State Generator's ID			
25. US EPA ID Number CAT000624247				N. State Transporter's ID			
26. Transporter Company Name				O. Transporter's Phone: 505-331-1500			
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.	
HM	No.	Type					
a.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (SILVER)	1	DF	1	p	0011
		11					
b.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS ARSENIC, LEAD, MERCURY)	1	DF	12	p	0004 0005 0006
		27					
c.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III	1	DK	1	p	0011
		8					
d.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS SILVER HEPTAFLUOROBUTYRATE)	1	DF	1	p	0011
		34					
e.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, LEAD)	1	DF	1	p	0004 0005 0006
		38					
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM)	1	DF	2	p	0007
		39					
g.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM)	1	DF	1	p	0007
		30					
h.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, UN3077, III	1	DF	3	p	0007 0010 0011
		19					
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. ERGNO: 171 28b. ERGNO: 171 28c. ERGNO: 171 28d. ERGNO: 171 28e. ERGNO: 171 28f. ERGNO: 171 28g. ERGNO: 171 28h. ERGNO: 171				SOI/HMI			
				HISL			
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							
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							



Waste Disposition Program
 P.O. Box 1663, Mail Stop J591
 Los Alamos, New Mexico 87545
 (505) 667-6952 / FAX: (505) 665-8118

Date: January 29, 2003
 Refer to RRES/SA-2003-331

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
 Environmental Specialist
 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 3.2 (J) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

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 3.2 (J) 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 Section 3.2 of the CPV was initiated on December 18, 2002, and completed on December 20, 2002. The waste was sent to Envirocare of Utah, Inc., in Clive Utah. The total volume of STP waste shipped to Envirocare is 3.99 cubic meters. 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)
3.2	LA-W925	Mercury Wastes - TBD	02165	3.99
Total STP Volume Shipped				3.99

Documentation that waste was received at Envirocare 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
B. C. Duy, FWO-SWO, MSJ595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (J)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (J)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

1/29/03

Date Signed

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

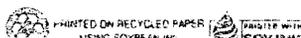
Date Signed

TK 262A / 438501

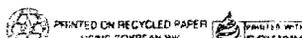
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02165	2. Page 1 of 3	Information in the shaded area is not required by Federal law.		
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS 3595, Los Alamos, NM 87545				A. State Manifest Document Number			
4. Generator's Phone (505) 845-6158				B. State Generator's ID			
5. Transporter 1 Company Name HEFFMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933			
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Tooele County, I-80, Exit 49, West of Salt Lake City Clive, UT 84029		10. US EPA ID Number UTD982598898		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility's ID			
				H. Facility's Phone 435-884-0155			
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	a.	x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	CM	142	p	0009
	b.	x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, Fissile excepted, Pl 239, 8.399E-10 TBq	1	DN	25	p	0009
	c.	x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DN	30	p	0009
	d.	x WASTE CORROSIVE SOLID, TOXIC, N.O.S., 8, UN2923, II, (MERCURY, 1,1,1-TRICHLOROETHANE)	1	DN	12	p	F001 0009
J. Additional Descriptions for Materials Listed Above 11a. C95049398 11b. C96072238 11c. C96070299 11d. C93037017 *Exclusive use Shipment*			K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 161 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 154			9006-02-M05462 HMTF#: 02121101				
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. Newby		Signature 		Month Day Year 11/21/2012			
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials						
	Printed/Typed Name TEFF Brooks		Signature 		Month Day Year 11/21/2012		
	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 Shawn DeRyke		Signature 		Month Day Year 11/21/2012			



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02165		22. Page 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									
24. Transporter ¹ Company Name HITTMAN TRANSPORTATION SERVICES, INC.						25. US EPA ID Number TND987783065		N. State Transporter's ID									
26. Transporter _____ 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		R. Waste No.					
						No.		Type									
GENERATOR		a. <input checked="" type="checkbox"/> <small>HM</small>		HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY), LIMITED QUANTITY RADIOACTIVE MATERIAL				1		DK		2		p		D009	
		b. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY)				2		DK		100		p		D009	
		c. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY)				1		DK		30		p		D009	
		d. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)				3		DK		95		p		D009	
		e. <input checked="" type="checkbox"/> <small>RQ</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD, MERCURY)				1		DF		27		p		D006 D008 D009	
		f. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS MERCURY)				3		DK		109		p		D009	
		g. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)				17		DK		1467		p		D009	
		h. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)				1		DK		60		p		D009	
		i. <input checked="" type="checkbox"/> <small>X</small>		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)				3		DF		9		p		D009	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above											
28a. C93037584						28f. C95050073 C96061851 C96070835											
28b. C92026520 C92026522						28g.											
28c. C92026523						28h. C95046940											
28d. C95056436 C95060739 C96067427						28i. C95056586 C96065594 C97099591											
28e. C00127191																	
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 <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02165		22. Pages 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 HITMAN 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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.							
						No.		Type											
a.		x		HAZARDOUS WASTE, SOLID, W.O.S., 9, NA3077, III, (MERCURY LEAD)						1		DM		100		p		D007 D008 D009	
b.		x		HAZARDOUS WASTE, SOLID, W.O.S., 9, NA3077, III, (MERCURY)						1		DM		150		p		D009	
c.		x		HAZARDOUS WASTE, SOLID, W.O.S., 9, NA3077, III, (MERCURY)						1		DM		1		p		D009	
d.																			
e.																			
f.																			
g.																			
h.																			
i.																			
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above													
28a. C92025886																			
28b. 91005297																			
28c. C91021437																			
32. Special Handling Instructions and Additional Information																			
EMERGENCY PHONE NO: (505) 667-6211																			
28a. ERGNO: 171 28b. ERGNO: 171 28c. 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																			



TK 262A / 438501

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. NMO890010515		Manifest Document No. 02165		2. Page 1 of 3		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						A. State Manifest Document Number							
4. Generator's Phone (505) 665-6158						B. State Generator's ID							
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.				6. USEPA ID Number TND987783065		C. State Transporter's ID							
7. Transporter 2 Company Name				8. USEPA ID Number		D. Transporter's Phone 800-233-9933							
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Tooele County, I-80, Exit 49, West of Salt Lake City Clive, UT 84029				10. USEPA ID Number UTD982598898		E. State Transporter's ID							
						F. Transporter's Phone							
						G. State Facility's ID							
						H. Facility's Phone 435-884-0155							
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.	
a. x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910						1		142		p		0009	
b. x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, Fissile excepted, Pu 239, 8.399E-10 TBq						1		25		p		0009	
c. x WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910						1		30		F		0009	
d. x WASTE CORROSIVE SOLID, TOXIC, H.O.S., 8, UN2923, 11, MERCURY, 1,2,1-TRICHLOROETHANE!						1		12		F		0001 0009	
J. Additional Descriptions for Materials Listed Above 11a. C95049396 11b. C96072238 11c. C96070299 11d. C93037017 *Exclusive use shipment*						K. Handling Codes for Wastes Listed Above							
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 161 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 156						9006-02-M05462 HMFF: 02121101							
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. Newby Signature: [Signature] Month Day Year: 11/21/02							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name: JEFF BECKS Signature: [Signature] Month Day Year: 11/21/02							
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: Shawn DeRyke Signature: [Signature] Month Day Year: 11/21/02							

Style CF 17 LABELMASTER® (500) 621-5808 www.labelmaster.com

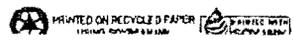
EPA Form 8700-22 (Rev. 9-88) Previous editions are obsolete.
ORIGINAL-RETURN TO GENERATOR



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. 02165	22. Page 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 HITMAN 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)		29. Containers		30. Total Quantity	31. Unit Wt/Vol	H. Waste No.
	RM	No.	Type			
a.	X	1	DK	2	p	0009
HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY), LIMITED QUANTITY RADIOACTIVE MATERIAL						
b.	X	2	DK	100	p	0009
HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
c.	X	1	DK	30	p	0009
HAZARDOUS WASTE SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
d.	X	3	DK	95	p	0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
e.	BQ	1	DF	27	p	0006 0008 0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD, MERCURY)						
f.	X	3	DN	109	p	0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS MERCURY)						
g.	X	17	DK	1467	p	0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
h.	X	1	DK	60	p	0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
i.	X	3	DF	9	p	0009
HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
28a. C92026520 C92026522				28f. C95050073 C96061051 C96070835		
28b. C92026523				28g.		
28c. C95056436 C95056739 C96067427				28h. C95046940		
28d. C00127191				28i. C95056506 C96065594 C97099591		
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					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						

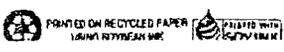


ORIGINAL-RETURN TO GENERATOR

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. 02165	22. Pages 3	Information in the shaded areas is not required by Federal law.	
23. Generator's Name U of CA LANE for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number		
24. Transporter 1 Company Name RITTMAN TRANSPORTATION SERVICES, INC.				25. US EPA ID Number IND987783065		M. State Generator's ID
26. Transporter Company Name				27. US EPA ID Number		N. State Transporter's ID
						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	R. Waste No.
a.	HM K	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY LEAD)		1	DN	100 p 0007 0008 0009
b.	K	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)		1	DN	150 p 0009
c.	K	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)		1	DN	1 p 0009
d.						
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above 28a. C91025884 28b. 91005297 28c. C91021437				T. Handling Codes for Wastes Listed Above		
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 171 28b. ERGNO: 171 28c. ERGNO: 171						
T R A N S P O R T E R	33. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature	Month	Day
F A C I L I T Y	34. Transporter Acknowledgement of Receipt of Materials				Date	
	Printed/Typed Name			Signature	Month	Day
35. Discrepancy Indication Space						



ORIGINAL-RETURN TO GENERATOR



Waste Disposition Program
 P.O. Box 1663, Mail Stop J591
 Los Alamos, New Mexico 87545
 (505) 667-6952 / FAX: (505) 665-8118

Date: March 24, 2003
 Refer to RRES/SA-2003-365

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
 Environmental Specialist
 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 3.1.11 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of the required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.11 (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 Section 3.1.11 of the CPV was initiated on February 20, 2003, and completed on February 24, 2003. The waste was sent to Diversified Scientific Services, Inc. (DSSI), in Kingston, Tennessee. The total volume of STP waste shipped to DSSI is 0.73 cubic meters. The volume of waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.11	LA-W909	Bulk Oils	02225	0.73
Total STP Volume Shipped				0.73

An expedited shipment request for this waste was sent to NMED on February 14, 2003, reference correspondence number RRES/SA-2003-345. This letter stated, "the item will be proposed for addition to the STP during the next Annual Revision." A copy of this request is attached for reference.

March 24, 2003

Documentation that waste was received at Envirocare 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
~~D. Wilburn, RRES-SA, MS J591~~
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T.Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.11 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02225	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 LAND for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				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		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933		
9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763				10. US EPA ID Number TND982109142		E. State Transporter's ID
				F. Transporter's Phone		G. State Facility's ID
				H. Facility's Phone 865-376-0086		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	14. Unit W/Vol	1. Waste No.	
a. x HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS FLUORENE, HEXACHLOROCYCLOPENTADIENE)		1	31	P	D030 D032 D033 D034 D036 D037 D038 D041 D042 D043	
b. x HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS LEAD, CADMIUM)		17	1505	P	D046 D048 D049 D050 D051 D052 D053 D054 D055 D056 D057 D058 D059 D062 D063	
c. x HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS LEAD, CADMIUM, BENZENE)		1	4	P	D066 D068 D069 D070 D071 D072 D073 D074 D075 D076 D077 D078 D079 D081 D082 D083 D084 D085 D086 D087 D088 D089 D090 D091 D092 D093 D094 D095 D096 D097 D098 D099 D100 D101 D102 D103 D104 D105 D106 D107 D108 D109 D110 D111 D112 D113 D114 D115 D116 D117 D118 D119 D120 D121 D122 D123 D124 D125 D126 D127 D128 D129 D130 D131 D132 D133 D134 D135 D136 D137 D138 D139 D140 D141 D142 D143 D144 D145 D146 D147 D148 D149 D150 D151 D152 D153 D154 D155 D156 D157 D158 D159 D160 D161 D162 D163 D164 D165 D166 D167 D168 D169 D170 D171 D172 D173 D174 D175 D176 D177 D178 D179 D180 D181 D182 D183 D184 D185 D186 D187 D188 D189 D190 D191 D192 D193 D194 D195 D196 D197 D198 D199 D200 D201 D202 D203 D204 D205 D206 D207 D208 D209 D210 D211 D212 D213 D214 D215 D216 D217 D218 D219 D220 D221 D222 D223 D224 D225 D226 D227 D228 D229 D230 D231 D232 D233 D234 D235 D236 D237 D238 D239 D240 D241 D242 D243 D244 D245 D246 D247 D248 D249 D250 D251 D252 D253 D254 D255 D256 D257 D258 D259 D260 D261 D262 D263 D264 D265 D266 D267 D268 D269 D270 D271 D272 D273 D274 D275 D276 D277 D278 D279 D280 D281 D282 D283 D284 D285 D286 D287 D288 D289 D290 D291 D292 D293 D294 D295 D296 D297 D298 D299 D300 D301 D302 D303 D304 D305 D306 D307 D308 D309 D310 D311 D312 D313 D314 D315 D316 D317 D318 D319 D320 D321 D322 D323 D324 D325 D326 D327 D328 D329 D330 D331 D332 D333 D334 D335 D336 D337 D338 D339 D340 D341 D342 D343 D344 D345 D346 D347 D348 D349 D350 D351 D352 D353 D354 D355 D356 D357 D358 D359 D360 D361 D362 D363 D364 D365 D366 D367 D368 D369 D370 D371 D372 D373 D374 D375 D376 D377 D378 D379 D380 D381 D382 D383 D384 D385 D386 D387 D388 D389 D390 D391 D392 D393 D394 D395 D396 D397 D398 D399 D400 D401 D402 D403 D404 D405 D406 D407 D408 D409 D410 D411 D412 D413 D414 D415 D416 D417 D418 D419 D420 D421 D422 D423 D424 D425 D426 D427 D428 D429 D430 D431 D432 D433 D434 D435 D436 D437 D438 D439 D440 D441 D442 D443 D444 D445 D446 D447 D448 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D2037 D2038 D2039 D2040 D2041 D2042 D2043 D2044 D2045 D2046 D2047 D2048 D2049 D2050 D2051 D2052 D2053 D2054 D2055 D2056 D2057 D2058 D2059 D2060 D2061 D2062 D2063 D2064 D2065 D2066 D2067 D2068 D2069 D2070 D2071 D2072 D2073 D2074 D2075 D2076 D2077 D2078 D2079 D2080 D2081 D2082 D2083 D2084 D2085 D2086 D2087 D2088 D2089 D2090 D2091 D2092 D2093 D2094 D2095 D2096 D2097 D2098 D2099 D2100 D2101 D2102 D2103 D2104 D2105 D2106 D2107 D2108 D2109 D2110 D2111 D2112 D2113 D2114 D2115 D2116 D2117 D2118 D2119 D2120 D2121 D2122 D2123 D2124 D2125 D2126 D2127 D2128 D2129 D2130 D2131 D2132 D2133 D2134 D2135 D2136 D2137 D2138 D2139 D2140 D2141 D2142 D2143 D2144 D2145 D2146 D2147 D2148 D2149 D2150 D2151 D2152 D2153 D2154 D2155 D2156 D2157 D2158 D2159 D2160 D2161 D2162 D2163 D2164 D2165 D2166 D2167 D2168 D2169 D2170 D2171 D2172 D2173 D2174 D2175 D2176 D2177 D2178 D2179 D2180 D2181 D2182 D2183 D2184 D2185 D2186 D2187 D2188 D2189 D2190 D2191 D2192 D2193 D2194 D2195 D2196 D2197 D2198 D2199 D2200 D2201 D2202 D2203 D2204 D2205 D2206 D2207 D2208 D2209 D2210 D2211 D2212 D2213 D2214 D2215 D2216 D2217 D2218 D2219 D2220 D2221 D2222 D2223 D2224 D2225 D2226 D2227 D2228 D2229 D2230 D2231 D2232 D2233 D2234 D2235 D2236 D2237 D2238 D2239 D2240 D2241 D2242 D2243 D2244 D2245 D2246 D2247 D2248 D2249 D2250 D2251 D2252 D2253 D2254 D2255 D2256 D2257 D2258 D2259 D2260 D2261 D2262 D2263 D2264 D2265 D2266 D2267 D2268 D2269 D2	

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.
NM 0890010515

Manifest Document No.
02225

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

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

29. Containers
No. Type

30. Total Quantity

31. Unit Wt/Vol

32. Waste No.

a. **x** HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS TRICHLOROBENZENE, 2,3,4,6-TETRACHLOROPHENOL)

1 DF

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p

0008 0009 0014 0027
0028 0030 0032 0033
0034 0036 0037 0038
0041 0042 0043

S. Additional Descriptions for Materials Listed Above

28a. C02152928 #03-02-007

T. Handling Codes for Wastes Listed Above

S01, S02, T01, T04, T80

32. Special Handling Instructions and Additional Information

EMERGENCY PHONE NO: (505) 667-6211
28a. 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

GENERATOR
TRANSPORTER
FACILITY

Los Alamos

NATIONAL LABORATORY

Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: May 20, 2003
Refer to RRES/SA-2003-401

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
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 3.2 (J) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

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 3.2 (J) 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 Section 3.2 of the CPV was initiated on April 4, 2003, and completed on April 7, 2003. The waste was sent to Perma-Fix in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.02 cubic meters. The volume of STP waste shipped is described in the following table:

STP Section	MMWR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.2	LA-W933	Lab Packs	02248	0.02
Total STP Volume Shipped				0.02

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

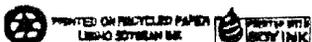
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (J)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM089G010515	Manifest Document No. 02248	2. Page 1 of 5	Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address P of CA LANK for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM, 87545							
4. Generator's Phone (505) 665-6158							
5. Transporter 1 Company Name PERMA TRANSPORTATION SERVICES, INC.		6. US EPA ID Number CAT 888634247					
7. Transporter 2 Company Name		8. US EPA ID Number					
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number ELD980711071					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers	13. Total Quantity	14. Unit Wt/Vol
a.	X	WASTE ETHANOL, 3, UN1170, II	27	1	DF	7	P
b.	X	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I, (CONTAINS ACETONE, TOLUENE)	6	1	DF	19	P
c.	X	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS METHANOL, ACETONE, BENZENE)	22	1	DF	1	P
d.	X	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS ETHANOL, ISOPROPRANOL)	16	1	DF	1	P
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 HMFF#: 03032004							
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. Newby		Signature <i>[Signature]</i>		Month Day Year 10/10/03			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name DENNIS GETTON		Signature <i>[Signature]</i>		Month Day Year 10/10/03			
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 Steve Williams		Signature <i>[Signature]</i>		Month Day Year 10/10/03			



Please print or type. (Form designed for use on 6-line (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. 02248	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			

24. Transporter Company Name MP ENVIRONMENTAL SERVICES	25. US EPA ID Number CA000624247
26. Transporter Company Name	27. US EPA ID Number

28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unk W/Vol
	No.	Type		
a. WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, (CONTAINS ETHYL ACETATE, DODDCAKE) 12	1	DF	8	P
b. WASTE FLAMMABLE LIQUIDS TOXIC, N.O.S., 3, UN1992, I, (CONTAINS METHYLENE CHLORIDE, DIETHYL ETHER) 7	1	DF	12	P
c. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS ACETONE, METHYL ETHYL KETONE) 1	1	DR	36	P
d. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS ACETONE, METHYL ETHYL KETONE) 1	1	DF	16	P
e. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS ACETONE, METHYL ETHYL KETONE) 10	1	DR	74	P
f. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS ACETONE, TOLUENE) 15	1	DR	5	P
g. WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS METHYL ETHYL KETONE, TOLUENE) 30	1	DR	92	P
h. WASTE LITHIUM BATTERIES, POUSED SOLID, 4.3, UN3090, II 1	1	DF	1	P
i. WASTE OXIDIZING SOLID, N.O.S., 5.1, UN1473, II, (CONTAINS CERIC SULFATE) 28	1	DF	1	P



32. Special Handling Instructions and Additional Information
 EMERGENCY PHONE NO: (505) 667-6211
 26a. ERGNO: 128 26b. ERGNO: 131 26c. ERGNO: 133 26d. ERGNO: 133 26e. ERGNO: 133 26f. ERGNO: 133
 26g. ERGNO: 133 26h. ERGNO: 138 26i. ERGNO: 140

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

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

Form Approved OMB No. 2090-0038

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02248	22. Page 5	Information in the shaded area is not required by Federal law.		
23. Generator's Name W OF CA LAB, for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J593, Los Alamos, NM 87545							
24. Transporter Company Name WINDY TRANSPORTATION SERVICES, INC. MP ENVIRONMENTAL SERVICE		25. US EPA ID Number <i>ep</i> END987703065 ICAT000624247					
26. Transporter Company Name		27. US EPA ID Number					
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)					29. Containers	30. Total Quantity	31. Unit W/Vol
			No.	Type			
a.	WASTE PERCHLORIC ACID SOLUTION, 5.1, UN1673, I	29	1	DF	5	P	
b.	WASTE NITROBENZENE, 6.1, UN1662, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	3	1	DF	0	P	
c.	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	45, 8, 23, 25	5	DF	11	P	
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 CS137 PU238 PU239 U235, 1.33e-05 PBq, Plutonium Excepted, LSA-II	17	1	DN	67	P	
e.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 CS137 PU238 PU239 U235, 7.74e-06 PBq, Plutonium Excepted, LSA-II	18	1	DN	39	P	
f.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 CS137 PU238 PU239 U235, 1.06e-05 PBq, Plutonium Excepted, LSA-II	19	1	DN	55	P	
g.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 CS137 PU238 PU239 U235, 1.10e-05 PBq, Plutonium Excepted, LSA-II	20	1	DN	55	P	
h.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 CS137 PU238 PU239 U235, 5.30e-05 PBq, Plutonium Excepted, LSA-II	21	1	DN	265	P	
i.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, ORGANICS, AN241 PU238 PU239 U235 U238, 3.05e-05 PBq, Radioactive White I, LSA-II	31	1	DN	69	P	
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 143 28b. ERGNO: 152 28c. ERGNO: 161 28d. ERGNO: 162 28e. ERGNO: 162 28f. ERGNO: 162 28g. ERGNO: 162 28h. ERGNO: 162 28i. ERGNO: 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							

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

Form Approved. OMB No. 2250-0039.

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02248	22. Page 5	Information in the shaded areas is not required by Federal law.
23. Generator's Name W of CA LANE for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545					
24. Transporter Company Name WHEEL TRANSPORTATION SERVICES, INC. MP ENVIRONMENTAL SERVICES		25. US EPA ID Number END 307703005 CAT 000232225			
26. Transporter Company Name		27. US EPA ID Number			
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.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, NITRATES, AN241 PU238 PU239 U235 U238, 3.87e-07 TBq, Flammable Excepted, LSA-II 33	1	DF	2	P
b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, NITRATES, AN241 PU238 PU239 U235 U238, 4.80e-07 TBq, Flammable Excepted, LSA-II 34	1	DF	1	P
c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Solid, NITRATES, AN241 PU238 PU239 U235 U238, 5.79e-07 TBq, Flammable Excepted, LSA-II 35	1	DF	1	P
d.	WASTE CORROSIVE LIQUID, ACIDIC INORGANIC, N.O.S., 8, UN3264, II, (CONTAINS ACETIC ACID, NITRIC ACID) 11	1	DF	4	P
e.	WASTE CORROSIVE LIQUID, ACIDIC INORGANIC, N.O.S., 8, UN3264, II, (CONTAINS HYDROCHLORIC, NITRIC AND HYDROFLUORIC ACID) 24	1	DF	13	P
f.	WASTE POTASSIUM HYDROXIDE, SOLUTION, 8, UN1814, II 14	1	DF	1	P
g.	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS METHYL ETHYL KETONE, PYRIDINE) 2	1	DF	1	P
h.	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS SELENIUM) 32	1	DF	5	P
i.	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, SILVER) 1	1	DF	10	P
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 162 28b. ERGNO: 162 28c. ERGNO: 162 28d. ERGNO: 154 28e. ERGNO: 154 28f. ERGNO: 154 28g. ERGNO: 171 28h. ERGNO: 171 28i. 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					

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. NM0690010515	Manifest Document No. 02248	22. Page 5	Information in the shaded areas is not required by Federal law.
	23. Generator's Name W of CA LAFL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545			

24. Transporter Company Name WYCKEL TRANSPORTATION SERVICES, INC. MP ENVIRONMENTAL SERVICES	25. US EPA ID Number PN0907782003 CA7200632247
26. Transporter Company Name	27. US EPA ID Number

a.	b.	c.	d.	e.	f.	g.	h.	i.	29. Containers		30. Total	31. Unit
									No.	Type	Quantity	Wt/Vol
X	X								2	DF	4	P
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) HAZARDOUS WASTE, SOLID, N.O.S., 9, HAZWY, III, (CONTAINS LEAD) 13, 26												
HAZARDOUS WASTE, SOLID, N.O.S., 9, HAZWY, III, (CONTAINS SILVER, BARIUM) 9												



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

GENERATOR TRANSPORTER FACILITY



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: June 13, 2003
Refer to RRES/SA-2003-407

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Environmental Specialist
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 3.1.5 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Mr. Will:

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 3.1.5 (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 Section 3.1.5 of the CPV was initiated on April 30, 2003, and completed on May 1, 2003. The waste was sent to Envirocare of Utah, Inc., in Clive Utah. The total volume of STP waste shipped to Envirocare is 0.92 cubic meters. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifes Number	Volume Shipped (m ³)
3.1.5	LA-W921	Activated or Inseperable Lead	02273	0.92
Total STP Volume Shipped				0.92

June 13, 2003

Documentation that waste was received at Envirocare 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.5 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**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.

Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 6, 2003
Refer to RRES/SA-2003-436

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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 Section 3.2 (K) of the CPV was initiated on August 21, 2003, and completed on August 25, 2003, and August 26, 2003. The waste was sent to three facilities: 1) Diversified Scientific Services, Inc., of Kingston, TN; 2) Material and Energy Corporation of Oak Ridge, TN; and 3) Permafrix, Inc., of Gainesville FL. The total volume of STP waste shipped was 0.21 cubic meters. 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)
3.2	LA-W933	Lab Packs	02383, 02389, 02384, 02385, 02388	0.21
Total STP Volume Shipped				4.08

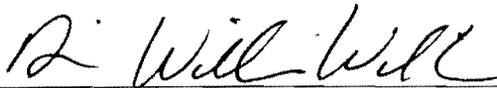
Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

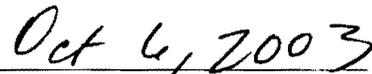
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

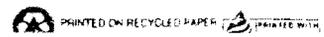
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02383	2. Page 1 of 4	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783023		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-333-9933		
9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763				E. State Transporter's ID		
10. US EPA ID Number TND982109142				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 865-376-0084		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.	
a. <input checked="" type="checkbox"/> WASTE CARBON DISULFIDE, 3, UN1131, I		No. 1 Type DF	1	p	P022 D001 D003	
b. <input checked="" type="checkbox"/> WASTE ETHYL ISOCYANATE, 3, UN2481, I, POISON-INHALATION HAZARD ZONE A; DOT E9168		1 CF	1	p	D001 D003	
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, CORROSIVE, N.O.S., 3, UN2924, I, (DIMETHYLDICHLOROSILANE, METHYLTRICHLOROSILANE) DOT-E11153		1 DF	1	p	D001 D002 D003	
d. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (METHYL-N-PROPYL ETHER, IODONETHYL PROPANE)		1 DF	1	p	U220 D001 D003	
J. Additional Descriptions for Materials Listed Above 11a. 02-09-40 C97097645 11b. 02-09-43 C97097647 11c. C97097646 03-07-024 11d. 02-09-36 C97097744 D551-03-156				K. Handling Codes for Wastes Listed Above S01, S02, T01, T04, T80		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 131 11b. ERGNO: 155 11c. ERGNO: 132. 11d. ERGNO: 128 63081903 HMTF1-000000						
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 <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 02/2/03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN CHERPAN		Signature <i>[Signature]</i>		Month Day Year 08/21/03		
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 Dawn Lowe		Signature <i>[Signature]</i>		Month Day Year 10/8/2003		



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. 000000000000000000	Manifest Document No. 000000	22. Page. 1	Information in the shaded areas is not required by Federal law.		
		23. Generator's Name [Faded text]					L. State Manifest Document Number
24. Transporter Company Name MP Environmental			25. US EPA ID Number CATA000124247	N. State Transporter's ID		M. State Generator's ID	
26. Transporter Company Name			27. US EPA ID Number	O. Transporter's Phone 833-7402		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			
GENERATOR	a.	[Faded]					[Faded]
	b.	[Faded]					[Faded]
	c.	[Faded]					[Faded]
	d.	[Faded]					[Faded]
	e.	[Faded]					[Faded]
	f.	[Faded]					[Faded]
	g.	[Faded] DOT-E11153					[Faded]
	h.	[Faded]					[Faded]
	i.	[Faded]					[Faded]
	S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above S01, S02, T01, T04, T80			
32. Special Handling Instructions and Additional Information							
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							

10/20/07

TRANSPORTER FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.			
		23. Generator's Name					L. State Manifest Document Number	
24. Transporter Company Name			25. US EPA ID Number	N. State Transporter's ID				
26. Transporter Company Name			27. US EPA ID Number	O. Transporter's Phone				
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)			29. Containers No.	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.		
a. (Methyl Ethyl Ketone Peroxide) 545% b. c. d. DOT-E9723 e. DOT-E9723 f. DOT-E-9723 g. DOT-E9723 h. DOT-E9723 i.			No.	Type				
			S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above		
			32. Special Handling Instructions and Additional Information					
			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					

01
10/03

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.
23. Generator's Name				L. State Manifest Document Number	
24. Transporter Company Name				M. State Generator's ID	
25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone	
26. Transporter Company Name		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	
		29. Containers		30. Total Quantity	31. Unit Wt/Vol
		No.	Type		R. Waste No.
a.	WASTE BATTERIES... DOT-E 11153, DOT-E 9723				
b.	WASTE... DOT-E 11153				
c.	WASTE...				
d.	WASTE...				
e.	WASTE...				
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
03-07-022				S01, S02, T01, T04, T80	
32. Special Handling Instructions and Additional Information					
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					

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02389	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 16663, MS J595, Los Alamos, NM 87545		4. Generator's Phone (505) 665-6158			
5. Transporter 1 Company Name MP Environmental		6. US EPA ID Number CA7000624277		7. Transporter 2 Company Name HITMAN TRANSPORTATION SERVICES, INC.	
8. US EPA ID Number		9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763			
10. US EPA ID Number		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			
12. Containers		13. Total Quantity		14. Unit W/Vol	
No. Type		Quantity		W/Vol	
a.	X WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	34	P
b.	X WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1993, II, (METHYL SULFIDE, PNEOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	88	P
c.	X WASTE PYROPHORIC LIQUID, INORGANIC, N.O.S., 4.2, UN3194, I, (COBALT CARBONYL), LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153	1	CF	1	P
d.	X WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2845, I, (PHENYL LITHIUM), LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153	1	CF	2	P
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 128 11b. ERGNO: 131 11c. ERGNO: 135 11d. ERGNO: 135 HMT#: 03082001					
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 08/21/03	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name JOHN CHESTER		Signature 		Month Day Year 08/21/03	
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 Dawn Lowe		Signature 		Month Day Year 08/26/03	

0, 0/03

GENERATOR

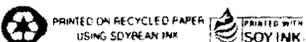
TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0590010515	Manifest Document No. 02389	22. Page 2	Information in the shaded areas is not required by Federal law.	
23. Generator's Name LOS ALAMOS NATIONAL LABORATORY P.O. Box 16633, MS 1663, Los Alamos, NM 87545		24. Transporter's Company Name MPE Environmental		25. US EPA ID Number CAT000624247		
26. Transporter Company Name		27. US EPA ID Number				
GENERATOR	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		29. Containers		30. Total Quantity	31. Unit Wt/Vol
	a.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1115	1	CF	1	g
	b.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	CF	10	g
	c.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	CF	2	g
	d.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE	1	CF	2	g
	e.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE	1	CF	2	g
	f.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE	1	CF	1	g
	g.	WASTE URANIUM DIOXIDE, URANIC OXIDES, N.O.S., 4.2, UN2808, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	CF	1	g
	h.					
	i.					
32. Special Handling Instructions and Additional Information 28a. ERGNO: 155 28b. ERGNO: 155 28c. ERGNO: 155 28d. ERGNO: 155 28e. ERGNO: 155 28f. ERGNO: 155 28g. ERGNO: 155						
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						

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02384		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						A. State Manifest Document Number		B. State Generator's ID							
4. Generator's Phone (505) 665-6158		5. Transporter 1 Company Name MP Environmental HITTAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number CAT 000124347 TND 987783065		C. State Transporter's ID		D. Transporter's Phone 800-333-4433									
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID									
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830						10. US EPA ID Number TN0000005397		H. Facility's Phone 865-425-1229									
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.					
						a.		No.		Type							
						x		1		DK		1		p		D001	
						b.		1		DF		1		p		D001 D003 D011	
						c.		1		DF		40		p		D003	
d.		1		DF		1		p		U204 D010							
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above											
11a. 02-10-89 C92026740 11b. 02-10-70 C02145723 11c. C00123980 P3-05-03 ETPP-03-137 11d. 02-10-58 C02152563																	
15. Special Handling Instructions and Additional Information																	
'EMERGENCY PHONE NO: (505) 667-6211'																	
11a. ERGNO: 135 11b. ERGNO: 140 11c. ERGNO: 157 11d. ERGNO: 151										03081902 HMTF: 00000							
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 <i>[Signature]</i>				Signature <i>[Signature]</i>				Month Day Year 02/2/03									
17. Transporter 1 Acknowledgement of Receipt of Materials																	
Printed/Typed Name JOHN CHERPAK				Signature <i>[Signature]</i>				Month Day Year 08/21/03									
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 Kimberly Hurep				Signature <i>[Signature]</i>				Month Day Year 08/21/03									



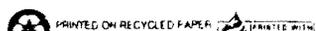
UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.	
23. Generator's Name				L. State Manifest Document Number		
				M. State Generator's ID		
24. Transporter Company Name		25. US EPA ID Number		N. State Transporter's ID		
HP Environmental		CAT 000614191		O. Transporter's Phone		
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)				29. Containers	30. Total Quantity	31. Unit Wt/Vol
				No.	Type	R. Waste No.
a.						
b.	Radioactive white I oxide on 7/19/03					
c.						
d.	Radioactive white I oxide on 7/19/03					
e.	Radioactive white I oxide on 7/19/03					
f.	DOT-E-9723					
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
P3-07-04 P3-07-05 02-11-18				P3-07-06		
32. Special Handling Instructions and Additional Information						
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						

10.
10/03

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02385	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LAML for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number CAT 08 77 11 11 FLD 98 77 93 065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-833-7602 233-9933		
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				E. State Transporter's ID		
10. US EPA ID Number FLD980711071				F. Transporter's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers		13. Total Quantity
				No.	Type	14. Unit Wt/Vol
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, ORGANIC N.O.S., 4.1, UN1325, II				1	DF	3 p
b. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Liquid, AN241 PU238 PU239 U235 U238, 4.52e-06 TBq <i>fissile excepted on 8/19/03</i> <i>Radioactive Oxide white I</i>				1	DN	32 p
c. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, N.O.S., 7, UN2982, Liquid, AN241 H3 PU239 U235 U238, 1.35e-05 TBq <i>fissile excepted</i> <i>Radioactive white I oxide</i>				1	DN	56 p
d. <input type="checkbox"/>						
J. Additional Descriptions for Materials Listed Above 11a. C02157348 R5 3103 11b. C93034657 R5 3601 11c. C98106407 R5 3602				K. Handling Codes for Wastes Listed Above S01, Y141 H030		
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 133 11b. ERGNO: 163 11c. ERGNO: 163 03081901 HMTF#: 00000						
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 <i>Paul N. N...</i>				Signature <i>[Signature]</i>		Month Day Year 08/21/03
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN CHERPAK				Signature <i>[Signature]</i>		Month Day Year 08/21/03
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 <i>Steve Williams</i>				Signature <i>[Signature]</i>		Month Day Year 10/25/03



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02388	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LAWL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name MFE EQUIPMENT		6. US EPA ID Number ND9807483065		C. State Transporter's ID		
HIPKIN TRANSPORTATION SERVICES, INC.		ND9807483065		D. Transporter's Phone (505) 665-3999		
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 PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				G. State Facility's ID FLD980711071		
				H. Facility's Phone 352-373-6866		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit W/Vol
				No.	Type	Waste No.
a.	x	WASTE TOXIC, LIQUIDS, ORGANIC, N.O.S., 6.1, UN2810, II, (DIBROMETHANE, METHYL ORANGE), LIMITED QUANTITY-RADIOACTIVE MATERIAL		1	DF	2 P 0000
b.	x	WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., 8, UN3265, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT # 1153 DOT E 9723		1	DF	1 P 0000
c.						
d.						
J. Additional Descriptions for Materials Listed Above 11a. 003165744 RS 3665 11b. 003165746 RS 3666				K. Handling Codes for Wastes Listed Above SOLXNH		
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. BRCNO: 153 11b. BRCNO: 153 HMFFF: 03082002						
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 Falk W. Nuhry				Signature <i>[Signature]</i>		Month Day Year 08/21/03
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN CHAPMAN				Signature <i>[Signature]</i>		Month Day Year 08/21/03
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 Steve Williams				Signature <i>[Signature]</i>		Month Day Year 08/21/03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL-RETURN TO GENERATOR





Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 8, 2003
Refer to RRES/SA-2003-440

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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 Section 3.2 (K) of the CPV was initiated on August 26, 2003, and completed on August 28, 2003. The waste was sent to Duratek Bear Creek Operations in Oak Ridge, TN. The total volume of STP waste shipped was 4.08 cubic meters. 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)
3.2	LA-W934	High Activity	02386	4.08
Total STP Volume Shipped				4.08

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

10/8/2003

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

NRC FORM 540 (7-2001)		U.S. NUCLEAR REGULATORY COMMISSION UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		5. SHIPPER - NAME AND FACILITY Los Alamos National Laboratory PO Box 1663 MS J506 (Chris Dwy) Los Alamos, NM 87545		SHIPPER I.D. NUMBER HM0090010616 <input type="checkbox"/> COLLECTOR <input type="checkbox"/> PROCESSOR		7. NRC FORM 540 AND 540A PAGE 1 OF 1 PAGE(S); NRC FORM 541 AND 541A PAGE(S); NRC FORM 542 AND 542A PAGE(S); None PAGE(S); None PAGE(S);		8. MANIFEST NUMBER (Use this number on all continuation pages) 03 Duratek Case							
1. EMERGENCY TELEPHONE NUMBER 305-667-4211 <i>(include Area Code)</i>		USER PERMIT NUMBER T-TM12-LR2		SHIPMENT NUMBER 294 Q51059		<input checked="" type="checkbox"/> GENERATOR TYPE (Specify) <input type="checkbox"/>		8. CONSIGNEE - Name and Facility Duratek Bear Creek Operations 1660 Bear Creek Road Oak Ridge, TN 37830		CONTACT Jody Mioduski Tim Stewart TELEPHONE (Include Area Code) 865-904-7345 865-491-0222 DATE 8/28/03							
ORGANIZATION EMR / EM-SWD		CONTACT Chris Dwy		TELEPHONE NUMBER (Include Area Code) 865-487-8854		EPA I.D. NUMBER TH08MT793086		SIGNATURE - <i>Chris Dwy</i> Authorized consignee acknowledging waste receipt		DATE 8/28/03							
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST		8. CARRIER - Name and Address Hittman Transportation Services, Inc 1680 Bear Creek Road Oak Ridge, TN 37830		SHIPMENT DATE 8/29/2003		10. CERTIFICATION <i>8/29/03</i> I certify that the waste-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.		DATE 8/28/03							
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? If "Yes," provide Manifest Number _____		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		EPA MANIFEST NUMBER		CONTACT Karen Kirby		TELEPHONE (Include Area Code) 800-233-8933		DATE 8-26-03							
SIGNATURE - <i>Chris Dwy</i> Authorized carrier acknowledging waste receipt		DATE 8-26-03		AUTHORIZED SIGNATURE <i>C. Dwy</i>		TITLE WSM		DATE 8/29/03									
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL "RADIOACTIVE"		13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIONUCLIDES		16. TOTAL PACKAGE ACTIVITY (MBq)		17. LSAR/CO CLASS		18. TOTAL WEIGHT OR VOLUME (Use appropriate units)		19. IDENTIFICATION NUMBER OF PACKAGE	
Radioactive material, n.o.s., 7, UN2982 Scrap metal for recycle		White-I		NA		SOLID OXIDE		Cs 137 Co 60 Na 22 C 14		1.95E+05		NA				C93036369	
FOR CONSIGNEE USE ONLY																	

Received 8/28/03
B. Hansen

DURATEK INC. P. & L.

10/01/2003 16:44 FAX 865 483 9499

003



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 8, 2003
Refer to RRES/SA-2003-438

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 3.1.7 (B) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.7 (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 Section 3.1.7 (B) of the CPV was initiated on September 3, 2003, and completed on September 4, 2003. The waste was sent to Waste Control Specialists in Andrews County, TX. The total volume of STP waste shipped was 1.19 cubic meters. 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)
3.1.7	LA-W916	Water Reactive Waste	02343 02390	1.19
Total STP Volume Shipped				1.19

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

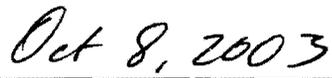
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.7 (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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Trk 603
 Van 3526

order #1950

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

Form approved. OMB No. 2050-0039.

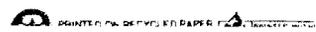
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02343	2. Page 1 of 3	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number 02129518		
4. Generator's Phone (505) 665-6158				B. State Generator's ID D0035		
5. Transporter 1 Company Name M.P. ENVIROKEM, INC. HITMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number CAT080674247 TND987783065		C. State Transporter's ID 41078		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-239-9933		
				E. State Transporter's ID 60358		
				F. Transporter's Phone		
9. Designated Facility Name and Site Address WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714				10. US EPA ID Number TXD988088464		G. State Facility's ID
				H. Facility's Phone 505-394-4300		
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
	a. WASTE LITHIUM HYDRIDE, FUSED SOLID, 4.3, UN2805, II	1	DE	1	P	D003 OUTS 315H
	b. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	18	CE	468	P	D009 OUTS 388H
	c. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910	1	DN	10	P	D009 OUTS 388H
	d. WASTE RADIOACTIVE MATERIAL, LSA, N.O.S., 7, UN2912, Solid, ELEMENTAL, AN241 PU238 PU239 U(NAT), 3.75e-07 TBq, Fissile Excepted, LSA-II EE 5/26/03	1	DE	3	P	D006 OUTS 388H
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
11a. C02153578 11b. 11c. C03160765 11d. C03160617						
15. Special Handling Requirements and Additional Information						
'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 138 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 162						
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, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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. Newby		Signature <i>[Signature]</i>		Month Day Year 09 03 03		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name JOHN CHERPAK		Signature <i>[Signature]</i>		Month Day Year 09 03 03		
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 M. J. Crawford		Signature <i>[Signature]</i>		Month Day Year 09 04 03		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.		Manifest Document No.		22. Page		Information in the shaded areas is not required by Federal law.					
		23. Generator's Name						L. State Manifest Document Number					
24. Transporter Company Name						25. US EPA ID Number				M. State Generator's ID			
26. Transporter Company Name						27. US EPA ID Number				N. State Transporter's ID			
										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		R. Waste No.	
						No.		Type					
a. _____ ED 8/26/03												OUTS 388H	
b. _____ On 9/3/03												OUTS 105H	
c. _____												OUTS 105H	
d. _____ On 9/3/03												OUTS 105H	
e. _____ On 9/3/03												OUTS 105H	
f. _____ On 9/3/03												OUTS 105H	
g. _____ On 9/3/03												OUTS 105H	
h. _____ On 9/3/03												OUTS 105H	
i. _____ On 9/3/03												OUTS 105H	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
_____ _____ _____ _____ _____						_____ _____ _____ _____ _____							
32. Special Handling Instructions and Additional Information													
_____ _____ _____ _____													
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													
_____ _____ _____													

GENERATOR

TRANSPORTER

FACILITY





Trk 603 1224
Van 3526
Order # 1951

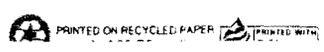
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 02390		2. Page 1 of 1		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						A. State Manifest Document Number 02129523			
4. Generator's Phone 505 665-6158						B. State Generator's ID D0035			
5. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.				6. US EPA ID Number CAT000624247		C. State Transporter's ID 41078			
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 800-833-7602			
9. Designated Facility Name and Site Address WASTE CONTROL SPECIALISTS 9998 HIGHWAY 176 WEST ANDREWS COUNTY, TX 79714				10. US EPA ID Number TXD988088464		E. State Transporter's ID			
						F. Transporter's Phone			
						G. State Facility's ID 50358			
						H. Facility's Phone 505-394-1300			
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)				12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	a. WASTE BARIUM, 4.3, UN1400, II				1	DM	5	p	D001 D003 D005 OUTS 315H
	b. WASTE BARIUM, 4.3, UN1400, II				1	DE	1	p	D001 D003 D005 OUTS 315H
	c. WASTE CALCIUM MIXTURE, 4.3, UN1401, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL				1	DE	1	p	D001 D003 OUTS 315H
	d. WASTE LITHIUM HYDRIDE, 4.3, UN1414, I				1	DM	5	p	D001 D003 OUTS 315H
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above			
11a. C91020996 11b. C97097692 11c. C98108679 11d. C97096689									
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 138 11b. ERGNO: 138 11c. ERGNO: 138 11d. ERGNO: 138									
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, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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. Newbury				Signature <i>[Signature]</i>		Month Day Year 09 03 03			
17. Transporter 1 Acknowledgement of Receipt of Materials						Date			
Printed/Typed Name JOHN CHERASK				Signature <i>[Signature]</i>		Month Day Year 09 03 03			
18. Transporter 2 Acknowledgement of Receipt of Materials						Date			
Printed/Typed Name				Signature		Month Day Year			
19. Discrepancy Indication Space Added State ID number, State transporter ID number and Facility ID #									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						Date			
Printed/Typed Name M. Crawford				Signature <i>[Signature]</i>		Month Day Year 09 04 03			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.		Manifest Document No.		22. Page		Information in the shaded areas is not required by Federal law.	
		23. Generator's Name							
24. Transporter Company Name						25. US EPA ID Number		M. State Generator's ID 00035	
26. Transporter Company Name						27. US EPA ID Number		N. State Transporter's ID 41078	
								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 No. Type		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.	
a.								OUTS 315H	
b.								OUTS 315H	
c.								OUTS 315H	
d.								OUTS 315H	
e.								OUTS 315H	
f.								OUTS 315H	
g.								OUTS 315H	
h.								OUTS 315H	
i.								OUTS 315H	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above			
32. Special Handling Instructions and Additional Information									
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									

GENERATOR
TRANSPORTER
FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No.		Manifest Document No.		22. Page		Information in the shaded areas is not required by Federal law.		
		23. Generator's Name		25. US EPA ID Number		L. State Manifest Document Number		M. State Generator's ID		
24. Transporter Company Name		26. Transporter Company Name		27. US EPA ID Number		N. State Transporter's ID		O. 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. <i>DOT E-11153</i>								OUTS 315 H		
b. <i>DOT E-11153</i>								OUTS 112 H		
c. <i>DOT E-11153</i>								OUTS 112 H		
d.								OUTS 315 H		
e.								OUTS 315 H		
f.								OUTS 315 H		
g.								OUTS 315 H		
h.								OUTS 315 H		
i.								OUTS 315 H		
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above				
32. Special Handling Instructions and Additional Information										
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										

GENERATOR

TRANSPORTER

FACILITY

GENERATOR	UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.
	23. Generator's Name	L. State Manifest Document Number			M. State Generator's ID 00035
	24. Transporter Company Name	25. US EPA ID Number	N. State Transporter's ID 41075		
	26. Transporter 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.					OUTS 315H
b.					OUTS 315H
c.					
d.					
e.					
f.					
g.					
h.					
i.					
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above	
32. Special Handling Instructions and Additional Information					
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					



Risk Reduction & Environmental Stewardship Division
Meteorology & Air Quality Group
PO Box 1663, MS J978
Los Alamos, New Mexico 87545
(505) 665-8855/Fax: (505) 665-8858

Date: March 22, 2004
Refer to: RRES-MAQ:04-099

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 3.1.7 (B) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL) CORRECTED COPY OCTOBER 8, 2003 CORRESPONDENCE RRES/SA-2003-438

Dear Ms. Winn:

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 3.1.7 (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 Section 3.1.7 (B) of the CPV was initiated on September 3, 2003, and completed on September 4, 2003. The waste was sent to Waste Control Specialists in Andrews County, TX. The total volume of STP waste shipped was 1.19 cubic meters. The **CORRECTED** volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.7	LA-W916	Water Reactive Waste	02343 02390	1.19
3.2	LA-W925	Mercury Wastes - TBD	02343	0.59
Total STP Volume Shipped				1.78

March 22, 2004

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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

DWW:alb

Enc: a/s

Cy: (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

(w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
E. Louderbough, LC-GL, MS A187
D. Christensen, FWQ-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-MAQ File



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 7, 2002
Refer to: RRES/SA-2002-307

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment an item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item (47345) if it can be included with a scheduled LANL shipment to PermaFix, Inc.

The material is Erbium Nitrate (solid) received by LANL's Facility Waste Operations on June 17, 1993. The waste was not identified as an oxidizer at that time but was characterized as a D001 (oxidizer) on November 6, 2002. Since the characterization occurred after the FY02 Annual STP Update, this material was not listed as part of STP covered waste in Rev. 12.0. The total volume of the waste is 0.0001 cubic meters.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W933	Lab Packs	0.0001

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

November 7, 2002

Included, as Enclosure A 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 (505) 667-6952 or dwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Nov 7, 2002

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 20, 2002
Refer to: RRES/SA-2002-312

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment an item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to PermaFix, Inc.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.3	LA-W906-13	<i>Aqueous Organic Liquids</i>	0.0072

Ms. Sandra Gabaldón

November 20, 2002

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantages in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldón

November 20, 2002

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.

Dianne Wilburn

Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Nov 21, 2002

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: December 9, 2002
Refer to: RRES/SA-2003-321

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment an item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2003. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to Envirocare.

STP Section to be Added to Rev 15.0	MWR Waste ID	Treatability Group	Weight of Shipment
3.2	LA-W925	Mercury Wastes	0.06

Ms. Sandra Gabaldón

December 5, 2002

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
C. Duy, FWO-SWO, MS J595

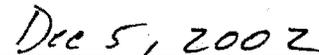
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: February 14, 2003
Refer to: RRES/SA-2003-345

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment an item that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. An expedited treatment opportunity is available for this waste item if it can be included with a scheduled LANL shipment to DSSI, Diversified Scientific Services, Inc. of Kingston, TN.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W909	Bulk Oils	0.73

Ms. Sandra Gabaldón

February 14, 2003

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldón

February 14, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
C. Duy, FWO-SWO, MS J595

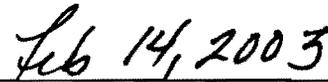
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: March 17, 2003
Refer to: RRES/SA-2003-361

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. An expedited treatment opportunity is available for waste items if it can be included with a scheduled LANL shipment to PermaFix, Inc., in Gainesville, Florida.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.3	LA-W933	Labpack	0.20

Ms. Sandra Gabaldón

March 17, 2003

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldón

March 17, 2003

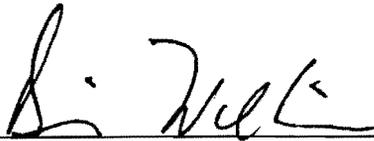
Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C.Duy, FWO-SWO, MS J595
A. Grieggs, RRES-SWRC, MS K490

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: April 11, 2003
Refer to: RRES/SA-2003-372

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Gabaldón:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. An expedited treatment opportunity is available for waste items if they can be included with a scheduled LANL shipment to Envirocare, Inc., of Utah.

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.3	LA-W921	Activated or Inseparable Lead	0.92

Ms. Sandra Gabaldón

April 11, 2003

As stated, the item will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Sandra Gabaldón

April 11, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490

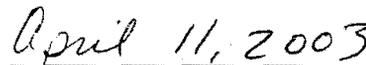
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: August 8, 2003
Refer to: RRES/SA-2003-428

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. Expedited treatment opportunities are available for waste items if they can be included with scheduled LANL shipments to Envirocare, Inc., of Utah, and to Waste Control Specialists, LLC, in Andrews County, Texas.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W934	<i>High Activity</i>	0.212
3.2	LA-W925	<i>Mercury Wastes TBD</i>	0.594
TOTAL			0.806

Ms. Lee Winn

August 8, 2003

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

August 8, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C.Duy, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

8/8/2003

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: August 18, 2003
Refer to: RRES/SA-2003-431

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. Expedited treatment opportunities are available for waste items if they can be included with scheduled LANL shipments to: Perma-Fix, Inc., in Gainesville, Florida; Diversified Scientific Services, Inc. (DSSI), in Kingston, Tennessee; and Material and Energy Corporation (M&EC) in Oak Ridge, Tennessee.

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
13.0			
3.2	LA-W933	Lab Packs	0.06
TOTAL			0.06

Ms. Lee Winn

August 18, 2003

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

August 18, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL

J. Nunz, DOE, LASO, MS A316

B. Martin, RRES-DP, MS J552

D. Wilburn, RRES-SA, MS J591

E. Louderbough, LC-GL, MS A187

D. Christensen, FWO-SWO, MS J595

Millensted, FWO-SWO, MS J595

K. Oshel, FWO-SWO, MS J595

T. Grieggs, RRES-SWRC, MS K490

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.

Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Date Signed

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

Date Signed



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: September 25, 2003
Refer to: RRES/SA-2003-435

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: SITE TREATMENT PLAN (STP) REQUEST FOR REMOVAL FROM INVENTORY, FEDERAL FACILITIES COMPLIANCE ORDER (FFCO) SECTION IX DELETION OF WASTE, LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) concerning items proposed for removal from the LANL STP in the next Annual Revision due March 31, 2004. The Federal Facility Compliance Order states in Section IX Deletion of Waste, Paragraph B, "Mixed waste may be deleted as a covered waste under this order when it is determined by NMED to no longer be subject to Land Disposal Restriction (LDR) requirements under the Hazardous Waste Act (HWA) or 20 NMAC 4.1."

During characterization of items for off-site shipment, two items in treatability group LA-W916 for Water Reactive Wastes due to their EPA Code D001 for ignitability were analyzed for Ignitability of Solids. The analytical results justify the removal of the EPA Code D001 for this waste. Therefore, this waste is low-level waste. Analytical results and analytical methodology information are included as Enclosure B. In the Annual Revision; these items will be noted as removed from the STP.

STP Section To be Removed in Rev 14.0	MWIR Waste ID	Treatability Group	Volume to be Removed from Inventory (m ³)
3.1.7	LA-W916	Water Reactive Waste	0.4164
TOTAL			0.4164

Ms. Lee Winn

September 25, 2003

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

September 25, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
K. Oshel, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490

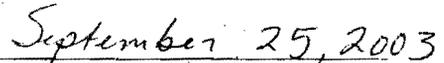
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR REMOVAL FROM INVENTORY
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: December 11, 2003
Refer to: RRES/EA-2003-457

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: PROPOSED REVISION OF MILESTONE DATE
FEDERAL FACILITIES COMPLIANCE ORDER (FFCO)
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) that LANL will be requesting an extension in the next annual update of the STP for the milestone date of February 1, 2004, for off-site shipment for items in the treatability group LA-W910, *PCB wastes with RCRA components*, per Section 3.1.11. which states "Complete shipping of existing wastes to an off-site treatment facility or complete parallel option."

MWIR Waste ID	Treatability Group	Volume
LA-W910	<i>PCB wastes with RCRA components</i>	5.58 m ³

An extension of this date to June 1, 2005 will be requested. LANL is currently researching and will be implementing a TSCA burn plan for the TSCA Incinerator and K-1423 Repack Facility in Oak Ridge, Tennessee. This facility currently accepts waste from various DOE facilities. As per Section X of the FFFCO, a revision is, "2. Any change to a compliance date of more than ninety (90) days."

Information submitted with the Annual Update will include, as per Section X, Part C, Item 2:

- a. A detailed description of the proposed revision;
- b. The rationale for the proposed revision;
- c. The anticipated length of any delay in performance that would result from the proposed revision, including all compliance dates that would be affected; and
- d. If the proposed revision would result in a delay in performance, a plan for implementing all reasonable measures to address the cause of the delay, to avoid or minimize the delay, and to avoid such delays in the future, and a schedule for implementing such plan.

Ms. Lee Winn

December 10, 2003

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

December 10, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS M319
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 19, 2002
Refer to: RRES/SA-2002-309

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: Corrections and Clarifications on Recent Communications
Los Alamos National Laboratory Site Treatment Plan**

Dear Ms. Gabaldón:

The purpose of this letter is to correct two recently submitted letters to the New Mexico Environment Department (NMED). Please refer to correspondence: RRES/SA-2002-304 and RRES/SA-2002-305. These letters have been corrected and are included with this letter with revised correspondence numbers as follows: RRES/SA-2002-304A and RRES/SA-2002-305A This letter will also clarify correspondence RRES/SA-2002-306.

RRES/SA-2002-304 was corrected due to an error in the volume in the second paragraph. This volume has now been verified and the letter corrected to reflect the volume shown in the table in the initial correspondence.

RRES/SA-2002-305 has been corrected to identify the MWIR Waste ID as LA-W906-6. The waste identified in this shipment was added to the STP under Revision 6.0.

RRES/SA-2002-306 details a volume of 0.25 cubic meters of LA-W910. The manifest for this shipment, Number 02122, lists a volume of 0.85 cubic meters. The shipment contained 0.25 cubic meters of waste in a 0.85 cubic meter container.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator

Nov 18, 2002

Date Signed

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

Date Signed



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 19, 2002
Refer to: RRES/SA-2002-304A

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: CORRECTION of Correspondence RRES/SA-2002-304
NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT MILESTONE,
ACTIVITY and 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE
TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 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.*"

A shipment that included STP covered waste listed in Section 3.2 of the CPV was initiated on September 26, 2002, and completed on September 30, 2002. The waste was sent to Perma-Fix Environmental Services, Inc., in Gainesville, Florida. The total volume of STP waste shipped to Perma-Fix is 0.96 cubic meters. 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)
3.2	LA-W933	Lab Packs	02094	0.96
Total STP Volume Shipped				0.96

Documentation that waste was received at Perma-Fix 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, ESH-19, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(K)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

Nov 18, 2002

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



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 19, 2002
Refer to: RRES/SA-2002-305A

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: CORRECTION OF CORRESPONDENCE RRES/SA-2002305
NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT, ACTIVITY 3.1.3 (D) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldón:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the completion of a required activity set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.3 (D) 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 Section 3.1.3 of the CPV was initiated on September 26, 2002, and completed on September 27, 2002. The waste was sent to Waste Control Specialists, LLC, in Andrews County, Texas. The total volume of STP waste shipped to Waste Control Specialists is 0.95 cubic meters. The volume of STP waste shipped from each treatability group is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.3	LA-W906-6	Aqueous Organic Liquids	02101	0.95
Total Volume				0.95

Documentation that waste was received at Waste Control Specialist 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
R. Hahn, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
J. White, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SA files

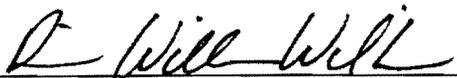
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.3 (D)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.3 (D)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 20, 2003
Refer to RRES/SA-2003-436

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: CORRECTED COPY NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT ACTIVITY 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Winn:

The purpose of this letter is to CORRECT a notification to the New Mexico Environment Department (NMED) of completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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 Section 3.2 (K) of the CPV was initiated on August 21, 2003, and completed on August 25, 2003, and August 26, 2003. The waste was sent to three facilities: 1) Diversified Scientific Services, Inc., of Kingston, TN; 2) Material and Energy Corporation of Oak Ridge, TN; and 3) Permafix, Inc., of Gainesville FL. The total volume of STP waste shipped was 0.21 cubic meters. The CORRECT volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.2	LA-W933	Lab Packs	02383, 02389, 02384, 02385,02388	0.21
Total STP Volume Shipped				0.21408

Documentation that waste was received at the three aforementioned facilities 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 (505) 667-6952 or dwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

Ms. Lee Winn

An Equal Opportunity Employer / Operated by the University of California for the
National Nuclear Security Administration of the U.S. Department of Energy

October 20, 2003

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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.

Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

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

DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)

ENCLOSURE A

An Equal Opportunity Employer / Operated by the University of California for the
National Nuclear Security Administration of the U.S. Department of Energy

October 20, 2003

Ms. Lee Winn



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: November 10, 2003
Refer to RRES/SA-2003-450

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: COPIES OF MANIFEST FOR MLLW SHIPMENTS
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Winn:

Recently submitted correspondence from Los Alamos National Laboratory to the New Mexico Environment Department included copies of manifests. However, the copies were not legible. Therefore, please find attached copies of the following manifests:

Correspondence Number	Date	Manifest Numbers
RRES/SA-2003-436	October 6, 2003	02383, 02389, 02384, 02385, 02388
RRES/SA-2003-440	October 8, 2003	02386
RRES/SA-2003-438	October 8, 2003	02343, 02390

Please contact me (505) 667-6952 or dwilburn@lanl.gov if I can be of further assistance or if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Bcc (w/o encl.):

D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
RRES-EA files



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: May 14, 2003
Refer to RRES/SA-2003-385

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Sandra Gabaldón
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

SUBJECT: NOTICE OF TREATMENT FOR ACTIVITY 3.1.9 (A) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Gabaldon:

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 3.1.9(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."

Gas cylinders included in treatability group LA-W918, "compressed gases requiring oxidation," were found to be empty of contents at TA-54 Area L. The cylinders have had their valves removed and are in the process of being prepared for landfill at Area G for disposal as low-level waste. Therefore, in Rev 14.0 of the Site Treatment Plan, LANL will list these items as treated.

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.9	LA-W918	compressed gases requiring oxidation	N/A – on-site treatment	0.04
Total STP Volume Shipped				0.04

Included as Enclosure A is a Certification Statement prepared in accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D.Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.9 (A)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.9(A)
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.

D. Williams Wilburn

Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

May 14, 2003

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



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

Date: September 27, 2004
Refer To: RRES- SWRC:04-68

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 CORRECTION TO SITE TREATMENT PLAN
REVISION 14.0**

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of corrections to the Los Alamos National Laboratory's Site Treatment Plan, Revision 14.0.

Corrections have been made to Table 2.1-2 of the Background Volume. The corrected table is attached.

Please contact me at (505) 667-4715 or at dyea@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Albert Dye'.

Albert Dye
STP Project Manager

AD:vc

Enc: 1) Enclosure A, Table 2.1-2, page 4
2) Enclosure B, Certification

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

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

B. Ramsey, LANL, RRES-DO, w/o enc., MS J591
J. Nunz, DOE, LASO, w/o enc., MS A316
E. Louderbough, LC-GL, w/o enc., MS A187
D. Christensen, LANL, FWO-SWO, w/o enc., MS J595
A. Millensted, LANL, FWO-SWO, w/o enc., MS J595
C. Duy, LANL, FWO-SWO, w/o enc., MSJ595
K. Oshel, LANL, FWO-SWO, w/o enc., MS J595
IM-5, LANL, MS A150
SWRC File, LANL, MS K490



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

B. Ramsey, LANL, RRES-DO, w/o enc., MS J591
J. Nunz, DOE, LASO, w/o enc., MS A316
E. Louderbough, LC-GL, w/o enc., MS A187
D. Christensen, LANL, FWO-SWO, w/o enc., MS J595
A. Millensted, LANL, FWO-SWO, w/o enc., MS J595
C. Duy, LANL, FWO-SWO, w/o enc., MSJ595
K. Oshel, LANL, FWO-SWO, w/o enc., MS J595
IM-5, LANL, MS A150
SWRC File, LANL, MS K490



ENCLOSURE A

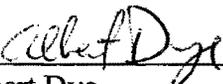
**DOCUMENTATION OF CORRECTION TO REV 14.0
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**



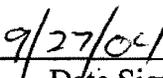
CERTIFICATION

**DOCUMENTATION OF CORRECTION TO REV 14.0
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

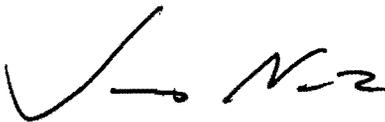
I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.



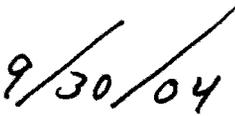
Albert Dye
STP Project Manager
Solid Waste Regulatory Compliance
Los Alamos National Laboratory
Operator



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



**FY03 Annual STP Update
Background Volume**

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY02 Annual Update (m ³)	Proposed Revision (m ³)	Comments	FY03 Annual Update (m ³)	Projection FY03-FY07 (m ³)
3.2	LA-W925 Mercury Wastes – TBD	6.85	(3.99) (0.59) 0.09	Shipped to Envirocare 12/18/2002 Shipped to WCS 9/3/2003 Administrative Adjustment	2.38	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives					
3.2	LA-W933 Lab Packs	1.39	(0.18) (0.02) (0.21) (0.98)	Shipped to Perma Fix 11/21/02 Shipped to Perma Fix 4/4/03 Shipped to DSSI, M&EC, and Perma Fix 8/21/03 Administrative adjustment	0.00	2.00
3.2	LA-W934 High Activity Waste	5.21	(4.08) 6.02	Shipped to Duratek 8/26/03 Administrative Adjustment	7.15	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.00			0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.03	(12.01)	Administrative Adjustment	0.02	N/A
	TOTALS	35.64	(19.27)		16.39	

*Correspondence RRES/WD:02-020 inadvertently listed the incorrect volumes for these shipments. The volumes shown are correct.

2.2 MIXED TRANSURANIC (MTRU) INVENTORY SUMMARY

During FY03, MTRU covered inventories increased from approximately 4047.60 m³ to 4141.06m³. Table 2.2-1 summarizes changes to the estimated MTRU covered waste inventory for FY02.

FFCO



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: January 23, 2004
Refer to RRES/SA-2004-467

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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 Section 3.2 (K) of the CPV was initiated on December 10, 2003, and completed on December 10, 2003. The waste was sent to Envirocare of Utah, Inc., in Clive Utah. 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)
3.2	LA-W934	High Activity	02364	0.21
Total STP Volume Shipped				021

Documentation that waste was received at the three aforementioned facilities 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-EA files

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

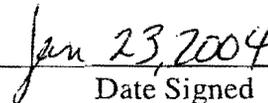
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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.



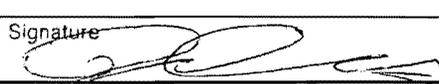
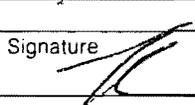
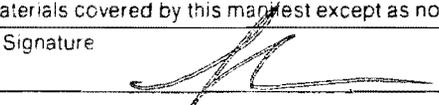
Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 02364	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 LAM for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number					
4. Generator's Phone (505) 665-6158				B. State Generator's ID					
5. Transporter 1 Company Name HITTAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND987783065		C. State Transporter's ID					
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933 ext. 221					
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Interstate 80, Exit 49 Clive, UT 84029				10. US EPA ID Number UTD982598898		E. State Facility's ID			
				F. Facility's Phone 435-884-0155					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers		13. Total Quantity	14. Unit W/Vol	15. Waste No.
					No.	Type			
a.	<input checked="" type="checkbox"/>	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			1	DF	7	p	D006
b.	<input checked="" type="checkbox"/>	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			13	DM	3428	p	D001 D003 D006 D008 D009
c.	<input checked="" type="checkbox"/>	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			4	DF	62	p	D008 D009
d.	<input checked="" type="checkbox"/>	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910			1	CM	2584	p	D008 D009
J. Additional Descriptions for Materials Listed Above					K. Handling Codes for Wastes Listed Above				
11a. C03162407									
11b.									
11c. C03158871 C03162073 C03165741 C03165757									
11d. C03163734									
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 161 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 161					9006-01-M07060 HMTF#: 03112401				
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. Naylor					Signature 			Month Day Year 11/20/03	
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name RONALD F. WILKINSON					Signature 			Month Day Year 11/20/03	
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 Shawn DeRyke					Signature 			Month Day Year 11/21/03	



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:04-056

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 3.1.7 (B) IN THE COMPLIANCE PLAN VOLUME (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 3.1.7 (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 Section 3.1.7 (B) of the CPV was initiated on June 24, 2004, and completed on June 30, 2004 and July 1, 2004. The waste was sent to three facilities: 1) Material & Energy Corporation (MEC), 2010 Highway 58, Suite 1020, Oak Ridge Tennessee 37830; 2) Diversified Scientific Services Inc. (DSSI), 657 Gallaher Road, Kingston, TN, 37763; 3) and Perma-Fix, 1940 NW 67th Place, Gainesville, Florida, 32653. The volume of STP waste shipped is described in the following table:

STP Section	MWER Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.7	LA-W916	Water-reactive wastes	04179, 04180, 04194	0.586
Total STP Volume Shipped				0.586

Documentation that waste was received at the aforementioned facilities is provided in Enclosure A. Also included as Enclosure B is a Certification Statement prepared in

Ms. Lee Winn
SWRC:04-056

-3-

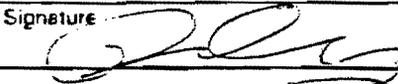
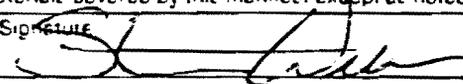
August 4, 2004

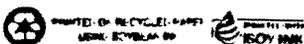
Bcc: (w/o enc)
James E. Orban
U.S. Department of Energy
Environmental Programs Department
NZ – Building SC-4
Albuquerque, New Mexico 87107

B. Ramsey, LANL, RRES-DO, MS J591
J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Christensen, LANL, FWO-SWO, MS J595
A. Millensted, LANL, FWO-SWO, MS J595
C. Duy, LANL, FWO-SWO, MSJ595
K. Oshel, LANL, FWO-SWO, MS J595
IM-5, LANL, MS A150
SWRC File, LANL, MS K490

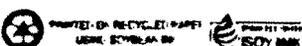
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.7 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

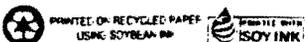
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 04179	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address U of CA LAB 101 US D08 Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number	
4. Generator's Phone (505) 665-6156				B. State Generator's ID	
5. Transporter 1 Company Name HPE Environmental Inc		6. US EPA ID Number CA 088483027		C. State Transporter's ID	
EMERALD TRANSPORTATION SERVICES, INC				D. Transporter's Phone 800-233-2332	
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 PERNA-FIX 1540 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		G. State Facility's ID FLD980711071	
				H. Facility's Phone 352-378-5064	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
a. WASTE WATER REACTIVE LIQUID, F.O.S., 4.3, UN3148, II, (LITHIUM, ETHYL ETHER)		1	5	p	1000 1000 000 0000 0000 0000 0000
b.					
c.					
d.					
16. Additional Descriptions for Materials Listed Above 138. 11017100 RS-4172				K. Handling Codes for Wastes Listed Above Sol. HAZ, nno	
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 118. EISNO: 138 RS-4172 RHTFI: 01010364					
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 10/4/1701	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name Rinnie Stanley		Signature 		Month Day Year 10/12/1701	
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 Steve Williams		Signature 		Month Day Year 07/01/1701	



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 04179	2. Page 1 of 1	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) 665-6156				C. State Transporter's ID		
5. Transporter 1 Company Name MP Environmental Inc				D. Transporter's Phone 600-233-1133		
6. US EPA ID Number FLD980711071				E. State Transporter's ID		
7. Transporter 2 Company Name				F. Transporter's Phone		
8. US EPA ID Number				G. State Facility's ID		
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653				H. Facility's Phone 352-373-6066		
10. US EPA ID Number FLD980711071				H. Facility's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Container No.	13. Total Quantity	14. Unit W/Vol	15. Waste No.	
a. WASTE WATER REACTIVE LIQUID, N.O.S., 4.5, UN3146, II, (LITHIUM, ETHYL ETHER)		1	5	p	7001 7001 000 0003 0001 000 0000	
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above 138. 14017100 RS-4172				K. Handling Codes for Wastes Listed Above Sol, H411, H410		
15. Special Handling Instructions and Additional Information "EMERGENCY PHONE NO: (505) 667-6211" 118. EPC90: 138 RS-4172						
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 W. Weber		Signature <i>[Signature]</i>		Month Day Year 04/20/04		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Rinnie Stanley		Signature <i>[Signature]</i>		Month Day Year 06/24/04
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 Steve Williams		Signature <i>[Signature]</i>		Month Day Year 07/01/04		



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04180		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 LNL 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 MP Environmental, Inc.		6. US EPA ID Number ICAT000624247		C. State Transporter's ID		D. Transporter's Phone (609) 333-7602		E. State Transporter's ID					
7. Transporter 2 Company Name		8. US EPA ID Number		9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763		10. US EPA ID Number TND982109142		F. Transporter's Phone		G. State Facility's ID					
								H. Facility's Phone 865-376-0084							
GENERATOR		11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.	
		a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL		1		DM		17		p		D001 D003 D018 D019			
		b. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II		1		DM		340		p		D001			
		c. <input checked="" type="checkbox"/> WASTE ALUMINUM ALKYLs, 4.2, UN3051, 1 <i>DOT-E 1153</i>		1		CF		1		p		D001 D002 D003			
		d. <input checked="" type="checkbox"/> WASTE LITHIUM ALKYLs, 4.2, UN2445, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>DOT-E 1153</i>		1		CF		1		p		D001 D003			
J. Additional Descriptions for Materials Listed Above 11a. 04-05-007 C03160148 11b. 04-05-008 88191700 11c. C04173890 03-10-34 11d. 03-10-012 C98108924						K. Handling Codes for Wastes Listed Above S01, S02, T01, T04, T80									
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 135 11d. ERGNO: 135 HM778: 04061403															
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 W. Newberry				Signature <i>[Signature]</i>				Month Day Year 06/17/04							
17. Transporter 1 Acknowledgement of Receipt of Materials															
Printed/Typed Name Rinnie Stanley				Signature <i>[Signature]</i>				Month Day Year 06/24/04							
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 Dawn Garrett				Signature <i>[Signature]</i>				Month Day Year 10/13/04							



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04180		22. Page 3		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 <u>1</u> Company Name				25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone							
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
						No.		Type							
GENERATOR	a.	X	WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>			1		CF		1		p		D001 D003	
	b.	X	WASTE LITHIUM ALKYL, 4.2, UN2445, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>DOT-E-1153</i>			1		CF		1		p		D001 D002 D003	
	c.	X	WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>			1		CF		1		p		D001 D002 D003	
	d.	X	WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>			1		CF		1		p		D001 D002 D003	
	e.	X	WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2445, I, (CONTAINS TRIETHYLPHOSPHINE) <i>DOT-E-1153</i>			1		CF		1		p		D001 D003	
	f.	X	WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2445, I, (TRIETHYLPHOSPHINE) <i>DOT-E-1153</i>			1		CF		1		p		D001 D003	
	g.	X	WASTE PYROPHORIC SOLID, ORGANIC, N.O.S., 4.2, UN2446, I, (TRIMETHYLSILYLACETYLENE) <i>DOT-E-1153</i>			1		CF		1		p		D001 D003	
	h.	X	WASTE WATER-REACTIVE LIQUID, N.O.S., 4.3, UN3148, I, (LITHIUM TRIETHYLBORONHYDRIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL			1		DF		1		p		D001 D003	
	i.	X	WASTE WATER-REACTIVE LIQUID, N.O.S., 4.3, UN3148, II, (CONTAINS CALCIUM HYDRIDE IN ACETONITRILE, PYRIDINE)			1		DF		4		p		D003 D001 D003	
	S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above								
28a. 03-10-016 C97097786						281. 03-10-016 C97097786									
28b. 03-10-017 C98188929						28g. 03-10-019 C97097652									
28c. 03-10-017 C97097651						28h. 03-10-018 C97097657									
28d. 03-10-021 C97097653						28i. 03-10-022 C97097705									
28e. 03-10-018 C97097650						501, 502, T01, T04, T80									
32. Special Handling Instructions and Additional Information															
EMERGENCY PHONE NO: (505) 667-6211															
28a. EICNO: 135 28b. EICNO: 135 28c. EICNO: 135 28d. EICNO: 135 28e. EICNO: 135 28f. EICNO: 135															
28g. EICNO: 135 28h. EICNO: 130 28i. EICNO: 130															
TRANSPORT	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															

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 04180	22. Page 3	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 <u>1</u> Company Name		25. US EPA ID Number		N. State Transporter's ID			
				O. Transporter's Phone			
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)			29. Containers		R. Waste No.		
			No.	Type			
a.	x	WASTE WATER-REACTIVE SOLID, CORROSIVE, H.O.S., 4.3, UN3131, II, (SODIUM ETHYLIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1	P	0001 0003
b.	x	WASTE ORGANIC PEROXIDE TYPE C, LIQUID, 5.2, UN3103, II, LIMITED QUANTITY	1	DF	1	P	0001 0003
c.	x	WASTE IRON PENTACARBONYL, 6.1, UN1994, 1, POISON-INHALATION HAZARD ZONE A; DOT 89168	2	CF	1	P	0001 0003
d.	x	WASTE IRON PENTACARBONYL MIXTURE, 6.1, UN1994, 1, LIMITED QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE A; DOT 89168	1	CF	1	P	0001 0003
e.	x	WASTE TOXIC LIQUIDS, FLAMMABLE, ORGANIC, H.O.S., 6.1, UN2929, II, (TRIBUTYLPHENYL HYDRIDE)	1	DF	1	P	0001
f.	x	WASTE TRICHLOROETHYLENE CHLORIDE, 6.1, UN2438, 1, POISON-INHALATION HAZARD ZONE B; DOT 89168	1	CF	1	P	0001 0002 0003
g.	x	WASTE HYDRAZINE, ANHYDROUS, 6, UN2029, 1, TOXIC DOT-E 1153	1	DF	1	P	0133 0001 0002 0003
h.							
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. 03-18-025 C97097531 28b. 03-18-023 C97097658 28c. 03-18-015 C03164773 C97097642 28d. 04-05-019 C04170790 28e. 03-18-020 C97097759				28f. 03-18-014 C97097541 28g. 03-18-013 C97097537 S01, S02, T01, T04, T80			
32. Special Handling Instructions and Additional Information							
EMERGENCY PHONE NO: (505) 667-6211 28a. EICNO: 138 28b. EICNO: 146 28c. EICNO: 131 28d. EICNO: 131 28e. EICNO: 131 28f. EICNO: 132 28g. EICNO: 132							
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		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 04194	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 LANK 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 MP Environmental, Inc		6. US EPA ID Number CA TCC 0624247		C. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (505) 533-7604		
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		E. State Transporter's ID		
				F. Transporter's Phone		
				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	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.	
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, INORGANIC, N.O.S., 4.1, UN3178, III		No. 1	Type DF	SH	p D003	
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE SOLID, TOXIC, ORGANIC, N.O.S., 4.1, UN2926, III, (MAGNESIUM, 1,1,1-TRICHLOROETHANE)		No. 1	Type DN	10	p F002 D003	
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE SOLIDS, CORROSIVE, ORGANIC, N.O.S., 4.1, UN2925, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153		No. 1	Type DF	1	p D001 D003	
d. <input checked="" type="checkbox"/> WASTE MAGNESIUM, 4.1, UN1869, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL		No. 1	Type DF	1	p D001 D003	
j. Additional Descriptions for Materials Listed Above 11a. P3-08-33 C92028060 11b. P3-11-99 904003 4-06-143 11c. P3-11-99 C03164768 11d. P3-11-99 C03164872				K. Handling Codes for Wastes Listed Above T21		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 133 11b. ERGNO: 134 11c. ERGNO: 134 11d. ERGNO: 138 HNTF#: 04061404						
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. Newton		Signature <i>[Signature]</i>		Month Day Year 06/20/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Reanne Stanley		Signature <i>[Signature]</i>		Month Day Year 06/24/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space <i>All variations between manifest & M&E site. site used out & changed per Rev. Order. (Changed site out's)</i>						
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 <i>[Signature]</i>		Month Day Year 06/30/04		



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04194		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 <u>1</u> Company Name				25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone					
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)						29. Containers		30. Total Quantity		31. Unit W/Vol		R. Waste No.	
						No.		Type					
a.	X	WASTE LITHIUM ALKYLE, 4.2, UN2445, I DOT-E-1153				1 CF		1 p		D001 D002 D003			
b.	X	WASTE PHOSPHORUS, WHITE, UNDER WATER, 4.2, UN1381, I, TOXIC DOT-F-1153				1 CF		1 p		D001 D003			
c.	X	WASTE PYROPHORIC SOLID, INORGANIC, N.O.S., 4.2, UN3200, I, (HAFNIUM METAL POWDER, MANGANESE CARBONYL), LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153				1 CF		1 p		D001 D003			
d.	X	WASTE PYROPHORIC SOLIDS, ORGANIC, N.O.S., 4.2, UN2846, I, (DIIRON NONACARBONYL) DOT-F-1153				1 CF		1 p		D001 D003			
e.	X	WASTE PYROPHORIC SOLIDS, ORGANIC, N.O.S., 4.2, UN2846, I, (PLATINUM COMPOUND) DOT-F-1153				1 CF		1 p		D003			
f.	X	WASTE SODIUM DITHIONITE, 4.2, UN1384, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153				1 DF		1 p		D001 D003			
g.	X	WASTE TITANIUM POWDER, DRY, 4.2, UN2546, I DOT-F-1153				1 CF		1 p		D001 D003			
h.	X	WASTE ZIRCONIUM POWDER, DRY, 4.2, UN2000, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153				1 DF CF		7.6 p		D001 D003		R.O. 6/18/04	
i.	X	WASTE ZIRCONIUM SCRAP, 4.2, UN1932, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E-1153				1 DF		2 p		D001 D003			
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above							
280.P3-11-99 C97897812 280.P3-11-99 C97897690 280.P3-11-99 C97897830 280.P3-08-33 C97897730 280.P3-08-33 C97897831						280.P3-11-99 C97897690 280.P3-11-99 C97897695 280.P3-08-33 C97897817 280.P3-08-33 C97897739 604174038 R.O. 6/21/04							
32. Special Handling Instructions and Additional Information													
EMERGENCY PHONE NO: (505) 667-6211 28a. ERGNO: 135 28b. ERGNO: 136 28c. ERGNO: 135 28d. ERGNO: 135 28e. ERGNO: 135 28f. ERGNO: 135 28g. ERGNO: 135 28h. ERGNO: 135 28i. ERGNO: 135													
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. NM0890010515		Manifest Document No. 04194		22. Page 5		Information in the shaded areas is not required by Federal law.							
		23. Generator's Name U of CA LAMC 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 <u>1</u> Company Name				25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone							
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
						No.		Type							
a. WASTE ZIRCONIUM SCRAPS, 4.2, UN1932, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>DOT-E 1152</i>						1		DN		10		P		D001	
b. WASTE CALCIUM, 4.3, UN1401, II						1		DF		2		P		D001 D003	
c. WASTE CERIUM, 4.3, UN3078, II						1		DN		166		P		D001 D003	
d. WASTE LITHIUM HYDRIDE, 4.3, UN1410, I						1		DN		179		P		D001 D003	
e. WASTE LITHIUM HYDRIDE MIXTURE, 4.3, UN1410, I						1		DN		66		P		D001 D003	
f. WASTE METAL HYDRIDES, WATER-REACTIVE, N.O.S., 4.3, UN1409, I, (POTASSIUM HYDRIDE)						1		DF		1		P		D001 D003	
g. WASTE POTASSIUM, 4.3, UN2257, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		DF		1		P		D001 D003	
h. WASTE SODIUM, 4.3, UN1420, II, LIMITED QUANTITY RADIOACTIVE MATERIAL						1		DN		1		P		D001 D003	
i. WASTE WATER REACTIVE SOLID, TOXIC, N.O.S., 4.3, UN3134, II, (CONTAINS LITHIUM HYDRIDE, ARSENIC)						1		DN		95 142		P		D001 D003 D004 D005 D007 D008 D010 D011	
32. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 28a. EICNO: 135 28b. EICNO: 138 28c. EICNO: 138 28d. EICNO: 138 28e. EICNO: 138 28f. EICNO: 138 28g. EICNO: 138 28h. EICNO: 40 28i. EICNO: 139						33. Handling Codes for Wastes Listed Above 28f. 73-11-99 C97897758 28g. 73-11-99 C97898818 28h. 73-11-99 C91828823 28i. 73-11-99 C93038377 28j. 73-11-99 C96071052									
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. NM0890010515	Manifest Document No. 04194	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 <u>1</u> Company Name		25. US EPA ID Number		N. State Transporter's ID		
				O. Transporter's Phone		
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)			29. Containers	30. Total Quantity	31. Unit Wt/Vol	
			No.	Type	R. Waste No.	
a.	X	WASTE WATER-REACTIVE LIQUID, TOXIC, H.O.S., 4.3, UN3130, I, (CONTAINS CALCIUM HYDRIDE IN CARBON TETRACHLORIDE)	1	DF	14 p	D002 D003 D019
b.	X	WASTE WATER-REACTIVE SOLID, FLAMMABLE, H.O.S., 4.3, UN3132, II, (ALUMINUM POWDER, UNCOATED, TITANIUM HYDRIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1 p	D003
c.	X	WASTE WATER-REACTIVE SOLID, H.O.S., 4.3, UN2813, I, (LITHIUM HYDRIDE, RUBIDIUM METAL)	1	DN	2 p	D001 D003
d.	X	WASTE WATER-REACTIVE SOLID, H.O.S., 4.3, UN2813, I, (CONTAINS LITHIUM, STRONTIUM POWDER), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1 p	D001 D003
e.	X	WASTE WATER-REACTIVE SOLID, H.O.S., 4.3, UN2813, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	2 p	D001 D003
f.	X	WASTE WATER-REACTIVE SOLID, H.O.S., 4.3, UN2813, I	1	DN	94 p	D001 D003
g.	X	WASTE WATER-REACTIVE SOLID, SELF-HEATING, H.O.S., 4.3, UN3135, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1 p	D001 D003
h.	X	WASTE WATER-REACTIVE SOLID, H.O.S., 4.3, UN2813, III Waste Radioactive Material, H.O.S., 7, UN 2982, Flammable, White I; U-234; U-235, 1.35 E-05 TBq	1	DN	2 p	D003
i.	X	WASTE ISOCYANATES, TOXIC, H.O.S., 6.1, UN2206, III, (TOLUENE 2,4-DIISOCYANATE, 4,4-DIPHENYLKETHANE DIISOCYANATE)	1	DN	8 p	D003
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
28a. P3-11-99 C91020101 28b. P3-11-99 C98100411 28c. P3-08-33 C92027646 28d. P3-11-99 C98100412 28e. P3-11-99 C03144873			K.O. 6/18/04 202.P3-11-99 C91020101 209.P3-11-99 C03144797 288.P3-08-33 89308400 281.P3-08-33 91006155			
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. EICNO: 139 28b. EICNO: 138 28c. EICNO: 138 28d. EICNO: 138 28e. EICNO: 138 28f. EICNO: 138 28g. EICNO: 138 28h. EICNO: 138 28i. EICNO: 155						
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. NM0890010515		Manifest Document No. 04194		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 J395, Los Alamos, NM 87545						L. State Manifest Document Number		M. State Generator's ID					
24. Transporter <u>1</u> Company Name				25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone							
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		32. Waste No.			
						No.		Type							
a. WASTE ISOCYANATES, TOXIC, H.O.S., 6.1, UN2206, III, (TOLUENE-2,4-DIISOCYANATE, 4,4-DIISOCYANATE)						1		DN		8		p		0003	
b. WASTE ISOCYANATES, TOXIC, H.O.S., 6.1, UN2206, III, (TOLUENE-2,4-DIISOCYANATE, 4,4-DIPHENYLETHANE DIISOCYANATE)						2		DN		16		p		0003	
c. WASTE ISOCYANATES, TOXIC, H.O.S., 6.1, UN2206, III, (TOLUENE-2,4-DIISOCYANATE, 4,4-DIPHENYLETHANE DIISOCYANATE)						1		DN		8		p		0003	
d. WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, H.O.S., 8, UN3264, II, (CONTAINS THIOPHOSPHORYL CHLORIDE) <i>DOT-E 1153</i>						1		DF		1		p		0002 0003	
e. HAZARDOUS WASTE, SOLID, H.O.S., 9, RA3077, III, (ARSENIC)						1		DN		1		p		0003 0004	
f.															
g.															
h.															
i.															
S. Additional Descriptions for Materials Listed Above 28a. P3-11-99 91006152 28b. P3-11-99 91006151 91006154 28c. P3-11-99 91006153 28d. P3-11-99 C97893887 28e. P3-11-99 91006153						T. Handling Codes for Wastes Listed Above									
32. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 28a. EICNO: 155 28b. EICNO: 155 28c. EICNO: 155 28d. EICNO: 154 28e. EICNO: 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															

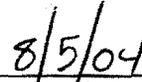
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.7 (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



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

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: August 4, 2004

Subject: Notice of Completion 3.1.7 To: Lee Winn	Document Identification SWRC-:04-056 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	---

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinge				
3.	J591	Beverly Ramsey RRES Division Leader	<i>Beverly Ramsey</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/5/04
4.	J590	Jack Ellvinger Acting SWRC Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	8/5/04
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



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	MWER 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 dvea@lanl.gov if you have any questions.

Ms. Lee Winn

-3-

August 4, 2004

SWRC:04-054

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

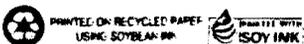
IM-5, LANL, MS A150,

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)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	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 LAWL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name MPE Environmental, Inc. Hazardous Transportation Services, Inc.		6. US EPA ID Number CAT 088423827 TND987783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-733-9331 833-7602		
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830				10. US EPA ID Number TNRO00005397		E. State Facility's ID
				F. Transporter's Phone		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.	13. Total Quantity	14. Unit W/Vol	1. Waste No.	
a. WASTE FLAMMABLE LIQUIDS, N.O.S. (PETROLEUM DISTILLATE, MERCURY), 3, UN1993, II <i>UN1203 R.O. 6/24/03</i>		1		P	D001 D009	
b. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL, 7, UN2910		1		P	D009	
c. 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	40	P	D009	
d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, N.O.S., 7, UN2912, Liquid, ELEMENTAL, CS137 PU238, 2.52e-07 TBq, Fissile Excepted, LSA-II		1	1	P	D003 D009	
J. Additional Descriptions for Materials Listed Above 11a. 905743 11b. C96065568 11c. C96067562 11d. C96070746 *Exclusive use Shipment* P4-05-109				K. Handling Codes for Wastes Listed Above 121		
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.						
Printed/Typed Name Paul W. Newman		Signature <i>[Signature]</i>		Month Day Year 06/17/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Rinnie Stanley		Signature <i>[Signature]</i>		Month Day Year 06/24/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 925763 - missing wt. 5 lbs 11400 wt. 78 lbs (out) Charged per 100 label						
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 <i>[Signature]</i>		Month Day Year 06/30/04		



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 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 <u>1</u> Company Name HITTAN TRANSPORTATION SERVICES, INC.		25. US EPA ID Number TND987783065		N. State Transporter's ID				
				O. Transporter's Phone 505-233-3939				
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)				29. Containers		30. Total Quantity	31. Unit W/Vol	32. Waste No.
				No.	Type			
a.	RQ	HAZARDOUS WASTE LIQUID N.O.S., 8, NA3088, III, (MERCURY, ACETONE) <i>9 2</i>		1	DM	7	P	D003 D005 D009
b.	RQ	WASTE MERCURY, 8, UN2809, III <i>Don 6/17/04</i>		3	DM	115 40L	P	D009
c.	X	WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLES, 8, UN2809, III, RQ(D009)		1	DM	50	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	D002 D005 D009
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)		3	DM	17 143	P	D003 D007 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	48	P	D009
i.								
33. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. C92031982 28b. 903535 C91021672 C96065591 28c. C95046690 28d. C91025434 28e. C93053223 P4-05-109				28f. C92026304 C93038701 C94044046 28g. C96065330 28h. C94042327 721				
32. Special Handling Instructions and Additional Information								
EMERGENCY PHONE NO: (505) 667-6211 28a. EICNO: 171 28b. EICNO: 172 28c. EICNO: 172 28d. EICNO: 171 28e. EICNO: 171 28f. EICNO: 171 28g. EICNO: 171 28h. EICNO: 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								
<i>All containers returned unopened and in good condition. Manifest fixed out & changed per new label. (changed info. on label)</i>								

**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

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: August 4, 2004

Subject: Notice of Completion To: Lee Winn	Document Identification SWRC-:04-054 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	--

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinge				
3.	J591	Beverly Ramsey RRES Division Leader	<i>Beverly Ramsey</i>	✓		8/5/04
4.	J590	Jack Ellvinger Acting SWRC Group Leader	<i>Jack Ellvinger</i>	✓		8/5/04
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



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:04-055

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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 3.2 (K) 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 Section 3.2 (K) of the CPV was initiated on June 24, 2004, and completed on June 30, 2004 and July 1, 2004. The waste was sent to three facilities: 1) Material & Energy Corporation (MEC), 2010 Highway 58, Suite 1020, Oak Ridge Tennessee 37830; 2) Diversified Scientific Services Inc. (DSSI), 657 Gallaher Road, Kingston, TN, 37763; 3) and Perma-Fix, 1940 NW 67th Place, Gainesville, Florida, 32653. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m)
3.2	LA-W925	Mercury wastes-TBD	04178	0.399
3.2	LA-W933	Labpacks	04180, 04181	0.02
Total STP Volume Shipped				0.419

Documentation that waste was received at the aforementioned facilities is provided in Enclosure A. Also included as Enclosure B is a Certification Statement prepared in

Ms. Lee Winn
SWRC:04-055

-2-

August 4, 2004

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.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc. 1) Enclosure A, Activity 3.2 (K)
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



Ms. Lee Winn
SWRC:04-055

-3-

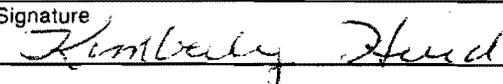
August 4, 2004

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, FWO-SWO, LANL, MSJ595
K. Oshel, LANL, FWO-SWO, MS J595
IM-5, LANL, MS A150
SWRC File, LANL, MS K490

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2 (K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	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 CALIF for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number					
4. Generator's Phone (505) 665-6158				B. State Generator's ID					
5. Transporter 1 Company Name M.F. Environmental, Inc. HUMAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND8887483827		C. State Transporter's ID					
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-733-9933					
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830				E. State Transporter's ID		F. Transporter's Phone			
				G. State Facility's ID		H. Facility's Phone 865-425-1229			
10. US EPA ID Number TNR000005397									
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)					12. Containers	13. Total Quantity			
					No.	Type			
						14. Unit Wt/Vol			
						1. Waste No.			
a. WASTE FLAMMABLE LIQUIDS, N.O.S. (PETROLEUM DISTILLATE, MERCURY), 3, UN1993, II WASTE HAZARDOUS MATERIAL, R.O., 6/24/03					1	DF	78	p	D001 D009
b. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL, 7, UN2910					1	DF	1	p	D009
c. 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. 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'					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 HNTF#: 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.									
Printed/Typed Name Paul N. Newton				Signature 		Month Day Year 06/17/04			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Rinnie Stanley				Signature 		Month Day Year 06/24/04			
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature		Month Day Year			
19. Discrepancy Indication Space 95763 - incoming wt. 5 lbs M&E wt. 78 lbs (net) Charged per 100 label									
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 		Month Day Year 06/30/04			



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			
24. Transporter <u>1</u> Company Name HITTMAN TRANSPORTATION SERVICES, INC.						25. US EPA ID Number TND987783065		N. State Transporter's ID			
26. Transporter _____ 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	R. Waste No.
						No.	Type				
a.	RQ	HAZARDOUS WASTE LIQUID N.O.S., 8, NA3088, III, (MERCURY, ACETONE) <i>7 2 on 6/17/04</i>				1	DN	7	p	P003 P005 D009	
b.	RQ	WASTE MERCURY, 8, UN2809, III				3	DN	115 40L	p	D009	
c.	X	WASTE MERCURY CONTAINED IN MANUFACTURED ARTICLES, 8, UN2809, III, RQ(D009)				1	DN	5 5L	p	D009	
d.	RQ	HAZARDOUS WASTE SOLID N.O.S., 9, NA3077, III				1	DN	100 342	p	D009	
e.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3062, III, (MERCURY, PYRIDINE), RQ(D009)				1	DF	32 68	p	P002 P005 D009	
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)				3	DN	17 143	p	D003 D007 D008 D009	
g.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, RQ(D009)				1	DN	141	p	D009	
h.	X	HAZARDOUS WASTE, SOLID, N.O.S. (MERCURY), 9, NA3077, III, (MERCURY)				1	DN	48	p	D009	
i.											
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above					
28a. C92031982						28f. C92026304 C93038701 C94044046					
28b. 903535 C91021672 C96065591						28g. C96065330					
28c. C95046690						28h. C94042327					
28d. C91025434						721					
28e. C95057223											
P4-05-109											
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											
<i>We have variations between incoming wt + manifest wt. Manifest listed out + changed per in label. (changed wt. are listed)</i>											



ORIGINAL RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04180		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						A. State Manifest Document Number				
4. Generator's Phone (505) 665-6158						B. State Generator's ID				
5. Transporter 1 Company Name MP Environmental, Inc.				6. US EPA ID Number CAT000624247		C. State Transporter's ID				
7. Transporter 2 Company Name						8. US EPA ID Number		D. Transporter's Phone (800) 933-7602		
9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763						10. US EPA ID Number TND982109142		E. State Transporter's ID		
								F. Transporter's Phone		
								G. State Facility's ID		
								H. Facility's Phone 865-376-0084		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity	14. Unit Wt/Vol	1. Waste No.
						No.	Type			
HM	a.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL			1	DK	17	p	D001 D003 D018 D019
x	b.	x	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II			1	DK	340	p	D001
x	c.	x	WASTE ALUMINUM ALKYLs, 4.2, UN3051, 1 <i>DOT-E 11153</i>			1	CF	1	p	D001 D002 D003
x	d.	x	WASTE LITHIUM ALKYLs, 4.2, UN2445, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>DOT-E 11153</i>			1	CF	1	p	D001 D003
J. Additional Descriptions for Materials Listed Above 11a. 04-05-007 C03160148 11b. 04-05-008 88191700 11c. C04173890 03-10-24 11d. 03-10-012 C98108924						K. Handling Codes for Wastes Listed Above S01, S02, T01, T04, T80				
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 135 11d. ERGNO: 135 HMTF#: 04061403										
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 <i>Paul W. Newberry</i>						Signature <i>[Signature]</i>			Month Day Year 06/17/04	
17. Transporter 1 Acknowledgement of Receipt of Materials										
Printed/Typed Name <i>Rinnie Stanley</i>						Signature <i>[Signature]</i>			Month Day Year 06/24/04	
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 <i>Dawn Garrett</i>						Signature <i>[Signature]</i>			Month Day Year 10/13/04	



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04180		22. Page 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 <u>1</u> Company Name			25. US EPA ID Number			N. State Transporter's ID								
						O. Transporter's Phone								
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)					29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
					No.		Type							
a. WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>					1		CF		1		p		D001 D003	
b. WASTE LITHIUM ALKYL, 4.2, UN2445, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>DOT-E-1153</i>					1		CF		1		p		D001 D002 D003	
c. WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>					1		CF		1		p		D001 D002 D003	
d. WASTE LITHIUM ALKYL, 4.2, UN2445, I <i>DOT-E-1153</i>					1		CF		1		p		D001 D002 D003	
e. WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2845, I, (CONTAINS TRIETHYLPHOSPHINE) <i>DOT-E-1153</i>					1		CF		1		p		D001 D003	
f. WASTE PYROPHORIC LIQUIDS, ORGANIC, N.O.S., 4.2, UN2845, I, (TRIETHYLPHOSPHINE) <i>DOT-E-1153</i>					1		CF		1		p		D001 D003	
g. WASTE PYROPHORIC SOLID, ORGANIC, N.O.S., 4.2, UN2846, I, (TRIMETHYLSILYLACETYLENE) <i>DOT-E-1153</i>					1		CF		1		p		D001 D003	
h. WASTE WATER-REACTIVE LIQUID, N.O.S., 4.3, UN3148, I, (LITHIUM TRIETHYLBORONHYDRIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL					1		DF		1		p		D001 D003	
i. WASTE WATER-REACTIVE LIQUID, N.O.S., 4.3, UN3148, II, (CONTAINS CALCIUM HYDRIDE IN ACETONITRILE, PYRIDINE)					1		DF		4		p		P005 D001 D003	
S. Additional Descriptions of Materials Listed Above					T. Handling Codes for Wastes Listed Above									
28a. 03-10-012 C9709772					28f. 03-10-016 C9709776					<i>501, 502, T01, T04, T80</i>				
28b. 03-10-017 C98108929					28g. 03-10-019 C97097652									
28c. 03-10-017 C97097651					28h. 03-10-018 C97097657									
28d. 03-10-021 C97097653					28i. 03-10-022 C97097705									
28e. 03-10-016 C97097650														
32. Special Handling Instructions and Additional Information														
EMERGENCY PHONE NO: (505) 667-6211														
28a. ERGNO: 135 28b. ERGNO: 135 28c. ERGNO: 135 28d. ERGNO: 135 28e. ERGNO: 135 28f. ERGNO: 135														
28g. ERGNO: 135 28h. ERGNO: 138 28i. ERGNO: 138														
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														



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04180		22. Pages 3		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 <u>1</u> Company Name				25. US EPA ID Number		N. State Transporter's ID		O. Transporter's Phone											
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.							
						No.		Type											
a.		x		WASTE WATER-REACTIVE SOLID, CORROSIVE, H.O.S., 4.3, UN3131, II, (SODIUM ETHOXIDE), LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		DF		1		P		D001 D003	
b.		x		WASTE ORGANIC PEROXIDE TYPE C, LIQUID, 5.2, UN3103, II, LIMITED QUANTITY						1		DF		1		P		D001 D003	
c.		x		WASTE IRON PENTACARBONYL, 6.1, UN1994, I, POISON-INHALATION HAZARD ZONE A; DOT E9168						2		CF		1		P		D001 D003	
d.		x		WASTE IRON PENTACARBONYL MIXTURE, 6.1, UN1994, I, LIMITED QUANTITY-RADIOACTIVE MATERIAL; POISON-INHALATION HAZARD ZONE A; DOT E9168						1		CF		1		P		D001 D003	
e.		x		WASTE TOXIC LIQUIDS, FLAMMABLE, ORGANIC, H.O.S., 6.1, UN2929, II, (TRIBUTYL TIN HYDRIDE)						1		DF		1		P		D001	
f.		x		WASTE TRINITROFLUORENE, 6.1, UN2438, I, POISON-INHALATION HAZARD ZONE B; DOT E9168						1		CF		1		P		D001 D002 D003	
g.		x		WASTE HYDRAZINE, ANHYDROUS, 6.1, UN2029, I, TOXIC <i>DOT-E 1153</i>						1		DF		1		P		E133 D001 D002 D003	
h.																			
i.																			
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above													
28a. 03-10-025 C97097531						28f. 03-10-014 C97097541													
28b. 03-10-023 C97097658						28g. 03-10-013 C97097637													
28c. 03-10-015 C03164773 C97097642						<i>S01, S02, T01, T04, T80</i>													
28d. 04-05-013 C04170790																			
28e. 03-10-020 C97097759																			
32. Special Handling Instructions and Additional Information																			
EMERGENCY PHONE NO: (505) 667-6211																			
28a. ERGNO: 138 28b. ERGNO: 146 28c. ERGNO: 131 28d. ERGNO: 131 28e. ERGNO: 131 28f. ERGNO: 132																			
28g. ERGNO: 132																			
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																			

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04181		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						A. State Manifest Document Number											
4. Generator's Phone (505) 665-6158						B. State Generator's ID											
5. Transporter 1 Company Name MP Environmental, Inc.			6. US EPA ID Number CA100624247			C. State Transporter's ID											
7. Transporter 2 Company Name						D. Transporter's Phone (800) 833-7609											
9. Designated Facility Name and Site Address PERNA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653						E. State Transporter's ID											
10. US EPA ID Number FLD980711071						F. Transporter's Phone											
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.					
						No. Type											
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3, UN2924, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT - E 1153						1		DF		5		P		0001 0002			
b. <input checked="" type="checkbox"/> TOXIC LIQUID INORGANIC N.O.S., 6.1, UN3287, II, (MANGANESE CARBONYL), LIMITED QUANTITY-RADIOACTIVE MATERIAL R.D. 6/21/07						1		CF		1		P					
c. <input checked="" type="checkbox"/> TOXIC LIQUID ORGANIC N.O.S., 6.1, UN2810, II, (PENTACARBONYL METHYL MANGANESE), LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		CF		1		P					
d. <input checked="" type="checkbox"/> WASTE ANILINE, 6.1, UN1547, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		DF		7		P		0012			
J. Additional Descriptions for Materials Listed Above 11a. 254176 C04371390 11b. 254178 C04370787 11c. 254175 C04170788 11d. 254177 C04370792						K. Handling Codes for Wastes Listed Above Sol, 2114, 7030											
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 132 11b. ERGNO: 151 11c. ERGNO: 154 11d. ERGNO: 153 HMTF#: 04061402																	
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. Newman						Signature <i>[Signature]</i>				Month Day Year 06/17/04							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Rinnie Stanley				Signature <i>[Signature]</i>				Month Day Year 0624/04			
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 Steve Williams				Signature <i>[Signature]</i>				Month Day Year 0701/04			

ORIGINAL-RETURN TO GENERATOR



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 04181	22. Page 2	Information in the shaded areas is not required by Federal law.		
		23. Generator's Name U of CA LAB for US DOE Los Alamos National Laboratory P.O. Box 1663, MS 3595, Los Alamos, NM 87545		L. State Manifest Document Number			
24. Transporter <u> </u> Company Name		25. US EPA ID Number		M. State Generator's ID			
26. Transporter <u> </u> Company Name		27. US EPA ID Number		N. State Transporter's ID			
				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 W/Vol	R. Waste No.	
		No.	Type				
a.	<input checked="" type="checkbox"/> HM	WASTE PROPIONIC ACID, 8, UN1848, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL DOT-E MS3	1	DR	2	P	0001 0002
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
DOT-E MS3				SOL. W/41, MS3D			
32. Special Handling Instructions and Additional Information							
EMERGENCY PHONE NO: (303) 667-6211 24a. SIGNO: 132							
TRANSPORTER	33. Transporter <u> </u> Acknowledgement of Receipt of Materials			Date			
	Printed/Typed Name		Signature	Month	Day	Year	
TRANSPORTER	34. Transporter <u> </u> Acknowledgement of Receipt of Materials			Date			
	Printed/Typed Name		Signature	Month	Day	Year	
FACILITY	35. Discrepancy Indication Space						

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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

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

5/5/04

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

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: August 4, 2004

Subject: Notice of Completion To: Lee Winn	Document Identification SWRC-:04-055 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	---

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinge				
3.	J591	Beverly Ramsey RRES Division Leader	<i>Beverly Ramsey</i>	✓		8/5/04
4.	J590	Jack Ellvinger Acting SWRC Group Leader	<i>Jack Ellvinger</i>	✓		8/5/04
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



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

Date: October 25, 2004
 Refer To: RRES- SWRC:04-076

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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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), "provide 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 Section 3.2 of the CPV was initiated on September 20, 2004, and completed on September 24, 2004. The waste was sent to Envirocare in Clive, Utah. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m)
3.2	LA-W934	<i>High Activity Waste</i>	04275	0.7
Total STP Volume Shipped				0.7



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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: (w/enc.)

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

Ms. Lee Winn
SWRC:04-038

-3-

October 25, 2004

Bcc: (w/o enc.):
J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
SWRC File, K490
IM-5, A150

ENCLOSURE A

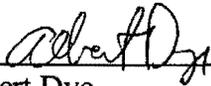
**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 04275		2. Page 1 of 1		Information in the shaded areas is not required by Federal law						
3. Generator's Name and Mailing Address OF CA LAND FOR US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						A. State Manifest Document Number								
4. Generator's Phone (505) 665-6158						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								
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone (505) 731-1149								
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Interstate 80, Exit 49 Clive, UT 84029						E. State Transporter's ID								
10. US EPA ID Number UTD982598898						F. Transporter's Phone								
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.		
a. WASTE RADIOACTIVE MATERIAL, LSA, N.O.S., 7, UN2912, Solid, CO60 NH54, 2.59e-01 TBq, Flammable Excepted, LSA-II						No. 1		Type SC		9502		P		
b.														
c.														
d.														
16. Additional Descriptions for Materials Listed Above Exclusive use shipment						K. Handling Codes for Wastes Listed Above								
9006-10-M07956						HRTF: 04091001								
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162														
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 W. Newby					Signature <i>[Signature]</i>					Month Day Year 09/20/04				
17. Transporter 1 Acknowledgement of Receipt of Materials														
Printed/Typed Name Willie Odum					Signature <i>[Signature]</i>					Month Day Year 09/20/04				
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 Ryan Fotheringham					Signature <i>[Signature]</i>					Month Day Year 09/20/04				

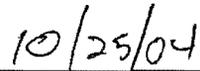
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2 (K)
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



Date Signed





Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: January 5, 2004
Refer to: RRES/SA-2003-428

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2004. Expedited treatment opportunities are available for waste items if they can be included with scheduled LANL shipments to Perma-Fix, Inc., in Gainesville, Florida; Diversified Scientific Services, Inc. (DSSI), in Kingston, Tennessee; and Material and Energy Corporation (M&EC) in Oak Ridge, Tennessee.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.5	LA-W922	<i>Non-Combustible Debris</i>	0.26
3.2	LA-W925	<i>Mercury Wastes TBD</i>	0.37
TOTAL			0.63

Ms. Lee Winn

January 5, 2004

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,



Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

January 5, 2004

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS M319
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490

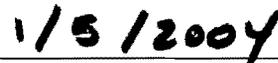
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: April 6, 2004
 Refer to: SWRC:04-029

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building. 1
 Santa Fe, New Mexico 87505-6303

Dear Ms. Winn:

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2005. Expedited treatment opportunities are available for waste items if they can be included with scheduled LANL shipments to Waste Control Specialists (WCS) in Andrews County, Texas

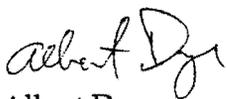
STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (in ³)
13.0			
3.1.6	LA-W914	<i>Corrosive Solutions</i>	0.081
TOTAL			0.081

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,


 Albert Dye
 STP Project Manager

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC MS K490

Document Date: April 6, 2004

Subject: Request for Expedited Treatment

To: Lee Winn

Document Identification

SWRC-:04-029

Check One (Indicate required date)

RUSH No Rush

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> → Site Treatment Plan				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>		4/06/04
	K490	Jack Ellvinger Acting Deputy Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>		4/06/04
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



Solid Waste Regulatory Compliance
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-4715 / FAX: (505) 665-5224

Date: April 14, 2004
Refer to: RRES-SWRC: 04-031

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2005. Expedited treatment opportunities are available for waste items if they can be included with scheduled LANL shipments to Envirocare in Utah.

STP Section to be Added to Rev 13.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.5	LA-W922	<i>Non-combustible Debris</i>	0.02
TOTAL			0.02

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

Albert Dye
STP Project Manager

AD:gg

Enclosures: a/s

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

Cy (w/o encl.):
J. Orban, WMD, DOE-ABQ
J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
SWRC File

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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
Risk Reduction & Environmental Stewardship Division
Los Alamos National Laboratory
Operator

Date Signed

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

Date Signed

LANL FFCO 2007



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 9, 2003
Refer to RRES/SA-2003-441

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: NOTICE OF RETURN OF WASTE FOR THE FEDERAL FACILITIES COMPLIANCE ORDER FOR LOS ALAMOS NATIONAL LABORATORY (LANL)

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the return of approximately 1.5 cubic meters of mixed low-level waste from Waste Control Specialists of Andrews County Texas. The waste is DOE / LANL waste that was treated at WCS by sort-segregation, consolidation and repackaging. The lead waste was to have been profiled on to Envirocare but is now to be returned to LANL and will be sent to Envirocare with the next available opportunity. The Federal Facility Compliance Order states in Section X, A revision is: 4. "An increase in volume in a treatability group in the STP." The return of this waste will result in the increase in volume. Section X also states, "Revision may be proposed to NMED in the Annual Site Treatment Plan Update or at such other times which Respondents deem necessary." Therefore, this revision will be in the next annual update.

Included as Enclosure A is a Certification Statement prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Dianne Williams Wilburn".

Dianne Williams Wilburn
STP Project Manager

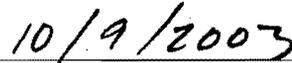
**ENCLOSURE A
CERTIFICATION**

**NOTICE OF RETURN OF WASTE
SECTION X REVISIONS
FEDERAL FACILITIES COMPLIANCE ORDER (FFCO)
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator



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



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545

Date: December 18, 2003
Refer to: RRES/EA-2004-459

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: RETURN OF MIXED TRANSURANIC WASTE (MTRU)
FEDERAL FACILITIES COMPLIANCE ORDER (FFCO)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request permission from the New Mexico Environment Department (NMED) for the return of 2.5 cubic meters of MTRU from by Argonne National Laboratory-West (ANL-W), which is part of the Idaho National Environmental and Engineering Laboratory (INEEL)

MWIR Waste ID	Treatability Group	Volume
MTRU	<i>Mixed Transuranic Waste</i>	2.5 m ³

Twelve drums of homogenous mixed transuranic waste were sent to ANL-W for coring and analyses. No material was added to the waste and it will be returned in its original form.

Once approval has been received from NMED, INEEL will ship these drums to LANL where they will be prepared for final disposition at the Waste Isolation Pilot Plant (WIPP).

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Cy (w/encl.):

Ms. Lee Winn

December 3, 2003

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

December 3, 2003

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS M319
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
RRES-EA files



Waste Disposition Program
P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545

Date: February 4, 2004
Refer to: RRES/EA-2004-472

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: RETURN OF MIXED TRANSURANIC WASTE (MTRU)
FEDERAL FACILITIES COMPLIANCE ORDER (FFCO)
SITE TREATMENT PLAN (STP) Compliance Plan Volume
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of the return of 2.5 cubic meters of MTRU from by Argonne National Laboratory-West (ANL-W), which is part of the Idaho National Environmental and Engineering Laboratory (INEEL).

MWIR Waste ID	Treatability Group	Volume
MTRU	Mixed Transuranic Waste	2.5 m ³

Twelve drums of homogenous mixed transuranic waste were sent to ANL-W for coring and analyses. No material was added to the waste and it will be returned in its original form. The drums are expected to be returned in mid-March 2004. Shipment to the Waste Isolation Pilot Plant (WIPP) should occur within 24 months.

Included, as Enclosure A 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 (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

Dianne Williams Wilburn
STP Project Manager

Ms. Lee Winn

February 4, 2004

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn

February 4, 2004

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS M319
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
T. Grieggs, RRES-SWRC, MS K490
RRES-EA files

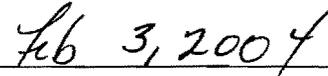
**ENCLOSURE A
CERTIFICATION**

**Notification of Return of Waste
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.



Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed

LANL FFCO 2003



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: October 8, 2003
Refer to RRES/SA-2003-437

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 MILESTONE ACTIVITY TO COMPLETE SHIPMENTS OR PARALLEL OPTIONS 3.1.5 (A) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.5 (A) in the CPV requires Los Alamos National Laboratory "complete shipping of existing wastes to an off-site treatment facility or complete parallel option by August 25, 2003."

A review of the STP inventory indicates the following treatability groups have now been shipped off-site and are no longer onsite: 1) LA-W912 Combustible, Debris; 2) LA-W921 Activated or Separated Lead; and 3) LA-W922 Non-Combustible Debris.

Included as Enclosure A is a Certification Statement prepared in accordance with the requirements of Section XX, "Documents, Information, and Reporting Requirements," of the FFCO.

Please contact me (505) 667-6952 or dwwilburn@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dianne Williams Wilburn'.

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

**ENCLOSURE A
CERTIFICATION**

**NOTICE OF COMPLETION OF MILESTONE
ACTIVITY 3.1.5 (A)
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.

D. Williams Wilburn

Dianne Williams Wilburn
STP Project Manager
Environmental Science and Waste Technology
Los Alamos National Laboratory
Operator

OCT 8 2003

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

Red LANL FCO 2004



Waste Disposition Program

P.O. Box 1663, Mail Stop J591
Los Alamos, New Mexico 87545
(505) 667-6952 / FAX: (505) 665-8118

Date: February 9, 2004
Refer to RRES/EA-2004-474

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 MILESTONE 3.1.11(B) IN THE COMPLIANCE PLAN VOLUME (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 3.1.11 (B) in the CPV requires that LANL "Complete shipment of existing wastes for treatment to an off-site facility or complete parallel option" by 02/01/2004 for treatability group LA-W923 Liquid and Solid Oxidizers.

Please contact me (505) 667-6952 or dwilburn@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Williams Wilburn'.

Dianne Williams Wilburn
STP Project Manager

Enclosures: a/s

Cy (w/encl.):

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc (w/o encl.):

- J. Orban, WMD, AL
- J. Nunz, DOE, LASO, MS A316
- B. Martin, RRES-DP, MS J552
- D. Wilburn, RRES-SA, MS J591
- E. Louderbough, LC-GL, MS A187
- D. Christensen, FWO-SWO, MS J595
- A. Millensted, FWO-SWO, MS J595
- C. Duy, FWO-SWO, MSJ595
- T. Grieggs, RRES-SWRC, MS K490
- K. Oshel, FWO-SWO, MS J595
- RRES-EA files

ENCLOSURE A

**MILESTONE COMPLETION
ACTIVITY 3.1.11 (B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

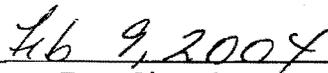
CERTIFICATION

**DOCUMENTATION OF COMPLETION OF
ACTIVITY 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.



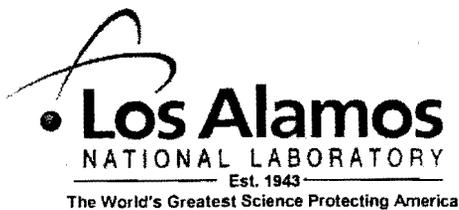
Dianne Wilburn
STP Project Manager
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed



Solid Waste Regulatory Compliance Group
P.O. Box 1663, Mail Stop K490
Los Alamos, New Mexico 87545
(505) 667-0666/Fax: (505) 665-5224

Date: April 29, 2004
Refer to: SWRC:04-035

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 MILESTONE 3.4 (B) & (C) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), Federal Facility Compliance Order (FFCO) 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 LANL FFCO STP. Activities 3.4 (B) and (C) require that LANL, "*Complete re-verification process*" and "*Reassign any existing items to appropriate treatability groups*" by Milestone Date 04/21/2004. All of the items originally in this waste category have been determined not to exist through visual inspections and thorough document reviews. LANL will be requesting approval for deletion of these items from Section 3.4 of the STP in the next Annual Revision due to NMED in March 2005.

LANL will continue to report to NMED should any other items be found missing from the original STP inventory and request their addition to the STP in future Annual Revisions.

Please contact me (505) 667-6952 or dyea@lanl.gov if you have any questions.

Sincerely,

Albert Dye
STP Project Manager

AD:vc
Enc. a/s

Ms. Lee Winn
SWRC:04-035

-2

April 29, 2004

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

Bcc (w/o encl.):

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
B. Martin, RRES-DP, MS J552
D. Wilburn, RRES-SA, MS J591
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
A. Millensted, FWO-SWO, MS J595
C. Duy, FWO-SWO, MSJ595
T. Grieggs, RRES-SWRC, MS K490
K. Oshel, FWO-SWO, MS J595
RRES-SWRC files

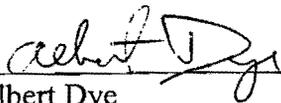
ENCLOSURE A

**MILESTONE COMPLETION
ACTIVITIES 3.4 (B) & (C)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

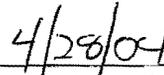
CERTIFICATION

**DOCUMENTATION OF COMPLETION OF
MILESTONE ACTIVITIES 3.4 (B) & (C)
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
Environmental Science and Waste Technology Division
Los Alamos National Laboratory
Operator



Date Signed

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

Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC MS K490

Document Date: April 28, 2004

Subject: Notice of Completion of Milestone 3.4 To: Lee Winn	Document Identification SWRC-:04-035 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
--	---

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>4/28/04</i>
3.	K490	Jack Ellvinger Acting Deputy Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>4/28/04</i>
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



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

Date: June 07, 2005
Refer To: ENV-SWRC:05-036

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: NMED COMMENTS ON THE SITE TREATMENT PLAN (STP) FISCAL YEAR 2004 UPDATE AND REVISION 15.0 PROPOSAL, LOS ALAMOS NATIONAL LABORATORY (LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), ORDER 4, 1995

Dear Ms. Winn:

On April 11, 2005, we met to discuss your review of the Los Alamos National Laboratory (LANL) Site Treatment Plan Fiscal Year 2004 Update and Revision 15.0 Proposal, dated March 18, 2005. As a result of your review, you requested information on the following:

- 1.) In a letter dated October 9, 2003, LANL notified the New Mexico Environment Department (NMED) of the return to LANL of approximately 1.5 cubic meters of mixed low level waste source segregated by WCS at its Andrew County, Texas facility. The letter stated that an increase in volume from the returned waste would be reflected in the next annual update (i.e. the FY2004 update). However, that waste shipment was not returned for storage at LANL but was transported from WCS on to Duratek in Tennessee for recycling within the DOE complex. Thus, there was no increase in volume as anticipated in the October 9, 2003 letter.
- 2.) In a letter dated October 29, 2003, LANL notified NMED that during characterization of items for off-site shipment, a gas cylinder, in treatability group LA-W918 for *Compressed Gases Requiring Oxidation* due to its EPA Code D001 for ignitability as a compressed gas, was found to not have a valve on the cylinder itself. The empty gas cylinder does not have an associated EPA code and is low-level waste. The letter stated the item volume (0.0425 m³) would be removed from inventory in the next annual revision. That decrease in volume was reflected in the FY2003 STP update.
- 3.) Table X.C.2.a.-1 of Revision 15 lists newly covered waste for FY2004. Most of the newly covered waste was shipped off site for treatment during FY2004. The small volume of newly covered waste that remained in storage at the end of FY2004 has been added to the appropriate sections of the compliance plan volume along with proposed compliance dates.
- 4.) You had several questions on discrepancies in volumes listed in expedited shipment letters and in tables in the annual update and revision. Corrections to the tables have been made.

Ms. Lee Winn
SWRC:05-036

2

June 7, 2005

Enclosed is copy of the Site Treatment Plan (STP) Fiscal Year 2004 Update and Revision Proposal 15.0 that includes the changes discussed above in items 3 and 4.

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc. a/s

Cy: w/enc.
Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

J. Nunz, DOE, LASO, A316
Author File, K490
SWRC File, K490
IM-9, A150

Bcc (w/o encl.):

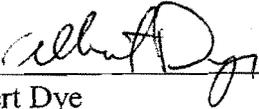
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

E. Louderbough, LANL, LC-GL, MS A187
G. Montoya, NWO-SWO, LANL, MS J595
J. Minton-Hughes, NWO-SWO, LANL, MS J595
C. Duy, NWO-SWO, LANL, MS J595
SWRC-File
IM-9, A150

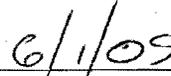
CERTIFICATION

**COMMENT RESOLUTION ON THE SITE TREATMENT PLAN (STP) FISCAL YEAR 2004
UPDATE AND REVISION 15.0 PROPOSAL, LOS ALAMOS NATIONAL LABORATORY
(LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), ORDER 4, 1995**

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
Environmental Stewardship Division
Los Alamos National Laboratory
Operator



Date Signed



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



Date Signed

Los Alamos

National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: ~~May 31, 2005~~ June 7, 2006

Subject: NMED Comments on the Site Treatment Plan
2004 update

To: Lee Winn

Document Identification

SWRC:05-036

Check One (Indicate required date)

RUSH No Rush

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>		
		Scan Yes <input type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>		6/8/05
3.	K490	Tony Grieggs Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>		6/8/05
	J591	Ken M. Hargis ENV Division Leader	<i>Ken M. Hargis</i>	<input checked="" type="checkbox"/>		6/9/05
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval

FY05 Revision 16 Documents



*Risk Reduction & Environmental Stewardship
Waste Disposition Program*
RRES-WD / MS: M-319
557 Oppenheimer Drive Room 225
Los Alamos, New Mexico 87544
(505)665-0714/Fax (505)664-0477

Date: March 9, 2004
Refer To: RRES-WD/04-0014

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Carl Will
Permits Department
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

**SUBJECT: FEDERAL FACILITY COMPLIANCE ORDER UNIVERSITY PROJECT
LEADER LOS ALAMOS NATIONAL LABORATORY**

Dear Mr. Will,

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of a change in personnel for the University Project Leader. The Federal Facilities Compliance Order (FFCO) states *"either party may change its designated Project Leader by notifying the other Party, in writing, ten (10) days before the change, to the extent possible."* This notification is required by Section XVI of the October 4, 1995 FFCO.

The new University Project Leader is:
Albert Dye
Waste Disposition Program
Los Alamos National Laboratory MS K490
P. O. Box 1663
Los Alamos, NM 87545-1663

Future communications between the Parties listed in the FFCO should be directed to Mr. Dye. If you have any questions concerning this matter, please contact Albert Dye at dyea@lanl.gov, or 505-667-4715.

Sincerely,

J.C. Del Signore

Chris Del Signore
Deputy Project Directory/Waste Disposition Program Manager
Risk Reduction and Environmental Stewardship Division
Los Alamos National Laboratory

Mr. Carl Will
WD-2004-0014

2

March 9, 2004

Cy:

Ms. Sandra Martin, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Lee Winn

Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505
RRES-WD File

Mr. Carl Will
WD-2004-0014

3

March 9, 2004

Bcc:

J. Orban, WMD, AL
J. Nunz, DOE, LASO, MS A316
D. Christensen, FWO-SWO, MS J595
A. Dye, RRES-SWRQ, MS K490
T. Grieggs, RRES-SWRQ, MS K490
E. Louderbough, LC-GL, MS A187
RRES-WD Files



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: November 1, 2004
 Refer to: SWRC:04-077

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Lee Winn
 Environmental Specialist
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building. 1
 Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2005. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to M&EC in Tennessee.

STP Section to be Added to Rev 15.0	MWR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W925	<i>Mercury Wastes- TBD</i>	0.0205
TOTAL			0.0205

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

Albert Dye
 STP Project Manager

Ms. Lee Winn
SWRC:04-077

2

November 1, 2004

AD:vc

Enclosures: a/s

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

Bcc: w/o enc.
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC File
IM-5, MSA150



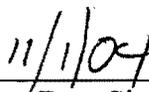
ENCLOSURE A
CERTIFICATION

REQUEST FOR EXPEDITED TREATMENT
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
Risk Reduction & Environmental Stewardship Division
Los Alamos National Laboratory
Operator



Date Signed



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: November 1, 2004
 Refer to: SWRC:04-078

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Lee Winn
 Environmental Specialist
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building. 1
 Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2005. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Permafix in Florida.

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m)
15.0 3.2	LA-W933	Labpacks	0.04
TOTAL			0.04

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,


 Albert Dye
 STP Project Manager

Ms. Lee Winn
SWRC:04-078

2

November 1, 2004

AD:vc

Enc. a/s

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

Bcc: w/o enc.

J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Christensen, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC File
IM-5, MSA150

ENCLOSURE A
CERTIFICATION

REQUEST FOR EXPEDITED TREATMENT
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

Albert Dye
STP Project Manager
Risk Reduction & Environmental Stewardship Division
Los Alamos National Laboratory
Operator

11/1/04

Date Signed



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: November 22, 2004
 Refer to: SWRC:04-084

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Lee Winn
 Environmental Specialist
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2006. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Waste Control Specialists in Andrews County, Texas.

STP Section to be Added to Rev 16.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m)
3.1.11	LA-W909	Bulk Oils	0.5065
TOTAL			0.5065

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,


 Albert Dye
 STP Project Manager

Ms. Lee Winn
SWRC:04-084

2

November 22, 2004

AD:vc

Enc. a/s

Cy: w/enc.
Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: w/o enc.

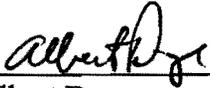
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, LANL, FWO-SWO, MS J595
J. Minton-Hughes, LANL, FWO-SWO, MS J595
C. Duy, LANL, FWO-SWO, MS J595
SWRC File, LANL, K490
IM-5, MS, A150

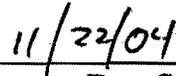
**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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
Environmental Stewardship Division
Los Alamos National Laboratory
Operator



Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: November 22, 2004

Subject: Request for Expedited Treatment STP, LANL To: Lee Winn	Document Identification SWRC-:04-084 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	---

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger				
3.	J591	Jack Ellvinger Acting Deputy Group Leader	<i>Jack Ellvinger</i>	✓		11/22/04
4.	J590	Ken Hargis ENV Division Leader	<i>Ken Hargis</i>	✓		11/23/04
	A150	IM-5 (for dispatch)				

• Reason(s) for disapproval



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: January 27, 2005
 Refer to: SWRC:05-004

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Lee Winn
 Environmental Specialist
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL, STP in the next Annual Revision due March 31, 2006. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Envirocare in Utah.

STP Section to be Added to Rev 16.0	MAWR Waste ID	Treatability Group	Volume to be Shipped (m)
3.2	LA-W924	Lead wastes-TBD	0.010
TOTAL			0.010

As stated, the items will be proposed for addition to the STP during the 2006 Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

Albert Dye
 STP Project Manager

Ms. Lee Winn
SWRC:05-004

3

January 26, 2005

Bcc: w/o enc.
James Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC File
IM-9, MSA150

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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
Environmental Stewardship Division
Los Alamos National Laboratory
Operator

1/27/05

Date Signed



Solid Waste Regulatory Compliance
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-4715 / FAX: (505) 665-5224

Date: April 28, 2005
 Refer to: SWRC:05-027

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Lee Winn
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building. 1
 Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
 LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL, STP in the next Annual Revision due March 31, 2006. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Permafix in Gainesville, Florida.

STP Section to be Added to Rev	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
16.0			
3.2	LA-W933	<i>Lab packs</i>	0.2120
TOTAL			0.2120

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

Albert Dye
 STP Project Manager

AD:vc

**ENCLOSURE A
CERTIFICATION**

**REQUEST FOR EXPEDITED TREATMENT
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

Albert Dye
STP Project Manager
Environmental Stewardship Division
Los Alamos National Laboratory
Operator

4/26/05

Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: April 26, 2005

Subject: Request for Expedited, STP, LANL To: Lee Winn	Document Identification SWRC:05-026 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	--

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Gian Bacigalupa	<i>Gian Bacigalupa</i>	✓		
3.	K490	Tony Grieggs Group Leader	<i>T. Grieggs</i>	✓		
4.	J591	Ken M. Hargis ENV Division Leader	<i>Kenneth M. Hargis</i>	✓		4/26/05
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval



The World's Greatest Science
Protecting America
Solid Waste Regulatory Compliance

Date: August 30, 2005
Refer to: ENV-SWRC:05-059

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building. 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision due March 31, 2006. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Envirocare in Utah.

STP Section to be Added to Rev 16.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.1.5	LA-W921	Activated or Inseparable Lead	0.6246
TOTAL			0.6246

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or <mailto:dyea@lanl.gov> if you have any questions.

Sincerely,

Albert Dye
STP Project Manager

P. O. Box 1663, MS K490, Los Alamos, NM 87545
505-667-0666/FAX 505-667-5224

An Equal Opportunity Employer / Operated by the University of California for the
National Nuclear Security Administration of the U.S. Department of Energy

ENCLOSURE A
CERTIFICATION

**REQUEST FOR EXPEDITED TREATMENT
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

Albert Dye
STP Project Manager
Environmental Stewardship Division
Los Alamos National Laboratory
Operator

8/30/09

Date Signed

Bcc: w/o enc.
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC File
IM-5, MSA150



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

Date: December 20, 2004
Refer To: SWRC:04-096

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) and 3.2 (K) IN THE COMPLIANCE PLAN VOLUME
(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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.10 (B) and 3.2 (K) 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), *“provide 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 Section 3.1.10 and 3.2 of the CPV was initiated on November 9, 2004, and completed on November 11, 2004. The waste was sent to M&EC in Tennessee. The volume of STP waste shipped is described in the following table:

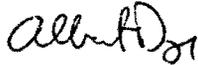
STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m)
3.1.10	LA-W920	<i>Elemental mercury</i>	05006	0.053
3.2	LA-W925	<i>Mercury wastes-TBD</i>	05006	0.6184
Total STP Volume Shipped				0.6714



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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

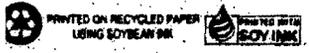


ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.10 AND 3.2
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05006	2. Page 1 of 5	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address 301 CA LANE 101 05 DOR Los Alamos National Laboratory P.O. Box 1663, MS J599, Los Alamos, NM 87545		4. Generator's Phone (505) 665-6158		A. State Where Generated B. State of Destination C. State of Transporter D. DOT Hazard Class and ID Number E. State of Transporter F. DOT Hazard Class and ID Number G. State of Transporter H. Facility Name I. Facility Phone		
5. Transporter 1 Company Name N.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247				
7. Transporter 2 Company Name		8. US EPA ID Number				
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830		10. US EPA ID Number TNRO000005397				
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity			14. Unit Wt/Vol
a.	WASTE FLAMMABLE LIQUID, TOXIC, CORROSIVE, H.O.S., 3, UN3285, II, (METHYL MERCURY HYDROXIDE)	1	DF	3	k	15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 131 11b. ERGNO: 138 11c. ERGNO: 139 11d. ERGNO: 139 HEYTE: 04102601
b.	WASTE WATER-REACTIVE LIQUID, CORROSIVE, H.O.S., 4.3, UN3129, I, (SODIUM IN MERCURY) <i>Limited Quantity - Radioactive Material</i>	1	DF	1	k	
c.	WASTE WATER-REACTIVE SOLID, TOXIC, H.O.S., 4.3, UN3134, I, (ZINC/MERCURY METAL POWDER), DANGEROUS WHEN WET	1	DF	1	k	
d.	WASTE WATER-REACTIVE SOLID, TOXIC H.O.S., 4.3, UN3134, I, (MERCURY, SODIUM)	1	DF	1	k	
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.		17. Transporter 1 Acknowledgement of Receipt of Materials		18. Transporter 2 Acknowledgement of Receipt of Materials		
Printed/Typed Name Paul W. Newby		Signature <i>[Signature]</i>		Month Day Year 11/10/04		
Printed/Typed Name PAUL POLAND		Signature <i>[Signature]</i>		Month Day Year 11/10/04		
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 Kimberly Hurd		Signature <i>[Signature]</i>		Month Day Year 11/11/04		

ORIGINAL-RETURN TO GENERATOR



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05006	22. Page 5	Information in the shaded areas is not required by Federal law.
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23. Generator's Name U of CA LANE for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J593, Los Alamos, NM 87545	
24. Transporter Company Name M.P. ENVIRONMENTAL SERVICES, INC.	25. US EPA ID Number CAT000624247
26. Transporter Company Name	27. US EPA ID Number

HM	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 MERCURIC CHLORIDE, SOLUTION, 6.1, UN1624, II, RQ(D009)	1	DM	2	k
b. F	WASTE MERCURIC NITRATE, 6.1, UN1625, II	1	DF	1	k
c. X	WASTE MERCURY ACETATE, 6.1, UN1629, II <i>Limited Quantity - Radioactive Material</i>	1	DF	1	k
d. X	WASTE MERCURY COMPOUND, SOLID, N.O.S., 6.1, UN2925, II <i>Limited Quantity - Radioactive Material</i>	1	DF	1	k
e. X	WASTE MERCURY COMPOUNDS, SOLID, N.O.S., 6.1, UN2925, II, (MERCURY SALTS, MERCURIC IODIDE, MERCURIUS CHLORIDE)	1	DM	1	k
f. E	WASTE MERCURY IODIDE, 6.1, UN1638, II	1	DM	1	k
g. X	WASTE TOXIC SOLID, INORGANIC, N.O.S., 6.1, UN3288, II, (CONTAINS LEAD, MERCURY)	1	DM	1	k
h. X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY FISSILE-EXCEPTED, 7, UN3321, LIQUID, AN241 PU238 PU239, 3.70e-07 TBq, LSA-II, RQ(MERCURY)	1	DM	62	k
i. X	WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., 8, UN2922, LIQUID, AN241 PU238 PU239, 1.11e-11 TBq	1	DM	33	k

32. Special Handling Instructions and Additional Information
 EMERGENCY PHONE NO: (505) 667-6211
 28a. ERGNO: 154 28b. ERGNO: 141 28c. ERGNO: 151 28d. ERGNO: 151 28e. ERGNO: 151 28f. ERGNO: 151
 28g. ERGNO: 151 28h. ERGNO: 162 28i. ERGNO: 154

33. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name PAUL POLAND	Month Day Year 11/09/04
Signature <i>Paul Poland</i>	
34. Transporter Acknowledgement of Receipt of Materials	Date
Printed/Typed Name	Month Day Year
Signature	

35. Discrepancy Indication Space

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05006	22. Page 5	Information in the shaded areas is not required by Federal law.	
23. Generator's Name U of CA LAMC for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545						
24. Transporter 1 Company Name H.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247				
26. Transporter Company Name		27. US EPA ID Number				
28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				29. Containers	30. Total Quantity	31. Unit Wt/Vol
	HM			No.	Type	
a.	X	WASTE CORROSIVE LIQUIDS, TOXIC, H.O.S., 8, UN2922, (MERCURY)		1	DM	10 L
b.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (ARSENIC, MERCURY)		1	DF	1 L
c.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (CONTAINS SULFURIC ACID, SILVER, MERCURY)		2	DF	9 L
d.	EQ	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (CONTAINS SULFURIC ACID, SILVER, MERCURY)		1	DF	9 L
e.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (MERCURY), LIMITED QUANTITY RADIOACTIVE MATERIAL <i>on 11/5/04</i>		1	DM	4 L
f.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (SODIUM HYDROXIDE, MERCURY)		1	DF	8 L
g.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (CONTAINS SULFURIC ACID, SILVER, MERCURY)		1	DF	5 L
h.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (SULFURIC ACID, SILVER, MERCURY)		1	DF	5 L
i.	X	WASTE CORROSIVE LIQUID, TOXIC, H.O.S., 8, UN2922, II, (MERCURY, AMMONIA, SODIUM HYDROXIDE), LIMITED QUANTITY RADIOACTIVE MATERIAL <i>2922 EQ 11/1/04</i> <i>on 11/5/04</i>		1	DM	8 L
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. REGNO: 154 28b. REGNO: 154 28c. REGNO: 154 28d. REGNO: 154 28e. REGNO: 154 28f. REGNO: 154 28g. REGNO: 154 28h. REGNO: 154 28i. REGNO: 154						
33. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name PAUL POLAND			Signature <i>Paul Poland</i>		Month Day Year 11/09/04	
34. Transporter Acknowledgement of Receipt of Materials				Date		
Printed/Typed Name			Signature		Month Day Year	
35. Discrepancy Indication Space						

GENERATOR TRANSPORTER FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05006	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							
24. Transporter Company Name M.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247					
26. Transporter Company Name		27. US EPA ID Number					
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 CORROSIVE LIQUIDS, TOXIC, H.O.S., 8, UN2922, II, (CONTAINS SULFURIC ACID, SILVER)	1	DR	5	k	
b.	X	WASTE CORROSIVE LIQUIDS, TOXIC, H.O.S., 8, UN2922, III, (MERCURY), RQ(MERCURY)	1	DR	28	k	
c.	X	WASTE CORROSIVE LIQUIDS, TOXIC, H.O.S., 8, UN2922, III, (SULFURIC ACID, MERCURY)	1	DR	4	k	
d.	X	WASTE MERCURY, 8, UN2809, III	1	DR	2	k	
e.	X	HAZARDOUS WASTE, LIQUID, H.O.S., 9, RA3082, III, (LEAD, CHROMIUM)	1	DR	1	k	
f.	RQ	HAZARDOUS WASTE, LIQUID, H.O.S., 9, RA3082, III, (MERCURY)	1	DR	227	k	
g.	X	HAZARDOUS WASTE, LIQUID, H.O.S., 9, RA3082, III, (MERCURY)	2	DR	209	k	
h.	X	HAZARDOUS WASTE, SOLID H.O.S., 9, RA3077	1	DR	13	k	
i.	X	HAZARDOUS WASTE, SOLID, H.O.S., 9, RA3077, III, (CONTAINS MERCURY)	1	DR	2	k	
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 154 28b. ERGNO: 154 28c. ERGNO: 154 28d. ERGNO: 172 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 PAUL POLAND			Signature <i>Paul Poland</i>		Date 11/10/04
34. Transporter Acknowledgement of Receipt of Materials		Printed/Typed Name			Signature		Date
35. Discrepancy Indication Space							

GENERATOR

TRANSPORTER

FACTORY

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05006	22. Page 5	Information in the shaded areas is not required by Federal law.				
23. Generator's Name U of CA LAWL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545									
24. Transporter Company Name W.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247							
26. Transporter Company Name		27. US EPA ID Number							
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	HAZARDOUS WASTE, SOLID, W.O.S., 9, NA3077, III, (LEAD, MERCURY)			1	DR	1	L	
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. SIGNO: 171									
33. Transporter Acknowledgement of Receipt of Materials				Date					
Printed/Typed Name PAUL TOLAND				Signature <i>Paul Toland</i>			Month Day Year 1/16/91		
34. Transporter Acknowledgement of Receipt of Materials				Date					
Printed/Typed Name				Signature			Month Day Year		
35. Discrepancy Indication Space									

GENERATOR

TRANSPORTER

RECEIVER

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.10 (B) AND 3.2 (K)
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

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

12/20/04

Date Signed



Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

~~Author: Albert Dye, SWRC MS, K490~~

Document Date: December 20, 2004

Subject: Notice of Completion To: Lee Winn	Document Identification SWRC:04-096 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	--

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger				
3.	J591	Jack Ellvinger Acting Deputy Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/20/04
4.	J590	Ken M. Hargis ENV Division Leader	<i>Kenneth M Hargis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/21/04
		IM 9 (for dispatch)				

• Reason(s) for disapproval



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

Date: December 20, 2004
 Refer To: ENV-SWRC:04-095

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 3.1.11 (B) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.11 (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), *"provide 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 Section 3.1.11 of the CPV was initiated on November 9, 2004, and completed on November 11, 2004. The waste was sent to M&EC in Tennessee. 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)
3.1.11	LA-W910	PCB Wastes with RCRA components	05010	0.455
Total STP Volume Shipped				0.455



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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.11(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMD890010515	Manifest Document No. 05010	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 LAB FOR US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545					
4. Generator's Phone 505, 665-6158					
5. Transporter 1 Company Name N.P. ENVIRONMENTAL SERVICES, INC.	6. US EPA ID Number CAT000624247				
7. Transporter 2 Company Name	8. US EPA ID Number				
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			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. RQ	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS HEXANE & MERCURY), POLYCHLORINATED BIPHENYL CONTAMINATION	1	DF	1	l
b. X	RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, AM241 AM243 CO60 NP237 PU238 PU239 PU240 PU241 PU242 U235, 1.99e-05 TBq, LSA-II, RQ(POLYCHLORINATED BIPHENYLS)	1	DF	5	l
c. X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, AM241 PU238 PU239, 3.27e-06 TBq, LSA-II	1	DN	15	l
d. RQ	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL, 7, UN2910, POLYCHLORINATED BIPHENYL CONTAMINATION, SOLID, PU239 TH230 TH228 U238 TH232 U235 U238 AM241 H3 HUI06, 2.93e-06 TBq, FISSILE EXCEPTED	1	DF	7	l
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 128 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 161		HNTP#: 04102803			
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. Newbury		Signature 		Month Day Year 11/10/04	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name PAUL PALANCI		Signature 		Month Day Year 11/10/04	
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 Kimberly Hurd					
Signature 		Month Day Year 11/11/04			

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05010	22. Page 2	Information in the shaded area 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 1 Company Name H.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247	
26. Transporter Company Name		27. US EPA ID Number			
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.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 BA133 CO60 CS137 EU152 EU154 H3 U234 U235 U238, 4.73e-06 TBq, FISSILE EXCEPTED, LSA-II, RQ(POLYCHLORINATED BIPHENYLS)	1	DR	66	k
b.	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - LIMITED QUANTITY OF MATERIAL, 7, UN3310	1	DR	231	k
c.	POLYCHLORINATED BIPHENYLS, LIQUID, 9, UN2315, III, POLYCHLORINATED BIPHENYL CONTAMINATION, RQ(RQ)	1	DR	193	k
d.	POLYCHLORINATED BIPHENYLS, SOLID, 9, UN2315, III, FISSILE EXCEPTED, POLYCHLORINATED BIPHENYL CONTAMINATION, RQ(POLYCHLORINATED BIPHENYLS)	1	DR	49	k
e.					
f.					
g.					
h.					
i.					
32. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 28a. EISNO: 162 28b. EISNO: 28c. EISNO: 171 28d. EISNO: 171					
33. Transporter Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name PAUL POLAND		<i>Paul Poland</i>		Month Day Year 11 10 04	
34. Transporter Acknowledgement of Receipt of Materials		Signature		Date	
Printed/Typed Name		Signature		Month Day Year	
35. Discrepancy Indication Space					

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 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.

Albert Dye

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

12/20/04

Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: December 20, 2004

Subject: Notice of Completion

To: Lee Winn

Document Identification

SWRC:04-095

Check One (Indicate required date)

RUSH No Rush

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger				
3.	J591	Jack Ellvinger Acting Deputy Group Leader	<i>Jack Ellvinger</i>	✓		12/20/04
4.	J590	Ken M. Hargis ENV Division Leader	<i>Ken M. Hargis</i>	✓		12/21/04
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval



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

Date: March 18, 2005
 Refer To: SWRC:05-019

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) and 3.2 (K) IN THE COMPLIANCE PLAN VOLUME
 (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.9 (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), "provide 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 Section 3.1.9 of the CPV was initiated on February 23, 2005, and completed on February 25, 2005. The waste was sent to M&EC in Tennessee. Shipments that included STP covered waste listed in Section 3.2 of the CPV were initiated on February 08, 2005, and completed on February 10, 2005. The waste was sent to Envirocare in Utah. The volume of STP waste shipped is described in the following table:

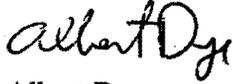
3.1.9	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	05108	0.2557
3.2	LA-W924	<i>Lead Wastes - TBD</i>	05095	0.0151
3.2	LA-W925	<i>Mercury wastes- TBD</i>	05093	1.0410
Total STP Volume Shipped				1.3118



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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505





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: March 18, 2005
Refer To: SWRC:05-019

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) and 3.2 (K) IN THE COMPLIANCE PLAN VOLUME
(CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL
LABORATORY (LANL)**

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A shipment that included STP covered waste listed in Section 3.1.9 of the CPV was initiated on February 23, 2005, and completed on February 25, 2005. The waste was sent to M&EC in Tennessee. Shipments that included STP covered waste listed in Section 3.2 of the CPV were initiated on February 08, 2005, and completed on February 10, 2005. The waste was sent to Envirocare in Utah. The volume of STP waste shipped is described in the following table:

STP Section	Waste ID	Waste Description	Waste Number	Volume Shipped
3.1.9	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	05108	0.2557
3.2	LA-W924	<i>Lead Wastes - TBD</i>	05095	0.0151
3.2	LA-W925	<i>Mercury wastes- TBD</i>	05093	1.0410
Total STP Volume Shipped				1.3118



Bcc: w/o enc.
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, A316
E. Louderbough, LANL, LC-GL, A187
G. Montoya, LANL, FWO-SWO, J595
J. Minton-Hughes, LANL, FWO-SWO, J595
C. Duy, FWO-SWO, LANL, J595
SWRC-File
IM-5, A150



ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.9 AND 3.2
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NLM0890010515	Manifest Document No. 05093	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LAM for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				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		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9933		
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Interstate 80, Exit 49 Clive, UT 84029				10. US EPA ID Number UTD982598898		E. State Transporter's ID
				F. Transporter's Phone		G. State Facility's ID
				H. Facility's Phone 435-884-0155		
GENERATOR	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.
	a.	<input checked="" type="checkbox"/> HAZARDOUS WASTE, SOLID, H.O.S., 9, NA3077, III, (MERCURY)	No. Type			
	b.	<input checked="" type="checkbox"/> HAZARDOUS WASTE, SOLID, H.O.S. (MERCURY), 9, NA3077, III	1 DN	227	t	D009
	c.					
	d.					
J. Additional Descriptions for Materials Listed Above 11a. 88065800 11b. 88065900 88066000 89509100 89609100				K. Handling Codes for Wastes Listed Above		
3117-01-0001 M08305						
15. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 11a. ERGO: 171 11b. ERGO: 171						
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 T.J. Sloan			Signature FOR US DOE <i>T.J. Sloan</i>		Month Day Year 02/08/05	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					
	Printed/Typed Name Larry Bretchie			Signature <i>Larry Bretchie</i>		Month Day Year 02/08/05
	18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
FACILITY	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
	Printed/Typed Name Ryan Fotheringham			Signature <i>Ryan Fotheringham</i>		Month Day Year 02/10/05



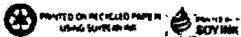
FORM 540 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Envirocare of Utah, Inc. 5 SHIPPER - NAME AND FACILITY Los Alamos National Laboratory PO Box 1663 MS-2056 Los Alamos, NM 87545		SHIPPER'S NUMBER NA <input type="checkbox"/> COLLECTOR <input type="checkbox"/> PROCESSOR <input checked="" type="checkbox"/> GENERATOR TYPE (Specify) G		7 FORM 540 AND 540A PAGE 1 OF 1 PAGE(S) FORM 541 AND 541A 1 PAGE(S) FORM 542 AND 542A None PAGE(S) ADDITIONAL INFORMATION None PAGE(S)		8 MANIFEST NUMBER (Use the number on all continuation pages) 3117-01-001 06083 Env Hg/yr									
1 EMERGENCY TELEPHONE NUMBER (include Area Code) (505)867-6211		Utah Generator Site Access Permit No 0218-001-702		SHIPMENT NUMBER 86083		9 CONSIGNEE - Name and Facility Envirocare of Utah, Inc. Clive Disposal Site (Treatment Facility) Interstate 80, Exit 49 Clive, UT 84029 M08305		CONTACT Shipping and Receiving TELEPHONE (include Area Code) (435)884-0155									
ORGANIZATION EBRR		CONTACT Chris Day		6 CARRIER - Name and Address Wilson Transportation Services, Inc. 1160 Bear Creek Road Oak Ridge, TN 37838		EPA ID NUMBER YMD6778288		SIGNATURE - Authorized consignee acknowledging waste receipt <i>[Signature]</i> DATE 02/06/05									
2 IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 5		CONTACT Karen Kirby		SHIPPING DATE 02/06/2005		TELEPHONE (include Area Code) (866)283-9933									
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		EPA MANIFEST NUMBER 06083		SIGNATURE - Authorized carrier acknowledging waste receipt <i>[Signature]</i> DATE 02-08-05		AUTHORIZED SIGNATURE <i>[Signature]</i> TITLE TSM DATE 2-8-05		This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.									
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (including proper shipping name, hazard class, UN ID number, and any additional information)		12 DOT LABEL "RADIOACTIVE"		13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIOCLIDES		16. TOTAL PACKAGE ACTIVITY MBq mCi		17. LBS/SCO CLASS		18. TOTAL WEIGHT OR VOLUME (Use appropriate units)		19. IDENTIFICATION NUMBER OF PACKAGE	
Hazardous Waste, Solid, N.O.S., 9, NA3077, PGI (Mercury)		NA		NA		Solid / OXIDE		H-3		4.0700E-01 1.1000E-02		NA		865.1062 LBS; 11.3601 FT3		88068900	
Hazardous Waste, Solid, N.O.S., 9, NA3077, PGI (Mercury)		NA		NA		Solid / OXIDE		H-3		4.0700E-01 1.1000E-02		NA		408.0767 LBS; 7.3507 FT3		88065900	
Hazardous Waste, Solid, N.O.S., 9, NA3077, PGI (Mercury)		NA		NA		Solid / OXIDE		H-3		4.0700E-01 1.1000E-02		NA		401.0754 LBS; 7.3507 FT3		88066000	
Hazardous Waste, Solid, N.O.S., 8, NA3077, PGI (Mercury)		NA		NA		Solid / OXIDE		H-3		4.4400E-01 1.2000E-02		NA		369.0694 LBS; 7.3507 FT3		89609400	
Hazardous Waste, Solid, N.O.S., 9, NA3077, PGI (Mercury)		NA		NA		Solid / OXIDE		H-3		3.7000E-01 1.0000E-02		NA		448.0637 LBS; 7.3507 FT3		89609500	
FOR CONSIGNEE USE ONLY <input type="checkbox"/> Record Waste Description Inadequate <input type="checkbox"/> Contamination or Leakage Detected <input type="checkbox"/> Unexpected Exposure Rates Detected <input type="checkbox"/> Labels, Markings, etc. Inadequate <input type="checkbox"/> Container Integrity Inadequate <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Violations Detected on this Shipment		20. TERMS AND CONDITIONS A. HAZARDOUS MATERIALS: Generator represents and warrants that Waste Material is (or is not) a hazardous waste as defined in 40 CFR 261. Where the material is a hazardous waste, this shipment is also accompanied by a separate and completed hazardous waste manifest, along with appropriate land-disposal restriction notice and/or certification as required by 40 CFR 266.1. B. TITLE: Upon acceptance at the disposal site by Envirocare of Utah, Inc., and all appropriate regulatory authorities, title to the Waste Material which conforms to Generator's representations herein shall thereupon transfer from Generator and be vested in Envirocare of Utah, Inc. C. WASTE MATERIAL: Generator represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and Envirocare of Utah, Inc.'s facility license. D. INDEMNIFICATION: Generator agrees to indemnify Envirocare of Utah, Inc., its officers, employees and agents against all losses and liability whatsoever if such losses or liability results from the failure of the Waste Material to conform in all material respects to the data supplied on the (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST), or if this shipment fails to meet the standards prescribed by the Department of Transportation or any governmental authority having jurisdiction over such matters.															

FORM 541 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION Additional Nuclear Regulatory Commission (NRC) Requirements for Control, Transfer and Disposal of Radioactive Waste	Envirocare of Utah, Inc.		1. MANIFEST TOTALS					2. MANIFEST NUMBER 317-01-002 08093 Env Hg/yr		
	NUMBER OF PACKAGES/DISPOSAL CONTAINERS 8	NET WASTE VOLUME m3 1.0410 R3 38.7575	NET WASTE WEIGHT kg 871.0612 ton 0.9600	SPECIAL NUCLEAR MATERIAL (grams)				Total NP		
				U-233	U-235	Pu				
				ACTIVITY					SOURCE (kg) NA	
	ALL NUCLIDES		TRITIUM	C-14	Tc-99	I-129				
MBq		2.0350E+00	2.0350E+00	NP	NP	NP	(kg)	NA	SHIPMENT ID NUMBER NA	
mCi		5.5000E-02	5.5000E-02	NP	NP	NP	(tons)	NA		

3. CONTAINER IDENTIFICATION NUMBER/GENERATOR ID NUMBER(S)	4. CONTAINER DESCRIPTION (See Note 1 & Note 1A)	5. VOLUME (m3) (R3)	6. WASTE AND CONTAINER WEIGHT (kg) (ton)	7. SURFACE RADIATION LEVEL (mSv/hr) (mrem/hr)	10. SURFACE CONTAMINATION (MBq/100 cm2) (dpm/100cm2)		11. WASTE DESCRIPTOR (See Note 2 & Note 2A)	12. APPROXIMATE WASTE VOLUME(S) IN CONTAINER (m3) (FT3)	13. SOLIDIFICATION OR STABILIZATION MEDIA (See Note 3)	14. CHEMICAL DESCRIPTION CHEMICAL FORM/ CHELATING AGENT	15. RADIOLOGICAL DESCRIPTION % CHELATING AGENT IF > 0.1%	16. WASTE CLASSIFICATION				
					ALPHA	BETA-GAMMA						INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT				
												RADIONUCLIDES				
8808800/WM0890010618	4	8.3217	284.3378	<2.0000E-03	<3.3400E-07	<1.6700E-06	28-HJ	8.3282	99-100	OXIDE/NP	NP	H-3	4.8600E+01	4.0700E-01	1.1000E-02	AU
		11.3801	8.2228	<2.0000E-01	<2.0000E+01	<1.0000E+02						Subtotal	4.0700E-01	1.1000E-02	Total	
8808800/WM0890010618	4	8.2081	186.1008	<2.0000E-03	<3.3400E-07	<1.6700E-06	28-HJ	8.2082	99-100	OXIDE/NP	NP	H-3	6.92870E+01	4.0700E-01	1.1000E-02	AU
		7.3807	8.2040	<2.0000E-01	<2.0000E+01	<1.0000E+02						Subtotal	4.0700E-01	1.1000E-02	Total	
8808800/WM0890010618	4	8.2081	181.9248	<2.0000E-03	<3.3400E-07	<1.6700E-06	28-HJ	8.2082	99-100	OXIDE/NP	NP	H-3	6.92870E+01	4.0700E-01	1.1000E-02	AU
		7.3807	8.2006	<2.0000E-01	<2.0000E+01	<1.0000E+02						Subtotal	4.0700E-01	1.1000E-02	Total	
8808800/WM0890010618	4	8.2081	187.4671	<2.0000E-03	<3.3400E-07	<1.6700E-06	28-HJ	8.2082	99-100	OXIDE/NP	NP	H-3	8.26720E+01	4.4400E-01	1.2000E-02	AU
		7.3807	8.1848	<2.0000E-01	<2.0000E+01	<1.0000E+02						Subtotal	4.4400E-01	1.2000E-02	Total	
8808800/WM0890010618	4	8.2081	291.8968	<2.0000E-03	<3.3400E-07	<1.6700E-06	28-HJ	8.2082	99-100	OXIDE/NP	NP	H-3	5.51146E+01	3.7000E-01	1.0000E-02	AU
		7.3807	8.2225	<2.0000E-01	<2.0000E+01	<1.0000E+02						Subtotal	3.7000E-01	1.0000E-02	Total	
Shipment Totals		1.1541	892.8488										2.0350E+00	5.5000E-02		
		48.7528	1.0941													

Note 1: Container Description Codes. For containers/waste requiring disposal in approved structural overpacks the numerical code must be followed by "-OP." 1. Wooden Box or Crate 2. Metal Box 3. Plastic Drum or Pail 4. Metal Drum or Pail 5. Metal Tank or Liner 6. Concrete Tank or Liner 7. Polyethylene Tank or Liner 8. Fiberglass Tank or Liner 9. Demineralizer 10. Gas Cylinder 11. Bulk, Unpackaged Waste 12. Unpackaged Components 13. High Integrity Container 19. Describe in Item 6, or additional page	Note 1A: Bulk Packaging Description Codes. (Choose one code as may be applicable.) A Gonads B Intermodal C End-Dump D Roll-off E Seavan	Note 2: Waste Descriptor Codes. (Choose up to three which predominate by volume.) 20 Charcoal 21 Incinerator Ash 22 Soil 23 Gas 24 Oil 25 Aqueous Liquid 26 Filter Media 27 Mechanical Filter 28 EPA or State Hazardous 29 Demolition Rubble 30 Carbon Ion-exchange Media 31 Anion Ion-exchange Media 32 Mixed Bed Ion-exchange Media 33 Contaminated Equipment 34 Organic Liquid (except oil) 35 Gasoline or Lubricants 36 Sealed Source/Device 37 Part or Plating 38 Evaporator Bottoms/Sludges/Concentrates 39 Compactible Trash 40 Noncompactible Trash 41 Animal Carcass 42 Biological Material (except animal carcass) 43 Activated Material 50. Other Describe in Item 11, or additional page	Note 2A: Specific Waste Descriptions (Choose all applicable codes.) G Dewaxed H Solid I Combustible J Non-combustible K Air Filtration Filters L Asbestos	Note 3: Solidification and Stabilization Media Codes. (Choose up to three which predominate by volume.) For media meeting disposal site structural stability requirements, the numerical code must be followed by "-S," and the media vendor and brand name must also be identified. In Item 13, Code 100=NONE REQUIRED. 90. Cement 91. Concrete 92. Bitumen 93. Vinyl Chloride 94. Vinyl Ester Styrene 96. Other, Describe in Item 13, or additional page 100. None Required.
--	---	--	--	---

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No NM080004 Q 5 1 5	Manifest Document No. 05095	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 LAB, for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J535, Los Alamos, NM 87545				A. State Manifest Document Number				
4. Generator's Phone (505) 665-6158				B. State Generator's ID				
5. Transporter 1 Company Name HITKAN TRANSPORTATION SERVICES, INC.		6. USEPA ID Number TND987783065		C. State Transporter's ID				
7. Transporter 2 Company Name		8. USEPA ID Number		D. Transporter's Phone 800-233-9933				
9. Designated Facility Name and Site Address Envirocare of Utah, Inc. Interstate 80, Exit 49 Clive, UT 84029				E. State Transporter's ID				
10. US EPA ID Number UTD982598898				F. Transporter's Phone				
				G. State Facility's ID				
				H. Facility's Phone 435-884-0155				
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.	
a. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AN241 PU238 PU239 U238, 4.01e-06 TBq, YI . . ., Radioactive Yellow II				2	DN	355	k	D006 D008
b. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AN241 PU238 PU239 U238, 4.36e-06 TBq, YI . . ., Radioactive Yellow II				1	DN	191	k	D006 D008
c. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AN241 PU238 PU239 U238, 4.19e-06 TBq, FISSILE EXCEPTED, YI 0.1, Radioactive Yellow II				1	DN	270	k	D006 D008
d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AN241 PU238 PU239 U238, 1.02e-05 TBq, Radioactive White I				1	DN	200	k	D008
J. Additional Descriptions for Materials Listed Above 11a. C04174596 C04174598 11b. C04174599 11c. C04174830 11d. C04174328 9006-01-0010 M08306 R.F. 01/05				K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 162 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162 HMTPB: 05012002								
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 reduce my waste generation and select the best waste management method that is available to me and that I can afford.								
Printed/Typed Name T.J. Sigan				Signature T.J. Sigan		Month Day Year 02/08/05		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Larry Beethin				Signature Larry Beethin		Month Day Year 02/08/05		
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 Casper F. Hougham								
Signature Casper F. Hougham				Month Day Year 02/10/05				



OPTIONAL FORM NO. 10

Please print or type. (Form designed for use on site (18 inch) typewriter)

Form Approved, OMB No. 2020-0036

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05108	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
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3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS J599, Los Alamos, NM 87545	A. State Manifest Document Number
4. Generator's Phone (505) 645-6134	B. State Generator's ID
5. Transporter 1 Company Name FLUID TRANSPORTS INC	C. Site/Transporter's ID
6. US EPA ID Number TXD988057931	D. Transporter's Phone 100-123-1868
7. Transporter 2 Company Name	E. Site/Transporter's ID
	F. Transporter's Phone
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 98, SUITE 102B OAK RIDGE, TN 37830	G. State Facility's ID
10. US EPA ID Number TNR000005397	H. Facility's Phone 615-425-1225

11. US DOT Description (including Proper Shipping Name, Hazard Class and ID Number)	12. Container		13. Total Quantity	14. Unit Wt/Vol	15. Waste No.
	No.	Type			
a. WASTE AEROSOLS, 2.1, UN1950, LIMITED QUANTITY, LIMITED QUANTITY <i>2/14/05</i>	1	DR	34	L	0001
b. WASTE AEROSOLS, 2.1, UN1950, LIMITED QUANTITY	1	DR	5	L	0002
c. WASTE AEROSOLS, 2.2, UN1950, LIMITED QUANTITY, LIMITED QUANTITY <i>2/16/05</i>	2	DR	3	L	0003
d. WASTE AEROSOLS, 2.2, UN1950, LIMITED QUANTITY	1	DR	1	L	0004

16. Additional Descriptions for Materials Listed Above 128. C15203455, 112. C15100135, 136. C15057128, C15100092, 134. 91003490	K. Handling Codes for Wastes Listed Above T/P 5/0 059
---	---

16. Special Handling Instructions and Additional Information:
 "EMERGENCY PHONE NO: (505) 647-6211"
 114. BEGNO: 126 115. BEGNO: 126 11c. BEGNO: 126 11d. BEGNO: 126
 HNTFI: 0102-2 601

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 sent 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 <i>[Signature]</i>	Month Day Year 02/14/05
---	---------------------------------	-----------------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Charles L. Dixon	Signature <i>[Signature]</i>	Month Day Year 02/12/05
--	---------------------------------	-----------------------------------

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

18. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 18. Printed/Typed Name Kimberly Hurd	Signature <i>[Signature]</i>	Month Day Year 02/15/05
---	---------------------------------	-----------------------------------

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

Form Approved OMB No. 2080-0030

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05108	22. Page 2	Information in the shaded areas is not required by Federal law.
	23. Generator's Name V of CA LABS for US DOE OR Alamos National Laboratory P.O. Box 1663, AI 9515, Los Alamos, NM 87545			
24. Transporter Company Name FLUID TRANSPORTS INC	25. US EPA ID Number TXD558057991		M. Generator's ID	N. State Waste Manifest ID
26. Transporter Company Name	27. US EPA ID Number		O. State Waste Manifest ID	P. State Waste Manifest ID
			Q. Transporter's Name	

a.	b.	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers		30. Total Quantity	31. Unit Weight	32. Waste No.
			No.	Type			
		WASTE AEROSOLS, 2.2, UN1950, Limited Quantity	3	DT	3	1	0721 0145
		WASTE AEROSOLS, 2.2, UN1950, Limited Quantity	1	DR	12	1	0001
		WASTE FLAMMABLE LIQUID, 2.0, (ALCOHOL), 1820/0500 LITERS, 1, UN1991, III	1	DR	1	1	0721 0145
		WASTE AEROSOLS, 2.2, UN1950 02/18/15					



32. Special Handling Instructions and Additional Information:
 EMERGENCY PHONE NO: (505) 667-6211
 28a. ERGNO: 128 28b. ERGNO: 128 28c. ERGNO: 27

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

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.9 (B) AND 3.2 (K)
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

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

3/17/05

Date Signed





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

Date: May 3, 2005
Refer To: SWRC:05-028

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 3.1.8 (B) and 3.1.9 (B) IN THE COMPLIANCE PLAN VOLUME
(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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.8 (B) and 3.1.9 (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), *"provide 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 3.1.8 and 3.1.9 of the CPV was initiated on March 24, 2005, and completed on March 25, 2005. The waste was sent to Clean Harbors in La Porte, Texas. A second shipment that included STP covered waste listed in Section 3.1.9 of the CPV was initiated on March 25, 2005, and completed on March 30, 2005. The waste was sent to Onyx Environmental Services in Henderson, Colorado. 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)
3.1.8	LA-W917	Compressed Gases	05152	0.1374
		Requiring Scrubbing	05154	0.1561
3.1.9	LA-W918	Compressed Gases	05152	0.1170
		Requiring Oxidation	05154	0.3822
Total STP Volume Shipped				0.7927

Ms. Lee Winn
SWRC:05-028

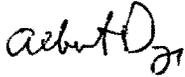
2

May 3, 2005

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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



Ms. Lee Winn
SWRC:05-028

3

May 3, 2005

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150



Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: May 2, 2005

Subject: Notice of Completion To: Lee Winn	Document Identification SWRC:05-028 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---	--

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger				
3.	K490	Tony Grieggs Group Leader	<i>Tony Grieggs</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>5/2/05</i>
4.	J591	Ken M. Hargis ENV Division Leader	<i>Ken M. Hargis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>5/3/05</i>
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval

TEXAS NATURAL RESOURCE
CONSERVATION COMMISSION

P.O. Box 13087

Austin, Texas 78711-3087



lb# C9940353

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

Form approved. OMB No. 2050-0039.

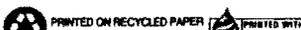
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05152	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545 505 665-6158				A. State Manifest Document Number 02129527		
4. Generator's Phone () 312345 067138891				B. State Generator's ID 99935		
5. Transporter 1 Company Name Clean Harbors Laporte, LP				C. State Transporter's ID 40067		
6. US EPA ID Number UTD98157				D. Transporter's Phone 505 428-1448		
7. Transporter 2 Company Name				E. State Transporter's ID		
8. US EPA ID Number				F. Transporter's Phone		
9. Designated Facility Name and Site Address Clean Harbors Laporte, LP 500 Battle Ground Road Laporte, TX 77571				G. State Facility's ID 50025		
10. US EPA ID Number TXD982290140				H. Facility's Phone 281-476-0645		
11A. HM	11. US DOT Description (including Proper Shipping Name, Hazard Class, ID Number and Packing Group)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
	a. WASTE ARSINE, 2.3, UN2188, POISON-INHALATION HAZARD ZONE A	1	CT	14	k	0001 OUTS 701 H
	b. WASTE COMPRESSED GAS, TOXIC, FLAMMABLE, CORROSIVE, N.O.S., 2.3, UN3305, (HYDROGEN, FLUORINE, HYDROGEN CHLORIDE), POISON-INHALATION HAZARD ZONE A	1	CT	88	k	0001 0002 OUTS 701 H
	c. WASTE COMPRESSED GAS, TOXIC, FLAMMABLE, N.O.S., 2.3, UN1953, (PENTABORANE, HYDROGEN), POISON INHALATION HAZARD ZONE A	1	CT	2	k	0001 0003 OUTS 801 H
	d. WASTE COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S., 2.3, UN3306, (FLUORINE, AIR), POISON-INHALATION HAZARD ZONE A	1	CT	36	k	0056 0001 OUTS 701 H
J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above				
11a. C9301177 LCV10 1XCVSM		FS		H44		
11b. 907505 LCV10 1XCVSM		OFFC				
11c. C94042381 LCV12 1XCVLE						
11d. 91001837 LCV12 1XCVLE						
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 119 11b. ERGNO: 119 11c. ERGNO: 119 11d. ERGNO: 124						
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, packaged, marked, and labelled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state 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 <i>Paul N. Newberry</i>		Month Day Year 03 24 05		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name FRANK Henderson		Signature <i>Frank Henderson</i>		Month Day Year 03 24 05		
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 Sylvia Oresny		Signature <i>Sylvia Oresny</i>		Month Day Year 03 25 05		

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05152		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 02129527					
24. Transporter 1 Company Name CLEAN HARBORS ALABAMA, LLC <i>ENVIRONMENTAL SERVICES</i>						25. US EPA ID Number HTD98157 <i>MAD037322250</i>		M. State Generator's ID 99935					
26. Transporter Company Name						27. US EPA ID Number		N. State Transporter's ID					
								O. Transporter's Phone 281-849-1800					
								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.		x WASTE COMPRESSED GAS, TOXIC, OXIDIZING, CORROSIVE, N.O.S., 2.3, UN3306, (NITROUS OXIDE, NITROGEN DIOXIDE), POISON-INHALATION HAZARD ZONE A				1		CY		9		k P078 D001 <i>DUTS 701H</i>	
b.		x WASTE COMPRESSED GASES, TOXIC, OXIDIZING, CORROSIVE, N.O.S., 2.3, UN3306, (CHLORINE, FLUORINE), POISON-INHALATION HAZARD ZONE A				1		CY		45		k P056 D001 <i>DUTS 701H</i>	
c.													
d.													
e.													
f.													
g.													
h.													
i.													
S. Additional Descriptions for Materials Listed Above 28a. 903173 <i>LCY7 1 x CY5M</i> 28b. 91001836 <i>LCY10 1 x CY16</i>						T. Handling Codes for Wastes Listed Above							
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 124 28b. ERGNO: 124													
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													

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR

LAND DISPOSAL RESTRICTIONS
NOTIFICATION FORM

22-Mar-2005 07:39 AM

page 1 of 1

Generator Name U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545	Uniform Hazardous waste Manifest No. 05152
--	--

1 - 11a. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
D001 Arsine
UHCs (if applicable): N/A

1 - 11b. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
D001
D002
UHCs (if applicable): N/A

1 - 11c. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
D001
D003
UHCs (if applicable): N/A

1 - 11d. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
P056
D001
UHCs (if applicable): N/A

2 - 28a. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
P078
D001
UHCs (if applicable): N/A

2 - 28b. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42[c])*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
P056
D001
UHCs (if applicable): N/A

* I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under Appendix IV to 40 CFR Part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR §268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.


Authorized Signature

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05154	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) 665-6158				A. State Manifest Document Number		
5. Transporter 1 Company Name ONYX ENVIRONMENTAL SERVICES, LLC				6. US EPA ID Number NJDO80631369		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 ONYX ENVIRONMENTAL SERVICES, L.L.C. 9131 EAST 96TH AVENUE HENDERSON, CO 80640				10. US EPA ID Number COD980591184		D. Transporter's Phone 800-688-4005
				E. State Transporter's ID		F. Transporter's Phone
				G. State Facility's ID		H. Facility's Phone 303-289-4827
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
				No.	Type	Waste No.
a. <input checked="" type="checkbox"/> WASTE ACETYLENE, DISSOLVED, 2.1, UN1001				1	CY	10 k 0001
b. <input checked="" type="checkbox"/> WASTE COMPRESSED GAS, FLAMMABLE, N.O.S., 2.1, UN1954, (PROPANE, CARBON DIOXIDE)				1	CY	10 k 0001
c. <input checked="" type="checkbox"/> WASTE COMPRESSED GAS, FLAMMABLE, N.O.S., 2.1, UN1954, (DEUTERATED METHANE)				1	CY	9 k 0001
d. <input checked="" type="checkbox"/> WASTE COMPRESSED GASES, FLAMMABLE, N.O.S., 2.1, UN1954, (CHLOROTRIFLUOROETHYLENE, ARGON)				1	CY	7 k 0001
J. Additional Descriptions for Materials Listed Above 11a. 907797 - *592632 11b. 909927 - 11c. 909373 - 11d. 908265 -				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 116 11b. ERGNO: 115 11c. ERGNO: 115 11d. ERGNO: 115 HMTF#: 05032202						
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 W. Newberry				Signature <i>[Signature]</i>		Month Day Year 10/3/25/15
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Rick Phillips				Signature <i>[Signature]</i>		Month Day Year 10/3/25/15
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 Lon R. Link				Signature <i>[Signature]</i>		Month Day Year 10/3/25/15

* Make Page 1 of 3-24-05

GENERATOR

TRANSPORTER

FACILITY



UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05154	22. Page 2 4	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			
24. Transporter Company Name ONYX ENVIRONMENTAL SERVICES, LLC		25. US EPA ID Number NID080631369		M. State Generator's ID			
26. Transporter Company Name		27. US EPA ID Number		N. State Transporter's ID			
				O. Transporter's Phone 800-688-4005			
				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				
HM	a. <input checked="" type="checkbox"/> X	WASTE ETHYLENE, 2.1, UN1962	1	CY	10	k	D001
	b. <input checked="" type="checkbox"/> X	WASTE HYDROGEN, COMPRESSED, 2.1, UN1049	2	CY	9	k	D001
	c. <input checked="" type="checkbox"/> X	WASTE HYDROGEN, COMPRESSED, 2.1, UN1049	1	CY	3	k	D001
	d. <input checked="" type="checkbox"/> X	WASTE METHANE, COMPRESSED, 2.1, UN1971	2	CY	9	k	D001
	e. <input checked="" type="checkbox"/> X	WASTE PROPANE, 2.1, UN1978	3	CY	1	k	D001
	f. <input checked="" type="checkbox"/> X	WASTE PROPANE, 2.1, UN1978	2	CY	71	k	D001
	g. <input checked="" type="checkbox"/> X	WASTE PROPYLENE, 2.1, UN1077	1	CY	36	k	D001
	h. <input checked="" type="checkbox"/> X	WASTE COMPRESSED GAS, OXIDIZING, N.O.S., 2.2, UN3156, (OXYGEN, ARGON)	1	CY	56	k	D001
	i. <input checked="" type="checkbox"/> X	WASTE DICHLORODIFLUOROMETHANE, 2.2, UN1028	1	CY	39	k	U075
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above			
28a. 909926		*592632		28f. C94042519 C94042521			
28b. C94042522 C94042523		↓		28g. 90000077 *592632			
28c. C93034682		↓		28h. C94042516 *592632			
28d. 903170 C98100437		↓		28i. 909372			
28e. C02153219 C05177605 C92026375		↓					
32. Special Handling Instructions and Additional Information							
EMERGENCY PHONE NO: (505) 667-6211							
28a. ERGNO: 116P 28b. ERGNO: 115 28c. ERGNO: 115 28d. ERGNO: 115 28e. ERGNO: 115 28f. ERGNO: 115							
28g. ERGNO: 115 28h. ERGNO: 122 28i. ERGNO: 126							
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							

GENERATOR

TRANSPORTER

RECEIVER

* Mike Kope/mt 5-24-05



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05154	22. Page 3 4	Information in the shaded areas is not required by Federal law.	
23. Generator's Name U of CA LANL for US DOR Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number		
24. Transporter Company Name ONYX ENVIRONMENTAL SERVICES, LLC				M. State Generator's ID		
25. US EPA ID Number NID080631369				N. State Transporter's ID		
26. Transporter Company Name				O. Transporter's Phone 800-688-4005		
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.	
a. WASTE OXYGEN, COMPRESSED, 2.2, UN1072		No. 1 Type CY	1	k	D001	
b. COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (CHLORINE, ARGON), POISON - INHALATION HAZARD, ZONE B		1 CY	10	k		
c. COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (CHLORINE, CARBON DIOXIDE), POISON - INHALATION HAZARD, ZONE B		1 CY	7	k		
d. COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (CHLORINE, CARBON DIOXIDE), POISON-INHALATION HAZARD ZONE B		1 CY	27	k		
e. COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (CHLORINE, HYDROGEN CHLORIDE), POISON - INHALATION HAZARD, ZONE B		2 CY	7	k		
f. COMPRESSED GASES, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (HYDROGEN, CHLORIDE, CHLORINE), POISON - INHALATION HAZARD, ZONE B		1 CY	36	k		
g. SULFUR DIOXIDE, LIQUEFIED, 2.3, UN1079, POISON INHALATION HAZARD ZONE C		1 CY	5	k		
h. WASTE COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3304, (CHLORINE, HYDROGEN CHLORIDE), POISON - INHALATION HAZARD, ZONE B		1 CY	23	k		
i. WASTE COMPRESSED GAS, TOXIC, CORROSIVE, N.O.S., 2.3, UN3394, (CHLORINE, HYDROGEN, CHLORIDE), POISON - INHALATION HAZARD, ZONE B		1 CY	23	k		
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above			
28a. C98100431 - *592632			28f. 91001027 - *592632			
28b. 908021			28g. 91007573			
28c. 91001393			28h. 91001449			
28d. 908035			28i. 91001448			
28e. 91001392 91001395						
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211						
28a. ERGNO: 122 28b. ERGNO: 123 28c. ERGNO: 123 28d. ERGNO: 123 28e. ERGNO: 123 28f. ERGNO: 123						
28g. ERGNO: 125 28h. ERGNO: 123 28i. ERGNO: 123						
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						

GENERATOR

TRANS

PORTER

FILL

* * * Max Starobin MA 3-29-05

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05154	22. Page 4	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 1595, Los Alamos, NM 87545				L. State Manifest Document Number		
24. Transporter Company Name ONYX ENVIRONMENTAL SERVICES, LLC				M. State Generator's ID		
25. US EPA ID Number NJD080631369				N. State Transporter's ID		
26. Transporter Company Name				O. Transporter's Phone 800-688-4005		
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.
a. WASTE COMPRESSED GAS, TOXIC, N.O.S., 2.3, UN1955, (METHYL BROMIDE, AIR), POISON INHALATION HAZARD ZONE C		No. Type 1 CY		2	k	U029
b. WASTE WASTE HYDROGEN CHLORIDE, ANHYDROUS, 2.3, UN1050, POISON INHALATION HAZARD ZONE C		1 CY		55	k	U007
c. WASTE HYDROGEN SULFIDE, 2.3, UN1053, POISON-INHALATION HAZARD ZONE B		1 CY		4	k	U135 D001 D003
d. WASTE METHYL BROMIDE, 2.3, UN1062, POISON INHALATION HAZARD ZONE C		1 CY		1	k	U029 D001
e.						
f.						
g.						
h.						
i.						
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above		
28a. 90248700 - *592632 28b. 907437 - 28c. C92032654 - 28d. 91001477 -						
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 123 28b. ERGNO: 125 28c. ERGNO: 117 28d. ERGNO: 123						
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						

GENERATOR

*NAK Sharahar/MA 3-29-05



ORIGINAL-RETURN TO GENERATOR



LAND DISPOSAL NOTIFICATION AND CERTIFICATION FORM PHASE IV

Generator Name: DOE / LANL EPA ID # NMO 890020515 State Manifest No. 05154

If waste is a wastewater (see 40 CFR 268.2) place "w" next to the applicable code(s)

CODES WITH SUBCATEGORIES (place appropriate letter from section 9 before each code that applies) (See 40 CFR 268 for details)

- D001 Hi-TOC, D001 Except Hi-TOC, D003 Reactive Cyanide, D003 Reactive Sulfide, D003 Explosive, D003 Water Reactives, D003 Unexp Ord, Emg, D003 Other Reactives, D006 Batteries, D008 Lead acid batteries, D009 Organic Hg > 260ppm, D009 Inorg. Hg > 260, D009 Hg < 260, F025 Light ends, F025 Spent filter, K006 Hydrated, K006 Anhydrous, K069 Calcium Sulfate, K069 Not Calcium Sulfate, K071 Amerc Res., K071 Not Amerc Res., K106 Lo Amerc Res., K106 Not Amerc Res., K106 > 260 ppm Hg, P047 Salts, P047 Nonsalts, P065 Lo Inc. Res., P065 Lo RMERC Res., P065 Not Inc./RMERC Res., P065 Hi Inc./RMERC Res., P092 Lo Inc. Res., P092 Lo RMERC Res., P092 Not Inc./RMERC Res., P092 Hi Inc./RMERC Res., U151 Lo RMERC Res., U151 Hi Hg, U240 2, 4 D, U240 2, 4 esters & Salts, U151 Lo Not RMERC Res.

The subcategory for D018-D043 waste is "treated in nonGWA/nonSDWA facility" unless the following box is checked: [] "treated in CWA/SDWA facility"

COMMON CODES (Place appropriate letter from section 9 before each code that applies)

- D002, D004, D020, D036, U007, P012, D005, D021, D037, U044, P030, D006, D022, D038, U061, P051, D007, D023, D039, U072, P098, D008, D024, U080, P105, D009, D025, U108, P205, D010, D026, U117, F006, D011, D027, U122, F007, D012, D028, U123, F008, D013, D029, U136, F009, D014, D030, U154, F010, D015, D031, U188, F011, D016, D032, U213, F012, D017, D033, U002, F019, D018, D034, U003, U226, F021, D021, D027, U007, U22, K

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste)

A U135 A U075 A U029

Table with 3 columns: 1. USEPA HAZARDOUS WASTE CODE(S), 5. TREATMENT STANDARDS FOR NON-PHASE II STATES, 6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW

Identify F039, or UHCs managed in non-CWA, use the "F039/Underlying Hazardous Constituents Form" provided (CWM-2004) and check here: [] UHCs are present upon generation check here: [] Check here if disposal facility will check for all UHCs [] (i.e. no UHC form required) [] In lieu of supplemental sheet you may use multiple copies of this form.

SOLVENT CONSTITUENTS (F001 - F005) Check here if disposal facility will check for all spent solvents

- Acetone, Carbon Tetrachloride, Cyclohexanone, Ethyl benzene, Methylene chloride, 2-Nitropropane, 1,1,1 Trichloroethane, Trichloromonofluoromethane, Benzene, Chlorobenzene, o-Dichlorobenzene, Ethyl ether, Methyl ethyl ketone, Pyridine, 1, 1, 2-Trichloroethane, Xylenes, n-Butyl alcohol, O-Cresol, 2-Ethoxyethanol, Isobutanol, Methyl isobutyl ketone, Tetrachloroethylene, 1, 1, 2-Trichloro, 1, 2, 2-trifluoroethane, Carbon disulfide, Cresois (m&p), Ethyl acetate, Methanol, Nitrobenzene, Toluene, Trichloroethylene

(States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)

RESTRICTED WASTE REQUIRES TREATMENT

This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40. For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

(CERTIFICATION REMOVED BY PHASE IV)

GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS

"I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Based on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

RESTRICTED WASTE SUBJECT TO A VARIANCE

This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above. For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT

"I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS

This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Handwritten signature and initials W.S.M.

Date 3/22/05



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

Date: May 3, 2005
 Refer To: SWRC:05-029

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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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), *“provide 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 Section 3.2 of the CPV was initiated on March 28, 2005, and completed on March 30, 2005. The waste was sent to M&EC in Oak Ridge, TN. A second shipment that included STP covered waste listed in Section 3.2 of the CPV was initiated on March 28, 2005, and completed on April 1, 2005. The waste was sent to PermaFix in Florida. 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)
3.2	LA-W934	High Activity waste	05150	0.0530
			05135	0.0065
Total STP Volume Shipped				0.0595

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



Ms. Lee Winn
SWRC:05-029

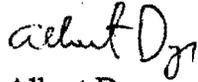
-2-

May 3, 2005

accordance with the requirements of Section XX, "*Documents, Information, and Reporting Requirements*," of the FFCO.

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

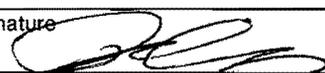
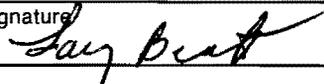
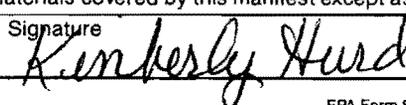
Author: Albert Dye, SWRC-MS K490

Document Date: May 2, 2005

Subject: Requested Information To: Lee Winn	Document Identification SWRC:05-029 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
--	--

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>		
		Scan Yes <input type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger				
3.	K490	Tony Grieggs Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>		<i>5/2/05</i>
4.	J591	Ken M. Hargis ENV Division Leader	<i>Kenneth M. Hargis</i>	<input checked="" type="checkbox"/>		<i>5/3/05</i>
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05150		2. Page 1 of 1		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		E. State Transporter's ID							
7. Transporter 2 Company Name		8. US EPA ID Number		F. Transporter's Phone		G. State Facility's ID		H. Facility'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						865-574-0149							
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. <input checked="" type="checkbox"/> WASTE CORROSIVE, LIQUID, N.O.S., 8, UN1760, II		1		DM		23		k		D002 D009 P502035					
b. <input checked="" type="checkbox"/> HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (MERCURY)		1		DM		14		k		D009 P502036					
c.															
d.															
J. Additional Descriptions for Materials Listed Above 11a. 902419 11b. C05177606						K. Handling Codes for Wastes Listed Above									
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 154 11b. ERGNO: 171 HNTE#: 05031701															
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. Nabe						Signature 			Month Day Year 03/28/05						
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Larry Brattie						Signature 			Month Day Year 03/28/05						
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 Kimberly Hurd										Signature 			Month Day Year 03/30/05		

ORIGINAL-RETURN TO GENERATOR



Generator Name: DOE / LANL EPA ID # NMO 890010515 State Manifest No. 05150

1. If waste is a wastewater (see 40 CFR 268.2) place "w" next to the applicable code(s)

2. CODES WITH SUBCATEGORIES (place appropriate letter from section 9 before each code that applies) (See 40 CFR 268 for details)

- D001 Hi-TOC, D001 Except Hi-TOC, D003 Reactive Cyanide, D003 Reactive Sulfide, D003 Explosive, D003 Water Reactives, D003 Unexp Ord. Emg, D003 Other Reactives, D006 Batteries, D008 Lead acid batteries, D009 Organic Hg > 260ppm, D009 Inorg. Hg > 260, D009 Hg < 260, F025 Light ends, F025 Spent filter, K006 Hydrated, K006 Anhydrous, K069 Calcium Sulfate, K069 Not Calcium Sulfate, K071 Rmerc Res., K071 Not Rmerc Res., K106 Lo Rmerc Res., K106 Not Rmerc Res., K106 > 260 ppm Hg, P047 Salts, P047 Nonsalts, P065 Lo Inc. Res., P065 Lo RMERC Res., P065 Not Inc./RMERC Res., P065 Hi Inc./RMERC Res., P092 Lo Inc. Res., P092 Lo RMERC Res., P092 Not Inc./RMERC Res., P092 Hi Inc./RMERC Res., U151 Lo RMERC Res., U151 Not RMERC Res., U151 Hi Hg, U240 2, 4 D, U240 2, 4 esters & Salts

The subcategory for D018-D043 waste is "treated in nonCWA/nonSDWA facility" unless the following box is checked: [] "treated in CWA/SDWA facility"

3. COMMON CODES (Place appropriate letter from section 9 before each code that applies)

- A D002, D004, D020, D036, U007, P012, P005, D006, D007, D021, D022, D037, U044, P030, D006, D022, D038, U061, P051, D007, D023, D039, U072, P098, D008, D024, D040, U080, P105, A D009, D025, D041, U108, P205, D010, D026, D042, U117, F006, D011, D027, D043, U122, F007, D012, D028, U123, F008, D013, D029, U136, F009, D014, D030, F003, U154, F010, D015, D031, U188, F011, D016, D032, U213, F012, D017, D033, U220, F019, D018, D034, U003, U226, F021, D019, D037, U004, U222, F

ADDITIONAL CODES (Enter all codes not identified above which are associated with waste)

Table with 3 columns: 4. USEPA HAZARDOUS WASTE CODE(S), 5. TREATMENT STANDARDS FOR NON-PHASE II STATES (INDICATE THE APPLICABLE TREATMENT STANDARD 268.41, 268.43 OR SPECIFIED TECHNOLOGY BELOW), 6. HOW MUST THE WASTE BE MANAGED? ENTER THE LETTER FROM BELOW

Identify F039, or UHCs managed in non-CWA, use the "F039/Underlying Hazardous Constituents Form" provided (CWM-2004) and check here: [] no UHCs are present upon generation check here: [] Check here if disposal facility will check for all UHCs [] (i.e. no UHC form required) [] list additional EPA waste code(s), use the supplemental sheet and check here: [] In lieu of supplemental sheet you may use multiple copies of this form.

SOLVENT CONSTITUENTS (F001 - F005) Check here if disposal facility will check for all spent solvents

- Acetone, Carbon Tetrachloride, Cyclohexanone, Ethyl benzene, Methylene chloride, 2-Nitropropane, 1,1,1 Trichloroethane, Trichloromonofluoromethane, Benzene, Chlorobenzene, o-Dichlorobenzene, Ethyl ether, Methyl ethyl ketone, Pyridine, 1, 1, 2-Trichloroethane, Xylenes, n-Butyl alcohol, O-Cresol, 2-Ethoxyethanol, Isobutanol, Methyl isobutyl ketone, Tetrachloroethylene, 1, 1, 2-Trichloro, 1, 2, 2-trifluoroethane, Carbon disulfide, Cresols (m&p), Ethyl acetate, Methanol, Nitrobenzene, Toluene, Trichloroethylene

(States authorized by EPA to manage the LDR program may have regulatory citations different from the 40 CFR citations listed below. Where these regulatory citations differ, your certification will be deemed to refer to those state citations instead of the 40 CFR citations.)

RESTRICTED WASTE REQUIRES TREATMENT This waste must be treated to the applicable treatment standards set forth in 40 CFR Part 268.40. [] For Hazardous Debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.40."

RESTRICTED WASTE TREATMENT TO PERFORMANCE STANDARDS "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Bas on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the treatment process has been operated and maintained properly so as to comply with the treatment standards specified in 40 CFR 268.40 without impermissible dilution of the prohibited waste. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

(CERTIFICATION REMOVED BY PHASE IV)

GOOD FAITH AND ANALYTICAL CERTIFICATION - FOR INCINERATED ORGANICS "I certify under penalty of law that I have personally examined and am familiar with the treatment technology and operation of the treatment process used to support this certification. Bas on my inquiry of those individuals immediately responsible for obtaining this information, I believe that the nonwastewater organic constituents have been treated by combustion units as specified in 268.42, Table 1. I have been unable to detect the nonwastewater organic constituents, despite having used best good faith efforts to analyze for such constituents. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

DECHARACTERIZED WASTE REQUIRES TREATMENT FOR UNDERLYING HAZARDOUS CONSTITUENTS "I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment."

RESTRICTED WASTE SUBJECT TO A VARIANCE This waste is subject to a national capacity variance, a treatability variance, or a case-by-case extension. Enter the effective date of prohibition in column 5 above. [] For hazardous debris: "This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45."

RESTRICTED WASTE CAN BE LAND DISPOSED WITHOUT FURTHER TREATMENT "I certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification t the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D. I believe that the information I submitted is true, accurate and complete. I am aware that there : significant penalties for submitting a false certification, including the possibility of a fine and imprisonment."

WASTE NOT CURRENTLY SUBJECT TO PART 268 RESTRICTIONS This waste is a newly identified waste that is not currently subject to any 40 CFR Part 268 restrictions.

I hereby certify that all information in this and all associated documents is complete and accurate, to the best of my knowledge and information.

Signature: WSM

Date: 3/18/05

LAND DISPOSAL RESTRICTIONS
NOTIFICATION FORM

17-Mar-2005 08:24 AM

page 1 of 1

Generator Name U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545	Uniform Hazardous waste Manifest No. 05150
--	--

1 - 11a. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42(c))*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
D002 Corrosive Basic
D009 Mercury
UHCs (if applicable): N/A

1 - 11b. Treatability Group: NWW WW Lab Pack (Appendix IV) Lab Pack (268.42(c))*
California List: HOC Liquid PCB Liquid containing Metals
EPA Code Subcategory Constituent(s)
D009 Mercury
UHCs (if applicable): N/A

* I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes that have not been excluded under Appendix IV to 40 CFR Part 268 and that this lab pack will be sent to a combustion facility in compliance with the alternative treatment standards for lab packs at 40 CFR 268.42(c). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Authorized Signature

NRC FORM 540 (7-2001)		U.S. NUCLEAR REGULATORY COMMISSION		5. SHIPPER - NAME AND FACILITY		SHIPPER ID NUMBER		7. NRC FORM 540 AND 540A		8. MANIFEST NUMBER	
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER				Los Alamos National Laboratory PO Box 1663 MS J495 Los Alamos, NM 87545		NA		PAGE 1 OF 1 PAGE(S) NRC FORM 541 AND 541A NRC FORM 542 AND 542A ADDITIONAL INFORMATION		PAGE(S) 1 PAGE(S) None PAGE(S) None PAGE(S)	
1. EMERGENCY TELEPHONE NUMBER (505)667-5211		USER PERMIT NUMBER T-UM003-L04		SHIPMENT NUMBER 05180		<input type="checkbox"/> COLLECTOR <input type="checkbox"/> PROCESSOR <input checked="" type="checkbox"/> GENERATOR TYPE		8. CONSIGNEE - Name and Facility		CONTACT	
ORGANIZATION EMSR		CONTACT Chris Dwy		TELEPHONE NUMBER (609)667-8844		EPA ID NUMBER TND87783064		Material & Energy Corporation 2010 Highway 58, Suite 1020 Oak Ridge, TN 37830		Tammey Monday TELEPHONE (865)574-0149	
2. IS THIS AN 'EXCLUSIVE USE' SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 2		6. CARRIER - Name and Address Hixman Transportation Services, Inc. 1880 Bear Creek Road Oak Ridge, TN 37830		SHIPPING DATE 03/28/05		SIGNATURE - Authorized consignee acknowledging waste receipt <i>Kimberly Howard</i>		DATE 3-30-05	
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		EPA MANIFEST NUMBER 05151		CONTACT Karen Kirby		TELEPHONE (609)333-8533		10. CERTIFICATION This is to certify that the herein-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the applicable requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.		AUTHORIZED SIGNATURE <i>[Signature]</i>	
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL 'RADIOACTIVE'		13. TRANSPORT INDEX		14. PHYSICAL AND CHEMICAL FORM		15. INDIVIDUAL RADIONUCLIDES		16. TOTAL PACKAGE ACTIVITY (MBq)	
Waste Corrosive, Liquid, N.O.S., 8, UN1760, PGII		NA		NA		L OXIDE		U-dep		5.6500E-01	
Hazardous Waste, Solid, N.O.S., 9, NA3077, PGIII (Mercury)		NA		NA		S OXIDE		H-3		4.0700E-01	
										90.0169 LBS; 4.0095 FT3 902419 P5-02-025	
										80.015 LBS; 7.3507 FT3 C06177806 P5-02-026	
FOR CONSIGNEE USE ONLY											

11/10/05

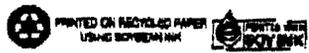
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05135	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545 505 665-6158					
4. Generator's Phone ()					
5. Transporter 1 Company Name HITTMAN 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 PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	
a. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, LSA-II, FISSION EXCEPTED, 7, UN3321, SOLID, PU241 FC99, 1.86e-03 TBq, LSA-II		1	2	kg	
b. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, LSA-II, 7, UN3321, LIQUID, ELEMENTAL, TC99, 1.85e-03 TBq, LSA-II		1	2	kg	
c.					
d.					
15. Additional Information for Materials (See 49 CFR 171.15)					
16. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 162 11b. ERGNO: 162 HMPP4: 05031702					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this container 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 air, according to applicable international and national government regulations. 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 <i>[Signature]</i>		Month Day Year 03/30/05	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Larry Brattlie		Signature <i>[Signature]</i>		Month Day Year 03/29/05	
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 Steve Withers					
Signature <i>[Signature]</i>		Month Day Year 04/01/05			

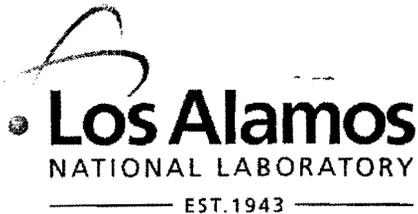
GENERATOR

TRANSPORTER

FACILITY

ORIGINAL-RETURN TO GENERATOR





Protecting America
Solid Waste Regulatory Compliance

Date: June 8, 2005
Refer to: ENV-SWRC:05-038

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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

An expedited shipment that included STP covered waste was initiated on May 9, 2005, and completed on May 12, 2005. The waste was sent to Perma-Fix in Gainesville, Florida. The waste volume will be proposed for addition to the FY2005 STP update, Revision 16 due on March 31, 2006. 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)
3.2	LA-W933	Lab packs	05224	0.2120
Total STP Volume Shipped				0.2120

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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Ms. Lee Winn
SWRC:05-038

-2-

June 8, 2005

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.
Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn
SWRC:05-038

-3-

June 8, 2005

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LANL, LC-GL, MS A187
G. Montoya, LANL, FWO-SWO, MS J595
J. Minton-Hughes, LANL, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150

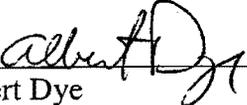
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2(K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

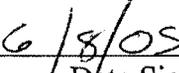
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(K)
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.

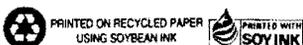


Albert Dye
STP Project Manager
Solid Waste Regulatory Compliance
Los Alamos National Laboratory
Operator



Date Signed

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMQ890010515		Manifest Document No. 05224		2. Page 1 of 4		Information in the shaded areas is not required by Federal law.									
		3. Generator's Name and Mailing Address U OF CA LAND 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 M.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		C. State Transporter's ID		D. Transporter's Phone 800-833-7602									
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone		G. State Facility's ID FLD 980 711 071									
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		H. Facility's Phone 352-373-6066													
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.		k		WASTE ETHYL ALCOHOL, 3, UN1170, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL		27		1		DF		1		k		D001	
b.		k		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ACETONE, TOLUENE), LIMITED QUANTITY-RADIOACTIVE MATERIAL		15		1		DF		4		k		P002 P003 P004 P005 D001	
c.		k		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS METHANOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL		9		1		DF		1		k		P003 D001	
d.		k		WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS METHANOL, ACETONITRILE)		7		1		DF		8		k		P003 U003 U031 U196 D001	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above											
11a. C04176213 5223 11b. C04174245 5228 11c. C04173779 5219 11d. C04173445 5222						SOI/HMI											
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						HMTE#: 05050302											
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 <i>Paul N. Newby</i>			Signature <i>[Signature]</i>			Month Day Year <i>10/20/05</i>											
17. Transporter 1 Acknowledgement of Receipt of Materials																	
Printed/Typed Name <i>Lewis Hedger</i>			Signature <i>[Signature]</i>			Month Day Year <i>10/20/05</i>											
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 <i>Steve Williams</i>			Signature <i>[Signature]</i>			Month Day Year <i>10/21/05</i>											



UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05224	22. Page 4	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		
24. Transporter Company Name M.P. ENVIRONMENTAL SERVICES, INC.				25. US EPA ID Number CAT000624247		
26. Transporter Company Name				27. US EPA ID Number		
				N. State Transporter's ID		
				O. Transporter's Phone 505-833-7502		
				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.	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS TOLUENE, HEXANE)	1	DF	6	k	U002 U019 U112 U220 D001
b.	WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., 3, UN1992, II, (CONTAINS CHLOROFORM, METHYLENE CHLORIDE)	1	DF	4	k	F002 F003 F005 D001 D007 D011 D022 D028
c.	WASTE TETRAHYDROFURAN, 3, UN2056, II	1	DF	1	k	U213 D001 D003
d.	WASTE XYLENES SOLUTION, 3, UN1307, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	1	k	D001
e.	WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., 4.1, UN3175, II, (CONTAINS KEROSENE), LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	DF	12	k	D001
f.	WASTE BARIUM PERCHLORATE, 5.1, UN1447, II	1	DF	1	k	D001 D003 D005
g.	WASTE PERCHLORATES, INORGANIC, N.O.S., 5.1, UN1481, II, (CONTAINS CHROMIUM PERCHLORATE)	1	DF	1	k	D001 D003 D007
h.	WASTE PERCHLORATES, INORGANIC, N.O.S., 5.1, UN1481, II	1	DF	1	k	D001 D003
i.	WASTE CHLOROFORM, 6.1, UN1888, III	1	DF	1	k	U044
S. Additional Descriptions for Materials Listed Above		28f. C04171571		T. Handling Codes for Wastes Listed Above		
28a. C04173891 5227		28g. C04171570		5224		
28b. C04174246 5220		28h. C04171572		5223		
28c. C04171573 5221		28i. C04173894		5225		
28d. C04174214 5207				5215		
28e. C04173778 5209				S01/HW41		
32. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211						
28a. ERGNO: 128 28b. ERGNO: 128 28c. ERGNO: 127 28d. ERGNO: 130 28e. ERGNO: 133 28f. ERGNO: 141						
28g. ERGNO: 140 28h. ERGNO: 140 28i. ERGNO: 151						
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						

GENERATOR

TRANSPORTER FACILITY



ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05224		22. Page 4		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 M.P. ENVIRONMENTAL SERVICES, INC.				25. US EPA ID Number CAT000624247		N. State Transporter's ID		O. Transporter's Phone 800-833-7602							
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.			
						No.		Type							
a.		WASTE DICHLOROMETHANE, 6.1, UN1593, III <i>11</i>				1		DF		1		k		U080	
b.		WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, AM241 PU238 PU239 U235 U238, 6.10e-08 TBq, FISSILE EXCEPTED <i>21 29</i>				2		DF		1		k		D005 D006 D007 D008 D010	
c.		WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, U(DEP), 7.40e-07 TBq, FISSILE EXCEPTED <i>24</i>				1		DN		18		k		D007 D008	
d.		WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, TH232 U235 U238, 4.80e-08 TBq <i>19</i>				1		DF		32		k		D008	
e.		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AM241 NP237 PU239 PU241, 2.04e-04 TBq, FISSILE EXCEPTED, Radioactive White I <i>6</i>				1		DN		63		k		F001	
f.		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY LSA-II, 7, UN3321, LIQUID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 2.37e-07 TBq, FISSILE EXCEPTED, Radioactive White I, LSA-II <i>20</i>				1		DF		1		k		D002 D004 D006 D007 D008 D009 D010 D011	
g.		WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, UN3264, II, (CONTAINS NITRIC ACID, CHROMIUM) <i>22</i>				1		DF		1		k		D002 D004 D007 D010	
h.		WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., 8, UN2922, II, (CONTAINS NITRIC ACID, ARSENIC), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>14</i>				1		DF		1		k		D002 D004 D006 D007 D008 D009 D011	
i.		HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III <i>25, 26</i>				2		DN		284		k		D015 D027 D030 D032 D033 D034 D036 D038 D042 D043	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above									
28a. C04173893 <i>5206</i>						28f. C04174586 <i>5210</i>									
28b. C04174587 + C04176488 (<i>5216 + 5204</i>)						28g. C04174588 <i>5213</i>									
28c. C04174832 <i>5214</i>						28h. C04174244 <i>5218</i>									
28d. C04174477 <i>5226</i>						28i. C04174974 + C04174978 (<i>5202 + 5201</i>)									
28e. C04171584 <i>5231</i>						"Exclusive use Shipment" <i>501/411</i>									
32. Special Handling Instructions and Additional Information															
EMERGENCY PHONE NO: (505) 667-6211															
28a. ERGNO: 160 28b. ERGNO: 161 28c. ERGNO: 161 28d. ERGNO: 161 28e. ERGNO: 162 28f. ERGNO: 162															
28g. ERGNO: 154 28h. ERGNO: 154 28i. 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															

GENERATOR



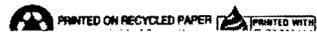
ORIGINAL-RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST <i>(Continuation Sheet)</i>		21. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05224		22. Page 4		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 <u>1</u> Company Name M.P. ENVIRONMENTAL SERVICES, INC.				25. US EPA ID Number CAT000624247		N. State Transporter's ID		O. Transporter's Phone 800-833-7602									
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)						29. Containers		30. Total Quantity		31. Unit Wt/Vol		R. Waste No.					
						No.		Type									
a.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS 1,1,1-TRICHLOROETHANE, TRICHLOROETHYLENE) <i>18</i>				1		DF		1		k		P002	
b.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS BARIUM & SILVER) <i>1</i>				1		DF		2		k		D005 D006 D007 D011	
c.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM & LEAD) <i>28</i>				1		DN		5		k		D007 D008	
d.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, SILVER) <i>17</i>				1		DF		7		k		P002 P005 D007 D011 D022 D036	
e.		x		HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS MERCURY) <i>23</i>				1		DF		5		k		D009	
f.																	
g.																	
h.																	
i.																	
S. Additional Descriptions for Materials Listed Above						T. Handling Codes for Wastes Listed Above											
28a. C04174259 <i>5212</i>						<i>30/1/1/1</i>											
28b. C04170245 <i>5208</i>																	
28c. C04176487 <i>5205</i>																	
28d. C04174247 <i>5211</i>																	
28e. C04174661 <i>5217</i>																	
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																	
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																	

GENERATOR

TRANSPORTER

FACILITY



ORIGINAL-RETURN TO GENERATOR



The World's Greatest Science
Protecting America
Solid Waste Regulatory Compliance

Date: June 21, 2005
Refer to: ENV-SWRC:05-042

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 3.1.9 (B) IN THE COMPLIANCE PLAN VOLUME (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) completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.9 (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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on May 23, 2005, and completed on May 25, 2005. The waste was sent to PECOS in Richland, Washington. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m)
3.1.9	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	05229	0.0004
Total STP Volume Shipped				0.0004

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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Ms. Lee Winn
SWRC:05-042

-2-

June 21, 2005

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn
SWRC:05-042

-3-

June 21, 2005

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LANL, LC-GL, MS A187
G. Montoya, LANL, FWO-SWO, MS J595
J. Minton-Hughes, LANL, FWO-SWO, MS J595
C. Duy, LANL, FWO-SWO, MS J595
SWRC-File, LANL, MS K490
IM-5, LANL, MS A150

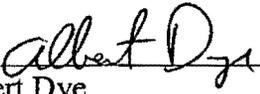
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.1.9(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

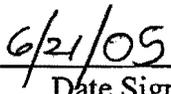
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.9(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



Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

~~Author: Albert Dye, SWRC-MS K490~~

Document Date: June 21, 2005

<p>Subject: Notice of Completion of Off-Site Waste Shipment To: Lee Winn</p>	<p>Document Identification <u>SWRC-63-042</u></p> <p>Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush</p>
--	---

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				ES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	/		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Gian Bacigalupa				
3.	K490	Tony Grieggs Group Leader	<i>T. Grieggs</i>	/		
4.	J591	Doug Stavert Acting ENV Division Leader	<i>DS</i>	/		
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval



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

Date: October 5, 2005
 Refer To: SWRC:05-067

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 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on August 23, 2005, and completed on August 26, 2005. The waste was sent for scrap metal recycling within the DOE complex to Duratek Inc., in Oak Ridge, TN. The volume of STP waste shipped is described in the following table:

3.2	LA-W934	High Activity Waste	05351	0.0198
Total STP Volume Shipped				0.0198

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.

Ms. Lee Winn
SWRC:05-067

2

October 5, 2005

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2(K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(K)
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

10-5-05

Date Signed

FORM 640 UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST SHIPPING PAPER		Duratek, Inc. 5. SHIPPER - NAME AND FACILITY Los Alamos National Laboratory PO Box 1663 MS2466 Los Alamos, NM 87545		7. FORM 640 AND 640A FORM 641 AND 641A FORM 642 AND 642A ADDITIONAL INFORMATION PAGE 1 OF 1 PAGE(S) 1 PAGE(S) None PAGE(S) None PAGE(S)		8. MANIFEST NUMBER (Use this number on all constituent pages) 05351 OUR cask			
1. EMERGENCY TELEPHONE NUMBER (800)867-6211		USER PERMIT NUMBER T-41893-LAF		SHIPMENT NUMBER 00201		9. CONSIGNEE - Name and Facility Duratek, Inc 1650 Bear Creek Road Oak Ridge, TN 37830		CONTACT Tim Stout TELEPHONE (866)220-1246 (Include Area Code) (866)220-1246 DATE 8/26/05	
ORGANIZATION EM&R		CONTACT Chris Dwy		6. CARRIER - Name and Address Human Transportation Service, Inc. 1668 Bear Creek Road Oak Ridge, TN 37830		EPA I.D. NUMBER TH000778300		SIGNATURE <i>[Signature]</i> AUTHORIZED CONSIGNEE acknowledging waste receipt	
2. IS THIS AN "EXCLUSIVE USE" SHIPMENT? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		3. TOTAL NUMBER OF PACKAGES IDENTIFIED ON THIS MANIFEST 1		TRUCK # 727A TRAILER # 53452		SHIPPING DATE 09/14/05		10. CERTIFICATION This is to certify that the hereinafter named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. This also certifies that the materials are classified, packaged, marked, and labeled and are in proper condition for transportation and disposal as described in accordance with the requirements of 10 CFR Parts 20 and 61, or equivalent state regulations.	
4. DOES EPA REGULATED WASTE REQUIRING A MANIFEST ACCOMPANY THIS SHIPMENT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		EPA MANIFEST NUMBER 68 8/1/05		CONTACT Karen Kirby		TELEPHONE (800)233-9633		AUTHORIZED SIGNATURE <i>[Signature]</i> TITLE WSM DATE 8/18/05	
11. U.S. DEPARTMENT OF TRANSPORTATION DESCRIPTION (Including proper shipping name, hazard class, UN ID number, and any additional information)		12. DOT LABEL "RADIOACTIVE" Yellow III		13. TRANSPORT INDEX 2.0		14. PHYSICAL AND CHEMICAL FORM S Elemental		15. INDIVIDUAL RADIONUCLIDES Co-60	
Radioactive Material, Type A Package, 7, UN2916, PG None CO60, 1.20990E-02 TBq						16. TOTAL PACKAGE ACTIVITY 1.2099E+04 MBq		17. LEASCO CLASS NA	
						18. TOTAL WEIGHT OR VOLUME 25000 LBS; 95.188 FT3		19. IDENTIFICATION NUMBER OF PACKAGE C00131316 USA DOT 7A TYPE A WILLIAMS OTUM 600052	
FOR CONSIGNEE USE ONLY TENNESSEE "LICENSE FOR DELIVERY" NO _____ NORTH CAROLINA TRANSPORT PERMIT NO _____ US ECOLOGY GENERATOR NO _____ US ECOLOGY PERMIT NO _____				20. GENERATOR CERTIFICATION STATEMENT A) Radioactive Materials. Certification is hereby made to Duratek, Inc. That this shipment of low-level radioactive material/waste has been prepared in accordance with radioactive waste management program which has been approved by the Nuclear Regulatory Commission or an Agreement State regulatory agency and with the current revision of the Duratek Material Acceptance Criteria. B) Hazardous Materials. Generator hereby certifies that this material does not contain a hazardous waste as defined in 40 CFR 261. C) DMS. Generator hereby represents and warrants that all data set forth in this (UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST) are true and correct in all respects and in accordance with all applicable governmental laws, rules, regulations and Duratek, Inc. State of Tennessee Radioactive Material License. CHRIS DWY Print Name <i>[Signature]</i> Signature 8/18/05 Date					

FORM 640 (10-00)



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

Date: November 3, 2005
 Refer To: SWRC:05-073

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 3.2 (F) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (F) 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), *"provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."*

A shipment that included STP covered waste was initiated on September 21, 2005, and completed on September 22, 2005. The waste was sent to Envirocare in Utah. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Volume Shipped (cu)
3.2	LA-W924	Lead Wastes-TBD	05606	0.8327
Total STP Volume Shipped				0.8327

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 (505) 667-4715 or dyea@lanl.gov if you have any questions.

Ms. Lee Winn
SWRC:05-073

2

November 3, 2005

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150



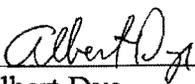
ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2(F)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

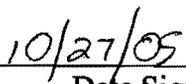
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(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.

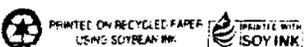


Albert Dye
STP Project Manager
Solid Waste Regulatory Compliance
Los Alamos National Laboratory
Operator



Date Signed

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. <i>NM089002051E</i>		Manifest Document No. <i>05606</i>		2. Page 1 of 2		Information in the shaded areas is not required by Federal law.									
		3. Generator's Name and Mailing Address <i>Los Alamos National Laboratory P.O. Box 16633, MS 0595, Los Alamos, NM 87545</i>						A. State Manifest Document Number									
4. Generator's Phone <i>(505) 665-6153</i>						B. State Generator's ID			C. State Transporter's ID								
5. Transporter 1 Company Name <i>M.P. ENVIRONMENTAL SERVICES, INC.</i>				6. US EPA ID Number <i>CAT000624247</i>		D. Transporter's Phone <i>800-833-7602</i>											
7. Transporter 2 Company Name				8. US EPA ID Number		E. State Transporter's ID											
9. Designated Facility Name and Site Address <i>Envirocare of Utah, Inc. Interstate 80, Exit 49 Culive, UT 84029</i>				10. US EPA ID Number <i>UTD982598898</i>		F. Transporter's Phone											
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									
HM		a. <i>X</i>		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(NAT), 7.06e-05 TBq, FISSILE EXCEPTED				1		DK		159		k		D006 D008	
HM		b. <i>X</i>		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(NAT), 6.55e-05 TBq, FISSILE EXCEPTED				1		DK		147		k		D006 D008	
HM		c. <i>X</i>		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(NAT), 3.94e-05 TBq, FISSILE EXCEPTED				1		DK		88		k		D006 D008	
HM		d. <i>X</i>		WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(NAT), 6.42e-05 TBq, FISSILE EXCEPTED				1		DK		190		k		D006 D008	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above											
11a. <i>C05177634</i> 11b. <i>C05177635</i> 11c. <i>C05178679</i> 11d. <i>C05178680</i> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">9006-01-M08996</div> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">Exclusive Use</div>																	
15. Special Handling Instructions and Additional Information						EMTPE: 05090103											
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 <i>Paul N. Newberry</i>					Signature <i>[Signature]</i>			Month Day Year <i>09/21/05</i>									
17. Transporter 1 Acknowledgement of Receipt of Materials					Printed/Typed Name <i>Richard Bogan</i>			Signature <i>[Signature]</i>		Month Day Year <i>09/21/05</i>							
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 <i>Reyan Fotheringham</i>					Signature <i>[Signature]</i>			Month Day Year <i>09/23/05</i>									



ORIGINAL RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator's US EPA ID No. N M 0 8 9 0 0 1 0 5 1 5	Manifest Document No. 0 5 6 0 6	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 Company Name W.P. ENVIRONMENTAL SERVICES, INC.	25. US EPA ID Number QAT000624247	N. State Transporter's ID
		O. Transporter's Phone 800-833-7602

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)	29. Containers		30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
	No.	Type			
a. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY(LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(NAT), 1.20e-04 TBq, FISSILE EXCEPTED	1	DM	269	k	D006 D008
b. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY(LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 1.28e-05 TBq, FISSILE EXCEPTED	1	DM	253	k	D008
c. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY(LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 2.97e-05 TBq, FISSILE EXCEPTED	1	DM	31	k	D008
d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY(LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 5.14e-05 TBq, FISSILE EXCEPTED	1	DM	65	k	D008
e. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY(LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 1.36e-05 TBq	1	DM	79	k	D008
f. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 5.36e-05 TBq, FISSILE EXCEPTED	1	DM	56	k	D008
g. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD)	1	DF	4	k	D008
h. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS LEAD AND SILVER)	1	DF	54	k	D008 D013
i.					

S. Additional Descriptions for Materials Listed Above	T. Handling Codes for Wastes Listed Above
28a. C05179174 28b. C05179417 28c. C05179566 28d. C05179566 28e. C05179567	28f. C04171932 28g. C04175228 28h. C04174213

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

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

GENERATOR

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: Albert Dye, SWRC-MS K490

Document Date: October 27, 2005

Subject: Requested Information To: Lee Winn	Document Identification SWRC:05-073 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
--	--

1.	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
	K490	Author Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10/31/05
3.	K490	Tony Grieggs Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10/31/05
4.	J591	Ken M. Hargis ENV Division Leader	<i>Waneth M. Hargis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11/1/05
	A150	IM-9 (for dispatch)				

• Reason(s) for disapproval



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

Date: November 4, 2005
 Refer To: SWRC:05-074

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
 ACTIVITIES 3.1.11 (B) AND 3.2 (K) IN THE COMPLIANCE PLAN
 VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.11(B) and 3.2 (K) 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), *“provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option.”*

A shipment that included STP covered waste was initiated on September 26, 2005, and completed on September 29, 2005. The waste was sent to M&EC in Oak Ridge, TN. 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)
3.2	LA-W925	<i>Mercury Waste-TBD</i>	05642	0.0002
3.1.11	LA-W910	<i>PCB wastes with RCRA components</i>	05642	0.3217
Total STP Volume Shipped				0.3219

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.

Ms. Lee Winn
SWRC:05-074

2

November 4, 2005

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



Ms. Lee Winn
SWRC:05-074

3

November 4, 2005

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150



ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITIES 3.1.11(B) and 3.2(K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05642	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6156				B. State Generator's ID		
5. Transporter 1 Company Name HITTMAN TRANSPORTATION SERVICES, INC.		6. USE EPA ID Number TND987783065		C. State Transporter's ID		
7. Transporter 2 Company Name		8. USE EPA ID Number		D. Transporter's Phone 800-233-9933		
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 56, SUITE 1020 OAK RIDGE, TN 37830		10. USE EPA ID Number TNR000005397		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone 865-574-0149		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit W/Vol	1. Waste No.	
a. <input checked="" type="checkbox"/> TOXIC SOLIDS, ORGANIC, N.O.S., 6.1, UN2811, 1, (CONTAINS CYCLOPENTADIENYLMOLYBDENUM TRICARBONYL)		No. Type				
b. <input checked="" type="checkbox"/> RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910		1 DK	12	1		
c. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, POLYCHLORINATED BIPHENYL CONTAMINATION, SOLID, ELEMENTAL, AM241 PU238 PU239 UINAT, 3.85e-09 TBq, FISSILE EXCEPTED, RQ1EQ (POLYCHLORINATED BIPHENYLS)		1 DK	28	1		
d. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY LSA-II FISSILE-EXCEPTED, 7, UN3321, LIQUID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 1.06e-07 TBq, FISSILE EXCEPTED, Radioactive White I		1 DF	1	1	D009	
J. Additional Descriptions for Materials Listed Above 11a. C57097664 11b. L04170538 11c. C05179309 11d. C05178640 EXCLUSIVE USE SHMT.				K. Handling Codes for Wastes Listed Above T61, T21		
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 154 11b. ERGNO: 162 11c. ERGNO: 163 11d. ERGNO: 162 HMTE: 05092303						
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 W. Newberry		Signature <i>[Signature]</i>		Month Day Year 10/9/26/05		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name Samuel Knight		Signature <i>[Signature]</i>		Month Day Year 10/9/26/05		
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 Kimberly Hurd		Signature <i>[Signature]</i>		Month Day Year 10/9/29/05		



ORIGINAL-RETURN TO GENERATOR

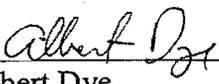
UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05642	22. Page 2 2	Information in the shaded areas is not required by Federal law.			
23. Generator's Name U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				L. State Manifest Document Number				
24. Transporter Company Name HITMAN TRANSPORTATION SERVICES, INC.				M. State Generator's ID				
25. US EPA ID Number IND987783065				N. State Transporter's ID				
26. Transporter Company Name				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	32. Waste No.
	HM	No.	Type					
a.		2	DR	NON-REGULATED WASTE, SOLID, 77	464	1		
b.		1	DR	NON-REGULATED WASTE, SOLID, 77	336	1		
c.	X	1	DR	WASTE CORROSIVE, LIQUID, N.O.S., 8, UN1760, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL	1	1		D002, D003
d.		1	DR	NON-REGULATED WASTE, SOLID	139	1		
e.								
f.								
g.								
h.								
i.								
S. Additional Descriptions for Materials Listed Above				T. Handling Codes for Wastes Listed Above				
28a. L04170539 L04170542				T61, T21				
28b. L04170541								
28c. C03181193								
28d. L04170540								
32. Special Handling Instructions and Additional Information								
EMERGENCY PHONE NO: (505) 667-6211								
28a. ERGNO: 28b. ERGNO: 28c. ERGNO: 154 28d. ERGNO:								
33. Transporter Acknowledgement of Receipt of Materials				Date				
Printed/Typed Name Samuel Knight			Signature Samuel Knight		Month Day Year 09 26 05			
34. Transporter Acknowledgement of Receipt of Materials				Date				
Printed/Typed Name			Signature		Month Day Year			
35. Discrepancy Indication Space								

GENERATOR
TRANSPORTER
FACILITY

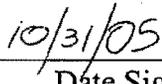
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES 3.1.11(B) and 3.2(K)
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



Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: SWRC-MS K490

Document Date: November 4, 2005

Subject: **NOTICE OF COMPLETION OF OFF-SITE WASTE SHIPMENT ACTIVITIES 3.1.11 (B) AND 3.2 (K) IN THE COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL)**

To: Winn, Lee	Document Identification SWRC:05-074 Check One (Indicate required date) <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
---------------	---

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	✓		
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	✓		10/31/05
3.	K490	Tony Grieggs Group Leader	<i>Jack Ellvinger</i>	✓		10/31/05
4.	J591	Ken M. Hargis ENV Division Leader	<i>Kenneth M. Hargis</i>	✓		11/1/05
	A150	IM-9 (for dispatch)				

• Letter Due Date:

Letter due at NMED on 11/5/05



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

Date: November 4, 2005
Refer To: SWRC:05-074

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
ACTIVITIES 3.1.11 (B) AND 3.2 (K) IN THE COMPLIANCE PLAN
VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.11(B) and 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on September 26, 2005, and completed on September 29, 2005. The waste was sent to M&EC in Oak Ridge, TN. 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)
3.2	LA-W925	Mercury Waste-TBD	05642	0.0002
3.1.11	LA-W910	PCB wastes with RCRA components	05642	0.3217
Total STP Volume Shipped				0.3219

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.

From: "Steve Zappe" <steve_zappe@nmenv.state.nm.us>
To: ""Martinez, Porf - CTAC"" <Porf.Martinez@wipp.ws>,
""Holland, Ava - DOE"" <Ava.Holland@wipp.ws>,
""Haar, David"" <David.Haar@wipp.ws>,
""Wayne Ledford" <Wayne.Ledford@wipp.ws>,
""Jody Plum" <Jody.Plum@wipp.ws>, ""James G. Nunz"" <jnunz@doeal.gov
<dyea@lanl.gov>, ""Kerry Watson" <Kerry.Watson@wipp.ws>
Copies to: ""James Bearzi \ (James Bearzi)"" <James_Bearzi@nmenv.state.nm.us>,
""Chuck Noble \ (Chuck Noble)"" <chuck_noble@nmenv.state.nm.us>,
""Lee Winn \ (Lee Winn)"" <Lee_Winn@nmenv.state.nm.us>,
""Connie Walker \ (Connie Walker)"" <conniewalk@aol.com>,
""Sharon White" <white.sharon@epa.gov>,
""Ed Felcorn" <Felcorn.Ed@epamail.epa.gov>,
""Rajani Joglekar" <joglekar.rajani@epa.gov>,
""Nick Stone \ (Nick Stone)"" <Stone.Nick@epamail.epa.gov>,
""Carl Chavez"" <carl_chavez@nmenv.state.nm.us>,
""Kate Lynnes"" <kate_lynnes@nmenv.state.nm.us>,
""Kevin Krause"" <kevin_krause@nmenv.state.nm.us>,
""Steve Holmes"" <Steve_Holmes@nmenv.state.nm.us>
Subject: RE: Audit A-05-09 of the LANL, TRU Waste Characterization Activities Utili
Date sent: Thu, 31 Mar 2005 11:19:36 -0700

Porf, Ava -

In reviewing the audit plan for Audit A-05-09 for LANL/CCP, I noted a problem with the attached table, "Process and Equipment to be Reviewed during Audit A-05-09 of the LANL/CCP" under the heading, "Previously Approved Processes or Equipment". This table indicates that NMED has approved NDA procedures, specifically CCP-TP-063 (HENC) and CCP-TP-124 and -126 (FRAM). This is incorrect and should be fixed. Likewise, I'm not sure that EPA has approved headspace gas sampling and analysis under CCP-TP-128 (Agilent GC/MS). I suspect these entries should either be N/A or No.

I recommend you review this table and verify that all entries indicating current approval by NMED and EPA are correct, and reissue a revised table.

I also spoke with Wayne yesterday about the question EPA raised during a phone call with CBFO regarding implementation of payload management (Appendix E of the CH TRU WAC) by LANL/CCP. I told Wayne to be sure CCP spoke with LANL regarding the Federal Facilities Compliance Order (FFCO) issued by NMED to LANL on October 4, 1995. National TRU Waste Program policies notwithstanding, I stressed the importance of all parties understanding NMED's expectation that any definition of TRU waste used at LANL be consistent with the definition that was in place when the FFCO

was issued (i.e., DOE Order 5820.2A, Attachment 2). Although the FFCO deals solely with mixed waste, NMED discourages LANL from establishing a different criteria for certifying non-mixed TRU waste for disposal at WIPP than would be used for TRU mixed waste.

Call with questions. Thanks!

Steve
428-2517 Work
660-0353 Cell

-----Original Message-----

From: Curfew, Lucinda - DOE [<mailto:Lucinda.Curfew@wipp.ws>]
Sent: Friday, February 25, 2005 8:34 AM
To: James G. Nunz (jnunz@doeal.gov)
Cc: Holland, Ava - DOE; Watson, Kerry - DOE; James Bearzi (James_Bearzi@nmenv.state.nm.us); Zappe, Steve; 'Dermot Winters (DermotW@DNFSB.gov)'; Haar, David; Raaz, Dick; Sharif, Farok; Fisher, AJ;
Peterman, Sue - LANL; Greene, Loretta; Martinez, Porf - CTAC
Subject: Audit A-05-09 of the LANL, TRU Waste Characterization Activities
Utilizing the Subcontracted Services of the Washington TRU Solutions, CCP

<<05-0358.pdf>> <<05-0358-59-60encl.pdf>>

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

Date: March 14, 2006
Refer To: SWRC:06-017

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 IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). During the compilation of the Revision 16 STP annual update, it was discovered that four manifests for shipments of STP covered waste were not submitted to the NMED in FY05. LANL apologizes for this oversight. This waste will be proposed for deletion in the Revision 16 STP update. The following tables list the manifests and waste that was shipped.

A shipment that included STP covered waste was initiated on November 9, 2004, and completed on November 11, 2004. The waste was sent to ME&C in Tennessee. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m3)
3.2	LA-W925	Mercury Wastes-TBD	05007	C01137866	0.0160
Total STP Volume Shipped					0.0160

A shipment that included STP covered waste was initiated on November 9, 2004, and completed on November 11, 2004. The waste was sent to ME&C in Tennessee. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m ³)
3.1.3	LA-W906	<i>Aqueous Organic Liquids</i>	05016	C04173559	0.0001
3.2	LA-W910	<i>PCB Wastes with RCRA Components</i>	05016	C04174120	0.1060
Total STP Volume Shipped					0.1061

A shipment that included STP covered waste was initiated on November 9, 2004, and completed on November 15, 2004. The waste was sent to PermaFix in Florida. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m ³)
3.1.6	LA-W914	<i>Corrosive Solutions</i>	05026	91005427	0.0005
3.2	LA-W933	<i>Lab packs</i>	05026	91004716	0.0189
			05026	91004648	0.0189
			05026	C91020168	0.0057
			05026	C91020175	0.0038
			05026	C97097627	0.0009
			05026	91004726	0.0020
			05026	91004721	0.0006
Total STP Volume Shipped					0.0513

A shipment that included STP covered waste was initiated on December 13, 2004, and completed on December 16, 2004. The waste was sent to PermaFix in Florida. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m ³)
3.1.11	LA-W909	<i>Bulk Oils</i>	05044	C04170257	0.0473
				C04170258	0.0435
				C03168013	0.0380
				C04170259	0.0473
				C03168014	0.0530
				C03168015	0.0502

				C04170260	0.0435
				C04170261	0.0483
				C04170262	0.0454
				C04170263	0.0426
				C04170264	0.0473
Total STP Volume Shipped					0.5064

A shipment that included STP covered waste was initiated on March 3, 2005, and completed on March 7, 2005. The waste was sent to American Radiation Services (ARS) in Louisiana for radiological analysis. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest* Number	Container Number	Volume Shipped (m3)
3.2	LA-W934	High Activity Waste	05141	902421	0.0189
Total STP Volume Shipped					0.0189

* Verification Sample form

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

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Ms. Lee Winn
SWRC:06-017

4

March 14, 2006

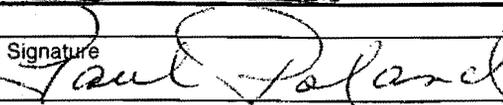
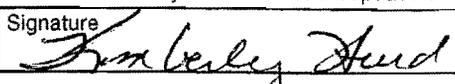
Bcc: w/o enc.

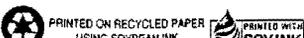
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Allen, NWIS-TA54E, MS J595
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150

ENCLOSURE A

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

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05007		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
		3. Generator's Name and Mailing Address U OF CALIF 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 M.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		C. State Transporter's ID		D. Transporter's Phone 800-833-7602			
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							
GENERATOR	11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		1. Waste No.		
	a. WASTE CORROSIVE LIQUID, TOXIC, N.O.S., 8, UN2922, II, (CONTAINS SULFURIC ACID, MERCURY)						No. 1 Type DF		18		k		D002 D007 D009 D011		
	b.														
	c.														
	d.														
J. Additional Descriptions for Materials Listed Above 11a. C01137866						K. Handling Codes for Wastes Listed Above T21									
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 154 HMTF#: 04102602															
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. Newbury						Signature 			Month Day Year 11 10 04						
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name PAUL POLAND			Signature 			Month Day Year 11 10 04		
	18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name			Signature			Month Day Year		
	19. Discrepancy Indication Space														
FACILITY	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 			Month Day Year 11 11 04					



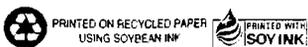
UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05016	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address U of CA LANL for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-833-7602		
9. Designated Facility Name and Site Address MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830		10. US EPA ID Number TNRO00005397		E. State Transporter's ID		
				F. Transporter's Phone		
				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	13. Total Quantity	14. Unit W/Vol	
			No.	Type	Waste No.	
a.	<input checked="" type="checkbox"/>	WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS HEXANE), POLYCHLORINATED BIPHENYL CONTAMINATION	1	DF	1 k	D001
b.	<input checked="" type="checkbox"/>	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA II), 7, UN3321, POLYCHLORINATED BIPHENYL CONTAMINATION, LIQUID, ELEMENTAL, AM241 CS137 H3 PU238 PU239 U235 U238, 3.01e-02 TBq, FISSILE EXCEPTED, TI **, Radioactive Yellow II, LSA-II	1	DM	20 k	F005 D006 D009
c.	<input checked="" type="checkbox"/>	POLYCHLORINATED BIPHENYLS, SOLID, 9, UN2315, III, RQ-101	1	DM	1 k	
d.						
J. Additional Descriptions for Materials Listed Above 11a. P4-10-328 C04173559 11b. P4-08-243 C04174120 11c. P4-09-264 C02156843				K. Handling Codes for Wastes Listed Above T21, X03		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 11a. ERGNO: 128 11b. ERGNO: 162 11c. ERGNO: 171 HMTF#: 04102802						
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 W. Newberry			Signature <i>[Signature]</i>		Month Day Year 11/10/04	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name PAUL FORAND			Signature <i>[Signature]</i>		Month Day Year 11/10/04	
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 Kimberly Hurd			Signature <i>[Signature]</i>		Month Day Year 11/11/04	

GENERATOR

TRANSPORTER

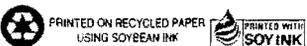
FACILITY

ORIGINAL-RETURN TO GENERATOR



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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515		Manifest Document No. 05026		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						A. State Manifest Document Number		B. State Generator's ID	
4. Generator's Phone (505) 665-6158						6. US EPA ID Number CAT000624247		C. State Transporter's ID		D. Transporter's Phone 800-833-7602	
5. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.						8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
7. Transporter 2 Company Name						10. US EPA ID Number FLD980711071		G. State Facility's ID FLD980711071		H. Facility's Phone 352-373-6066	
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653						11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		13. Total Quantity	
								14. Unit Wt/Vol		I. Waste No.	
a. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID, CORROSIVE, N.O.S., 3, UN2924, II, (HEXAFLUOROACETYL ACETONE), Limited Quantity - Radioactive Material						1		DF		1	
b. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ACETONE), LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		DF		4	
c. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUID, N.O.S., 3, UN1993, II, (ISOPROPANOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL						1		DN		4	
d. <input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL ED 11/5/04						1		DN		1	
J. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above					
11a. C97097763 RS 2775						S01, H141, H200					
11b. C91020168 RS 4784											
11c. C91020175 RS 4765											
11d. 880088000 PULLED											
15. Special Handling Instructions and Additional Information											
EMERGENCY PHONE NO: (505) 667-6211											
11a. ERGNO: 132 11b. ERGNO: 128 11c. ERGNO: 128 11d. ERGNO: 128											
HMTF-00000 04/10/02											
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 <i>[Signature]</i>			Month Day Year 11/10/04		
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed/Typed Name PAUL POLAND						Signature <i>[Signature]</i>			Month Day Year 11/10/04		
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 Steve Williams						Signature <i>[Signature]</i>			Month Day Year 11/11/04		



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UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05026	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 M.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247		N. State Transporter's ID			
26. Transporter Company Name		27. US EPA ID Number		O. Transporter's Phone 800-833-7602			
				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.	
HM	a. <input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, U235 U238, 4.00e-10 TBq <i>8</i>		1	DF	9	k	D008 D010 D019 D039 D040 <i>RS 4769</i>
X	b. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE, LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, C060 CS137 EU152 EU154 U235 U238, 1.64e-09 TBq <i>9</i>		1	DM	12	k	D008 D010 D019 D039 D040
X	c. WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, UN3264, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>15</i>		1	DF	1	k	D002
X	d. WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (SULFURIC ACID), 8, UN3264, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>7</i>		1	DF	1	k	D002 D010
X	e. WASTE CORROSIVE LIQUIDS, N.O.S., 8, UN1760, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>3</i>		1	DM	5	k	D002
X	f. WASTE CORROSIVE LIQUIDS, N.O.S., 8, UN1760, II, LIMITED QUANTITY-RADIOACTIVE MATERIAL		2	DM	5	k	D002
X	g. WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., 8, UN2922, III, (ANILINE, SULFOSALACILIC ACID), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>4.5</i>		1	DM	2	k	D012 D002
X	h. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS CHROMIUM, SELENIUM), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>6</i>		3	DM	131	k	D007 D010 D039
X	i.						
S. Additional Descriptions for Materials Listed Above			Handling Codes for Wastes Listed Above				
28a. C04174983 <i>RS 4764</i>			28f. 91004716 91004721 <i>SO1, H141, H050, H121,</i>				
28b. C04174985 <i>RS 4771</i>			28g. 91004726 <i>RS 4642</i>				
28c. WP15452 C97097627 <i>RS 4770</i>			28h. C04174987 C04174990 C04174991 <i>H11, H050</i>				
28d. 91005427 <i>RS 4641</i>			<i>RS 4768 4767 4766</i>				
28e. 91004648 <i>RS 4772</i>							
32. Special Handling Instructions and Additional Information							
EMERGENCY PHONE NO: (505) 667-6211							
28a. ERGNO: 161 28b. ERGNO: 161 28c. ERGNO: 154 28d. ERGNO: 154 28e. ERGNO: 154 28f. ERGNO: 154							
28g. ERGNO: 154 28h. ERGNO: 171							
33. Transporter Acknowledgement of Receipt of Materials			Date				
Printed/Typed Name <i>PAUL POKAND</i>		Signature <i>Paul Pokand</i>		Month Day Year <i>11/07/04</i>			
34. Transporter Acknowledgement of Receipt of Materials			Date				
Printed/Typed Name		Signature		Month Day Year			
35. Discrepancy Indication Space							

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05044	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 LAML for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545 505, 665-6158				A. State Manifest Document Number		
				B. State Generator's ID		
4. Generator's Phone ()		5. Transporter 1 Company Name FLUID TRANSPORTS INC		6. US EPA ID Number TXD988057931		C. State Transporter's ID
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-523-5842		
9. Designated Facility Name and Site Address PERMA-FIX 1940 NW 67th PLACE GAINESVILLE, FL 32653		10. US EPA ID Number FLD980711071		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID FLD 980 711 071		
				H. Facility's Phone 352-373-6066		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.	
		No.	Type			
a.	<input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ACETONE, N-BUTYL ALCOHOL), LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>13</i>	1	DF	5	k	P003 D001
b.	<input checked="" type="checkbox"/> WASTE FLAMMABLE LIQUIDS, N.O.S., 3, UN1993, II, (CONTAINS ISOPROPANOL & ETHANOL) <i>16</i>	1	DF	8	k	D001
c.	<input checked="" type="checkbox"/> WASTE XYLENES SOLUTION, 3, UN1307, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL <i>4</i>	1	DF	3	k	D001
d.	<input checked="" type="checkbox"/> WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, TH232 U238, 7.40e-08 PBq <i>19</i>	1	DF	1	k	P005
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above		
11a. C04171090 <i>RS 4836</i>				<i>SOI/HMI</i>		
11b. C04170513 <i>4830</i>						
11c. C03169245 <i>4827</i>						
11d. C04171091 <i>4837</i>						
15. Special Handling Instructions and Additional Information						
EMERGENCY PHONE NO: (505) 667-6211						
11a. ERGNO: 128 11b. ERGNO: 128 11c. ERGNO: 130 11d. ERGNO: 161						
HWTF#: 04120302						
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 T. J. Sloan			Signature <i>T. Sloan</i>		Month Day Year 1/21/04	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name <i>Gayland Vaughan</i>			Signature <i>Gayland Vaughan</i>		Month Day Year 1/21/04	
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 <i>Steve Williams</i>			Signature <i>Steve Williams</i>		Month Day Year 1/21/04	

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05044	22. Page 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			
24. Transporter 1 Company Name FLUID TRANSPORTS INC				M. State Generator's ID			
25. US EPA ID Number TXD988057931				N. State Transporter's ID			
26. Transporter Company Name				O. Transporter's Phone 800-523-5642			
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	R. Waste No.		
HM	a.	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, AN241 PU238 PU239 U235 U238, 1.15e-07 TBq <i>5</i>	1	DF	4	k	D009
X	b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.71e-05 TBq, FISSILE EXCEPTED, Radioactive White I, LSA-II <i>7</i>	1	DN	43	k	D008 D018 D028
X	c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.80e-05 TBq, FISSILE EXCEPTED, Radioactive White I, LSA-II <i>8</i>	1	DN	47	k	D008 D018 D028
X	d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.56e-05 TBq, FISSILE EXCEPTED, Radioactive White I, LSA-II <i>9</i>	1	DN	41	k	D008 D018 D028
X	e.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY, 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 2.39e-06 TBq, FISSILE EXCEPTED, LSA-II <i>14</i>	1	DF	25	k	D011
X	f.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-III), 7, UN2912, LIQUID, ELEMENTAL, AN241 NP237 PU239 PU241, 1.44e-04 TBq, Radioactive White I <i>20</i>	1	DN	69	k	F001
X	g.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN2912, LIQUID, ELEMENTAL, AN241 NP237 PU239, 4.43e-05 TBq, Radioactive White I <i>21</i>	1	DN	62	k	F001
X	h.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, AN241, 3.89e-07 TBq <i>13</i>	1	DN	47	k	D008 D018 D028
X	i.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.79e-05 TBq, FISSILE EXCEPTED, Radioactive White I <i>6</i>	1	DN	46	k	D008 D018 D028
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above				
28a. C03169367	<i>RS 4826</i>	28f. C04172463	<i>4829</i>	<i>COI/HMI</i>			
28b. C04170258	<i>4825</i>	28g. C04172464	<i>4828</i>				
28c. C04170259	<i>4825</i>	28h. C04170264	<i>4825</i>				
28d. C04170260	<i>4825</i>	28i. C04170257	<i>4825</i>				
28e. C04170385	<i>4833</i>	<i>"Exclusive use shipment"</i>					
32. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* 28a. ERGNO: 161 28b. ERGNO: 162 28c. ERGNO: 162 28d. ERGNO: 162 28e. ERGNO: 162 28f. ERGNO: 162 28g. ERGNO: 162 28h. ERGNO: 162 28i. ERGNO: 162							
33. Transporter Acknowledgement of Receipt of Materials					Date		
Printed/Typed Name <i>Edward V. ...</i>			Signature <i>[Signature]</i>		Month Day Year <i>12 13 04</i>		
34. Transporter Acknowledgement of Receipt of Materials					Date		
Printed/Typed Name			Signature		Month Day Year		
35. Discrepancy Indication Space							

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 05044	22. Page 3	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		
24. Transporter 1 Company Name FLUID TRANSPORTS INC			25. US EPA ID Number TXD988057931	N. State Transporter's ID			
26. Transporter _____ Company Name			27. US EPA ID Number	O. Transporter's Phone 800-523-5842			
				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.	
	HM		No.	Type			
a.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.76e-05 TBq, FISSILE EXCEPTED, Radioactive White I <i>10</i>	1	DN	46	k	D008 D018 D028
b.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.68e-05 TBq, FISSILE EXCEPTED, Radioactive White I <i>11</i>	1	DN	45	k	D008 D018 D028
c.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.61e-05 TBq, FISSILE EXCEPTED, Radioactive White I <i>12</i>	1	DF	39	k	D008 D018 D028
d.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 1.07e-06 TBq, FISSILE EXCEPTED <i>15</i>	1	DF	23	k	D011
e.	X	WASTE URANYL NITRATE, SOLID, 7, UN2981, LIMITED QUANTITY-RADIOACTIVE MATERIAL, SOLID, U238, 1.29e-11 TBq <i>17</i>	1	DF	1	k	D001
f.	X	HAZARDOUS WASTE, LIQUID, N.O.S., 9, NA3082, III, (CONTAINS BENZENE, LEAD) <i>1, 2, 3</i>	3	DN	147	k	D008 D018 D028
g.							
h.							
i.							
S. Additional Descriptions for Materials Listed Above			T. Handling Codes for Wastes Listed Above				
28a. C04170261 <i>RS 4825</i>			28f. C03168013 C03168014 C03168015 <i>RS 4825</i>				
28b. C04170262 <i>4825</i>							
28c. C04170263 <i>4825</i>							
28d. C04170386 <i>4829</i>							
28e. C04170517 <i>4831</i>							
			<i>SOI/HMI</i>				
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: 171							
33. Transporter _____ Acknowledgement of Receipt of Materials					Date		
Printed/Typed Name <i>Carlynn Washburn</i>			Signature <i>[Signature]</i>		Month Day Year <i>12/13/04</i>		
34. Transporter _____ Acknowledgement of Receipt of Materials					Date		
Printed/Typed Name			Signature		Month Day Year		
35. Discrepancy Indication Space							

GENERATOR

TRANSPORTER

FACILITY

BY: AMERICAN RADIATION SERVICES; 12253812996; MAR-16-05 2:39PM; PAGE 2

1405141

MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

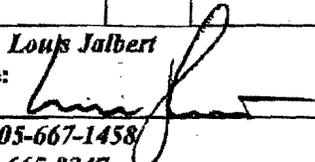
Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-01	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:05	LJ
902421-02	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:05	LJ
902421-03	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:05	LJ
902421-04	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:05	LJ
902421-05	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:06	LJ
902421-06	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:06	LJ
902421-07	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:06	LJ
902421-08	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:06	LJ
902421-09	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ
902421-10	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ

COMMENTS:

- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

Sampler: Loup Jalbert

Signature: 

Phone: 505-667-1458

Fax: 505-665-8347

Email: lej@lanl.gov

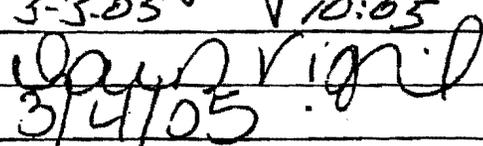
Sampling Site: TA54

Project Name: 902421 IWD057

Cost Code: M381 3E05 0400 4192

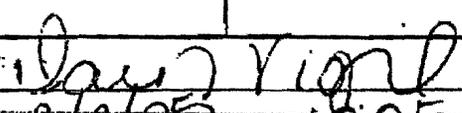
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Date / Time: 3-3-05 10:05

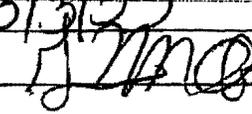
Relinquished By: 

Date / Time: 3/4/05

Reviewed By:

Received By: 

Date / Time: 3/3/05 10:05

Received By: 

Date / Time: 3-7-05 1000

Sample Quantity, Container Type, and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

U, Pu, Am, Th, Np, Po

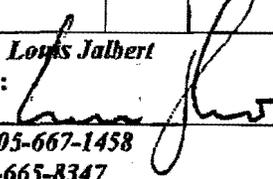
MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-11	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ
902421-12	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ
902421-13	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-14	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-15	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-16	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-17	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-18	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-19	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-20	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ

COMMENTS:

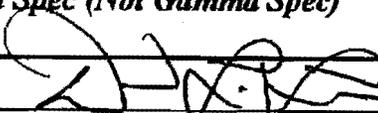
- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

Sampler: Louis Jalbert
Signature: 

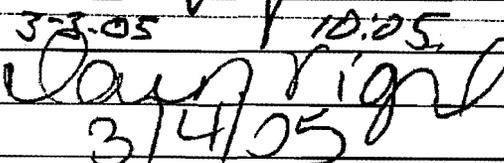
Phone: 505-667-1458
Fax: 505-665-8347
Email: lej@lanl.gov

Sampling Site: TA54
Project Name: 902421 IWD057

Cost Code: M381 3E05 0400 4192

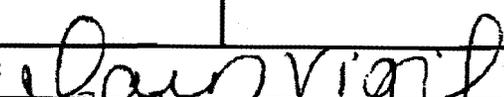
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Date / Time: 3-2-05 10:05

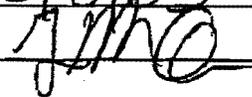
Relinquished By: 

Date / Time: 3/4/05

Reviewed By:

Received By: 

Date / Time: 3/3/05 10:05

Received By: 

Date / Time: 3-7-05 1000

PAGE 3

MAR-16-05 2:39PM;

12253812996;

BY: AMERICAN RADIATION SERVICES;

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

U, Pu, Am, Th, Np, Po

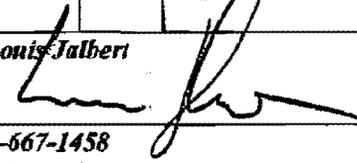
MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-21	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-22	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-23	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:10	LJ
902421-24	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:10	LJ
902421-25	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:11	LJ
902421-26	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:11	LJ
902421-27	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:11	LJ
902421-28	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:11	LJ
902421-29	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:12	LJ
902421-30	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:12	LJ

COMMENTS:

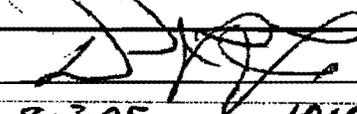
- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

Sampler: Louis Jalbert
Signature: 

Phone: 505-667-1458
Fax: 505-665-8347
Email: lej@lanl.gov

Sampling Site: TA54
Project Name: 902421 IWD057

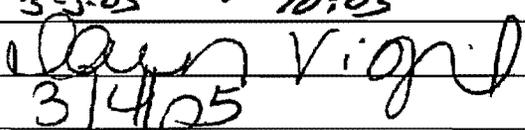
Cost Code: M381 3E05 0400 4192

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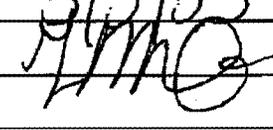
Date / Time: 3-3-05 10:05

Received By: 

Date / Time: 3/3/05 10:05

Relinquished By: 

Date / Time: 3/4/05

Received By: 

Date / Time: 3-7-05 1000

Reviewed By:

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

U, Pu, Am, TL 11. P

PAGE 4/7

MAR-16-05 2:40PM;

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SENT BY: AMERICAN RADIATION SERVICES;

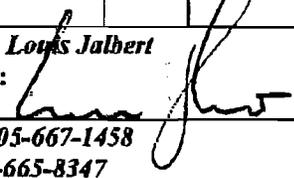
MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-11	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ
902421-12	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:07	LJ
902421-13	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-14	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-15	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-16	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:08	LJ
902421-17	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-18	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-19	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ
902421-20	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:09	LJ

COMMENTS:

- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

Sampler: *Louis Jalbert*
Signature: 

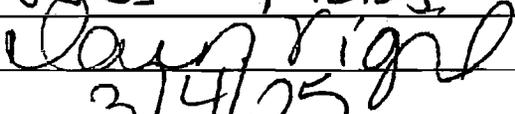
Phone: 505-667-1458
Fax: 505-665-8347
Email: lej@lanl.gov

Sampling Site: TA54
Project Name: 902421 IWD057

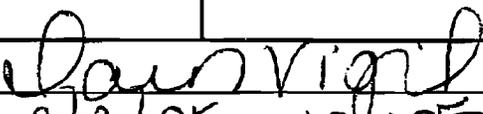
Cost Code: M381 3E05 0400 4192

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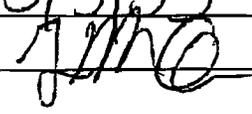
Date / Time: 3-3-05 10:05

Relinquished By: 

Date / Time: 3/4/05

Received By: 

Date / Time: 3/3/05 10:05

Received By: 

Date / Time: 3-3-05 1000

Reviewed By:

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

U, Pu, Am, Th, Np, Po

PAGE 3

MAR-16-05 2:39PM;

12253812996;

ENT. BY: AMERICAN RADIATION SERVICES;

ENT. BY: AMERICAN RADIATION SERVICES; 12253812996; MAR-16-05 2:40PM; PAGE 5/7

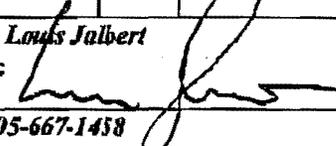
MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-31	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:12	LJ
902421-32	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:12	LJ
902421-33	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:13	LJ
902421-34	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:13	LJ
902421-35	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:13	LJ
902421-36	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:13	LJ
902421-37	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:14	LJ
902421-38	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:14	LJ
902421-39	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:14	LJ
902421-40	<30g	8oz CWM	N/A	Alpha Spec	Solid	3-1-05 9:14	LJ

COMMENTS:

- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

Sampler: *Louis Jalbert*
 Signature: 
 Phone: 505-667-1458
 Fax: 505-665-8347
 Email: lej@lanl.gov

Sampling Site: TA54
 Project Name: 902421 IWD057
 Cost Code: M381 3E05 0400 4192

Relinquished By: 
 Date / Time: 3-3-05 10:05
 Relinquished By: *Down Vigil*
 Date / Time: 3/4/05

Received By: *Down Vigil*
 Date / Time: 3/3/05 10:05
 Received By: *JMG*
 Date / Time: 3-7-05 1000

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

U, Pu, Am, Th, Np, Pa

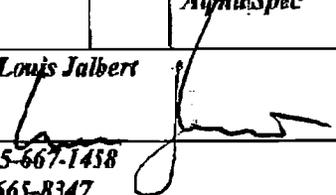
NLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
902421-41	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:15	LJ
902421-42	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:15	LJ
902421-43	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:15	LJ
902421-44	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:15	LJ
902421-45	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ
902421-46	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ
902421-47	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ
902421-48	<30g	4oz AWM	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ
902421-49	<30g	500 ml poly	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ
902421-50	<30g	500 ml poly	N/A	Alpha Spec	Solid	3-1-05 9:16	LJ

COMMENTS:

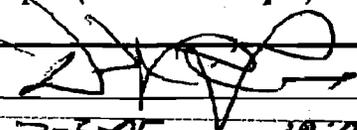
- Limited Quantity of Material
- The Sample Label should read Alpha Spec (Not Gamma Spec)

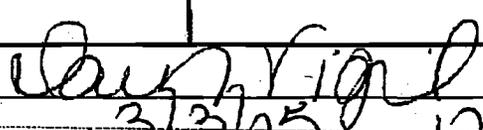
Sampler: Louis Jalbert
Signature: 

Phone: 505-667-1458
Fax: 505-665-8347
Email: lej@lanl.gov

Sampling Site: TA54
Project Name: 902421 IWD057

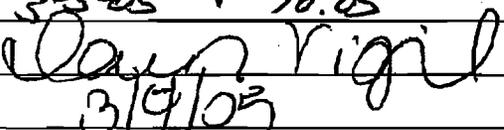
Cost Code: M381 3E05 0400 4192

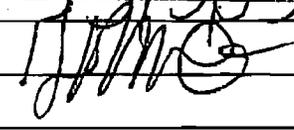
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Received By: 

Date / Time: 3-3-05 10:05

Date / Time: 3/3/05 10:05

Relinquished By: 

Received By: 

Date / Time: 3/7/05

Date / Time: 3-7-05 1000

Reviewed By:

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3-99)

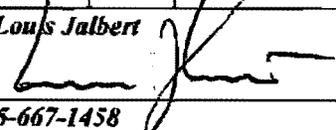
MLLW / HAZARDOUS WASTE VERIFICATION SAMPLE FORM

Date: 3/2/05

Item ID#	Sample Quantity	Sample Container Type	Preserve	Method	Physical Form	Sample Date/Time	Sampler
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N/A							

COMMENTS:

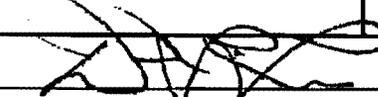
- Limited Quantity of Material
- The Sample Label should read Alpha Spec. (Not Gamma Spec)

Sampler: Louis Jalbert
Signature: 

Phone: 505-667-1458
Fax: 505-665-8347
Email: lej@lanl.gov

Sampling Site: TA54
Project Name: 902421 IWD057

Cost Code: M381 3EO5 0400 4192

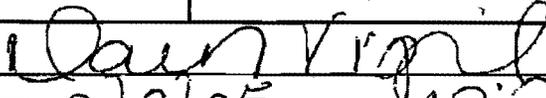
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Date / Time: 3-3-05 10:05

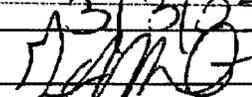
Relinquished By: Dawn Vigil

Date / Time: 3/4/05

Reviewed By:

Received By: 

Date / Time: 3/3/05 10:05

Received By: 

Date / Time: 3-7-05 1000

Sample Quantity, Container Type and Method are EPA guidance and will be adjusted to meet the needs of the analytical laboratory for safety and ALARA. FMU64-F212, R.0 (3/99)

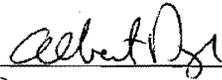
U. Pu. Am Th No. Pa

NT BY: AMERICAN RADIATION SERVICES; 12253812996; MAR-16-05 2:41PM; PAGE 7/7

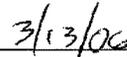
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES
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



Date Signed



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

Date: March 13, 2006
Refer To: SWRC:06-016

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: PROPOSED ADMINISTRATIVE ADJUSTMENTS FOR THE FY05 SITE TREATMENT PLAN (STP), REVISION 16

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of proposed administrative adjustments to be included for FY05 Site Treatment Plan STP Update, Revision 16. Administrative adjustments and corrections are due to discrepancies found during quality control activities related to preparing waste for treatment, inventory, and disposal or when preparing for the STP Annual Update. These adjustments may result in additions of newly identified covered waste, transfers of waste to other treatability groups, or transfers of waste to the missing/nonexistent/TBV category of the STP. A thorough data quality review is conducted annually to compare shipment notifications with shipping manifests against database updates.

The proposed administrative adjustments are described in the following table:

MWIR Waste ID	Treatability Group	Volume (m ³)	Comments	CPV Section
LA-W918	Compressed Gases Requiring Oxidation	(0.0005)	Volume correction	3.1.9
LA-W910	PCB Waste with RCRA Components	0.08787	Excess Inventory Reported	3.1.11
LA-W925	Mercury Wastes TBD	0.1019	Excess Inventory Reported	3.2
LA-W934	High Activity	(0.2082)	Mixed Low-Level waste reclassified as Mixed TRU waste	3.2
	<i>Net Total</i>	(0.0189)		

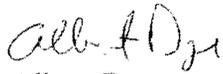
Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Ms. Lee Winn
SWRC:06-016

2

March 13, 2006

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Allen, NWIS-TA54E, MS J595
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150

ENCLOSURE
CERTIFICATION

PROPOSED ADMINISTRATIVE ADJUSTMENTS FOR THE FY05 SITE
TREATMENT PLAN (STP), REVISION 16
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

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

3/13/06

Date Signed

LANL FFCO 04



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



Date: March 15, 2006
Refer To: SWRC:06-018

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 MILESTONE 3.1.3 (D) IN THE
COMPLIANCE PLAN VOLUME (CPV), SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL)**

Dear Ms. Winn:

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 3.1.3 (D) in the CPV requires that LANL "Complete shipment of existing wastes for treatment to an off-site facility or complete parallel option" by 10/1/2005 for treatability group LA-W906 aqueous organic liquids. Section XX. of the FFCO requires written notification to NMED within 10 days after a compliance date. I apologize for not sending this notification within the required 10 day period.

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in cursive that reads 'Albert Dye'.

Albert Dye
STP Project Manager

AD:

Enc: a/s

ENCLOSURE
CERTIFICATION

NOTICE OF COMPLETION OF MILESTONE 3.1.3 (D) IN THE COMPLIANCE
PLAN VOLUME (CPV), 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

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

3/14/06

Date Signed



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

Date: March 16, 2005
Refer To: ENV-SWRC:05-018

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
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 MILESTONE 3.1.10(A) IN THE COMPLIANCE PLAN VOLUME (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 (A) in the CPV requires that LANL "Complete shipment of existing wastes for treatment to an off-site facility or complete parallel option" by 12/20/2004 for treatability group LA-W920 elemental mercury. Section XX of the FFCO requires written notification to NMED within 10 days after a compliance date. I apologize for not sending this notification within the required 10-day period.

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'Albert Dye'.

Albert Dye
STP Project Manager

AD:vc

Enc. a/s



Ms. Lee Winn
SWRC:05-018

-2-

March 16, 2005

Cy: (w/enc.)
Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

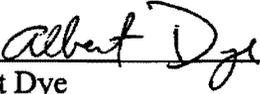
ENCLOSURE A

**NOTICE OF COMPLETION OF MILESTONE ACTIVITY
ACTIVITY 3.1.10(A)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

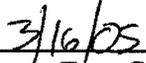
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF MILESTONE ACTIVITY
ACTIVITY 3.1.10(A)
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



Date Signed



Environment, Safety, Health & Quality

P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545
(505) 667-4218/FAX: (505) 665-3811

National Nuclear Security Administration

Los Alamos Site Office, MS A316
528 35th Street
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: September 8, 2006
Refer To: ESH&Q-06-033

CERTIFIED MAIL
RETURN RECEIPT REQUESTED



Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: RESPONSE TO NMED COMMENTS ON THE SITE TREATMENT PLAN (STP) FISCAL YEAR 2005 UPDATE AND REVISION 16.0 PROPOSAL, LOS ALAMOS NATIONAL LABORATORY (LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), OCTOBER 4, 1995

Dear Ms. Winn:

On April 11, 2006 and May 8, 2006, Albert Dye of the Los Alamos National Laboratory (LANL) met with you to discuss your review of the LANL Site Treatment Plan Fiscal Year 2005 Update and Revision 16.0 Proposal, submitted on March 23, 2006. At those meetings you requested various corrections/changes to the STP Update and Revision. The changes discussed have been made and are shown on the attached individual pages shown as underline/strikeout in Enclosure 1. These include the following:

- 1.) Revision 16 proposes extensions of compliance dates for milestone activities for 3.1.8(A), 3.1.9(A), 3.1.10(A), 3.1.11(A) and 3.2 (J). Additional language was added to justify these proposed extensions.
- 2.) Various corrections were made to dates, volumes, etc., in the Annual Update Background & Compliance Volumes and Revision 16.0.

Enclosure 2 describes how LANL will address the required format and content changes listed in your letter dated February 28, 2006. The one exception is the request to modify Table 2.2-2 "FY05 Estimated Covered MTRU Inventory by Treatability Group" of the Background Volume of the Annual STP Update.



Environment, Safety, Health & Quality
P.O. Box 1663, MS K491
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Date: September 8, 2006
Refer To: ESH&Q-06-033

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: RESPONSE TO NMED COMMENTS ON THE SITE TREATMENT PLAN (STP) FISCAL YEAR 2005 UPDATE AND REVISION 16.0 PROPOSAL, LOS ALAMOS NATIONAL LABORATORY (LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), OCTOBER 4, 1995

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- 2.) Various corrections were made to dates, volumes, etc., in the Annual Update Background & Compliance Volumes and Revision 16.0.

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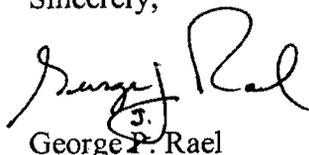
After consultation with LANL Environmental Management Operations TRU waste manager and DOE LASO representatives, it appears the request to categorize the LANL MTRU inventory based on the TRU Waste Baseline Inventory (TWBIR) may be of limited use as a tool for tracking the waste because the 1995 TWBIR codes are no longer used by LANL or by WIPP.

We request that Table 2.2-2 in the background Volume STP be maintained in its original format at least for the 2005 update. The reasons for not using the TWIBR numbers will be discussed in more detail in a forthcoming letter.

Enclosure 3 is a formatted copy of the Site Treatment Plan (STP) Fiscal Year 2005 Update and Revision Proposal 16.0 that incorporates the changes discussed in the above items.

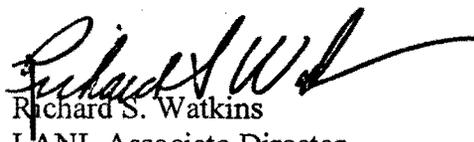
Please contact Mr. Albert Dye by telephone at (505) 667-4715 or by e-mail at dyea@lanl.gov if you have any questions.

Sincerely,



George P. Rael
DOE Acting Assistant
Manager for Environmental Stewardship

Sincerely,



Richard S. Watkins
LANL Associate Director
Environment, Safety, Health & Quality

GPR:RSW:AD/lm

Enclosure: a/s

Cy: James Bearzi, NMED/HWD, Santa Fe, NM, w/enc.
James Nunz, NNSA/LASO, w/enc., MS A316
Jan A. Van Prooyen, PADOPS, w/o enc., MS A102
Tori George, ENV-DO, w/enc., MS J978
Ken Hargis, WS-DO, w/enc., MS J980
Albert Dye, ENV-RCRA, w/enc., MS K490
ENV-RCRA, File (06-032), w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

Enclosure 1

Los Alamos National Laboratory

Federal Facility Compliance Order

*Annual Site Treatment Plan Update
for Fiscal Year 2005*

Background Volume

LA-UR-06-1922

March 16, 2006

Los Alamos

NATIONAL LABORATORY

**FY05 Annual STP Update
Background Volume**

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Appendix D: Reported STP MLLW Inventories FY98 (through Revision 9.0)

Appendix E: Reported STP MLLW Inventories FY99 Update and Revision 10.0 Final

Appendix F: Reported STP MLLW Inventories FY00 Updated and Revision 11.0

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Appendix G Reported STP MLLW Inventories FY01 Updated and Revision 12.0

Appendix H Reported STP MLLW Inventories FY02 Update and Revision 13.0

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Appendix J Reported STP MLLW Inventories FY04 Update and Revision 15.0

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TABLE 3.6-1: Administrative Adjustments and Corrections

**FY05 Annual STP Update
Background Volume**

ACRONYMS

AMWTP	Advanced Mixed Waste Treatment Project
ATG	Allied Technology Group
BNL	Brookhaven National Laboratory
BV	Background Volume
CCA	Compliance Certification Application
40 CFR	Title 40 of the Code of Federal Regulations
CMR	Chemical and Metallurgic Research
CPV	Compliance Plan Volume
DOE	Department of Energy
DSSI	Diversified Scientific Services, Inc.
EPA	Environmental Protection Agency
FFCO	Federal Facility Compliance Order
FR	Federal Register
FY	Fiscal Year
INEEL	Idaho National Engineering and Environmental Laboratory
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
LDR	Land Disposal Restrictions (RCRA)
LWAA	Land Withdrawal Act Amendments
M&EC	Materials and Energy Corporation
MLLW	Mixed Low-Level Waste
MTRU	Mixed Transuranic
MWIR	Mixed Waste Inventory Report
NMED	New Mexico Environment Department
ORNL	Oak Ridge National Laboratory
PCB	Polychlorinated Biphenyl
RCRA	Resource Conservation and Recovery Act
STP	Site Treatment Plan
TA	Technical Area
TRU	Transuranic
TSCA	Toxic Substances Control Act
UC	University of California
UTS	Universal Treatment Standards
WCS	Waste Control Specialists
WIPP	Waste Isolation Pilot Plant

1.0 INTRODUCTION

On October 4, 1995, the New Mexico Environment Department (NMED) issued a Federal Facility Compliance Order (FFCO) to the Department of Energy (DOE) and its management and operating contractor, the University of California (UC) Regents. The FFCO required Los Alamos National Laboratory (LANL) to implement the Site Treatment Plan (STP) for the treatment of mixed waste at LANL. The STP was written to address treatment capacities and technologies to treat all of LANL's mixed waste, regardless of the time it was generated. Section VII of the FFCO requires LANL to submit an Annual Site Treatment Plan Update to the NMED each year on or before March 31. On June 1, 2006 Los Alamos National Security, LLC (LANS) replaced UC as operating contractor of LANL at which time LANS assumed responsibility for compliance with the FFCO.

The STP contains two volumes, the Compliance Plan Volume (CPV) and the Background Volume (BV). The FFCO requires the Annual Update bring information in both volumes current to the end of the previous federal fiscal year (FY). The update to the BV provides the following information:

- The amount of each covered waste stored at LANL as follows: 1) the estimated volume in storage at the end of the previous fiscal year; and 2) the estimated volume anticipated to be placed in storage for the next five fiscal years;
- A progress report from the end of the previous federal fiscal year describing treatment progress and treatment technology development for each treatment facility and activity scheduled in the STP; a description, if applicable, of current or anticipated alternative treatment technology that is being evaluated for use instead of treatment technologies or capacities identified in the STP;
- A description of DOE's funding for STP-related activities and any funding issues that may affect the schedule;
- The status of the "No-Migration Variance Petition" or any treatability variances; and
- A progress report on characterization and/or treatment capabilities or plans for mixed transuranic waste (MTRU) related to the waste treatment standards, if any, for the DOE Waste Isolation Pilot Plant (WIPP) facility near Carlsbad, New Mexico.

This document constitutes the FY05 update to the BV.

2.0 AMOUNT OF EACH COVERED WASTE STORED AT LANL

2.1 MIXED LOW LEVEL WASTE (MLLW) INVENTORY

During FY05, MLLW covered inventories decreased from approximately 5.62 m³ to 3.65 m³. Table 2.1-1 summarizes changes to the estimated MLLW covered waste inventory for FY05. A total of 3.42 m³ of newly generated waste became covered during FY05 and 5.37 m³ of covered waste was treated, recycled, or disposed during the fiscal year. Each item in the MLLW covered waste inventory is verified during quality control activities for individual shipments for treatment and disposal or recycling. Inconsistencies may exist in treatability groups between the original

inventory reported when compared to actual shipments. These inconsistencies are reconciled annually, with the STP update, under Administrative Adjustments.

TABLE 2.1-1: FY05 MLLW Inventory Summary

Contribution	Volume (YB)
Estimated MLLW Inventory Reported in FY04 Annual Update	5.618
Proposed Revision 16.0	
Newly Generated Covered Waste	3.421
Off-site Treatment	(5.373)
Off-site Recycle	(0.00)
On-site Decontamination	(0.00)
Treatability Study Use	(0.00)
Administrative Adjustments	(0.019)
Proposed Deletion under FFCO Section V.B.	0.00
Estimated MLLW Inventory Reported in FY05 Annual Update	3.647

Table 2.1-2 below provides the detailed FY05 covered MLLW inventory changes by treatability group. Newly generated waste is waste that was generated in FY04 and became covered waste in FY05.

TABLE 2.1-2: FY05 MLLW Inventory Detailed Update by Treatability Group

CRV Sec.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Proposed FY05 Annual Update (m3)
3.1.1	LA-W901 IPA Wastes	0	0		0	0
3.1.1	LA-W902 Scintillation Fluids	0	0		0	0
3.1.2	LA-W903 Lead Blankets	0	0		0	0
3.1.2	LA-W904 Soil with Heavy Metals	0	0		0	0
3.1.2	LA-W905 ER Soils	0	0		0	0
3.1.3	LA-W906 Aqueous Organic Liquids	0.0001	-0.0001	Shipment to MEC 11/9/04	0	0

**FY05 Annual STP Update
Background Volume**

03/16/2006

WQV Seq	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision (m3)	Comments	FY05 Annual Update (m3)	Projection FY05 Update (m3)
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0	0		0	0
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0	0		0	0
3.1.5	LA-W912 Combustible Debris	0	0		0	0
3.1.5	LA-W921 Activated or Inseparable Lead	0	0		0	0
3.1.5	LA-W922 Noncombustible Debris	0	0		0	2
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0	0		0	0
3.1.6	LA-W914 Corrosive Solutions	0.0005	-0.0005	Shipped to Perma-Fix 11/9/04	0	0
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0	0		0	0
3.1.7	LA-W916 Water-Reactive Wastes	0	0		0	
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.3015	-0.1561 -0.1374	Shipped to Onyx 03/25/05 Shipped to Clean Harbors 03/25/05	0.0080	0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.8130	-0.2557 -0.3792 -0.0004 -0.1170 0.0080 -0.0005	Shipped to MEC 02/23/05 Shipped to Onyx 03/25/05 Shipped to PECOS 03/25/05/23/05 Shipped to Clean Harbors 03/25/24/05 Newly Generated Administrative Adjustment	0.0682	0

**FY05 Annual STP Update
Background Volume**

03/16/2006

GPV Seq.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Proposed FY05 Update (m3)
3.1.10	LA-W920 Elemental Mercury	0.053	-0.053	Shipped to Envirocare 02/08/05-11/9/04	0.0009	
			0.0009	Newly Generated		
3.1.11	LA-W907 Halogenated Organic Liquids	0	0		0	0
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0	0		0	0
3.1.11	LA-W909 Bulk Oils	0.2264	-0.2264	Shipped to Perma-Fix 12/13/04	0.2120	0
			0.2801	Shipped to Perma-Fix 12/13/04		
			-0.2801			
			0.212	Newly Generated		
3.1.11	LA-W910 PCB Wastes with RCRA Components	0.7949	-0.4550	Shipped to MEC 11/9/04	0.6322	2.2
			-0.1060	Shipped to MEC 11/9/04		
			-0.3217	Shipped to MEC 09/26/05		
			0.6322	Newly Generated		
			0.0879	Administrative Adjustment		
3.1.11	LA-W923 Liquid and Solid Oxidizers	0	0	0	0	0
3.2	LA-W924 Lead Wastes - TBD	0.2082	-0.2082	Shipped to Envirocare 9/21/05	0.2100	
			0.0151	Shipped to Envirocare 2/8/05		
			-0.0151			
			0.6245	Shipped to Envirocare 9/21/05		
			-0.6245			
			0.2100	Newly Generated		
3.2	LA-W925 Mercury Wastes - TBD	2.0090	-0.6184	Shipped to MEC 11/9/04	0.7779	1.5
			-0.0160	Shipped to MEC 11/9/04		
			-1.0410	Shipped to Envirocare 2/8/05		
			-0.0002	Shipped to MEC 09/26/05		
			0.3426	Newly Generated		
			0.1019	Administrative Adjustment		

**FY05 Annual STP Update
Background Volume**

03/16/2006

CPV Seq.	MYIR Waste ID and Treatability Group/Category	FY04 Annual Update (m ³)	Proposed Revisions/6 (m ³)	Comments	FY05 Annual Update (m ³)	Projections/6 (m ³)
3.2	LA-W926 Compressed Gases – TBD	0	0		0	0
3.2	LA-W927 Biochemical Laboratory Wastes	0	0		0	0
3.2	LA-W928 Dewatered Treatment Sludge	0	0		0	0
3.2	LA-W932 Explosives	0	0		0	
3.2	LA-W933 Lab Packs	0	0.0508 -0.0508 0.2120 -0.2120	Shipped to Perma-Fix 11/9/04 Shipped to Perma-Fix 5/9/05	0	2
3.2	LA-W934 High Activity Waste	1.2114	-0.0065 -0.0530 -0.0198 -0.0189 -0.2082 0.8328	Shipped to Perma-Fix 3/28/05 Shipped to MEC 3/28/05 Shipped to Duratek <u>3/28/05 8/23/05</u> Shipped to ARS for Lab Analysis Reclassified as MTRU Newly Generated	1.7378	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0	0		0	0
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0	0		0	0
3.3.3	LA-W931 Lead Requiring Sorting	0	0		0	0
3.4	Missing/ nonexistent/ TBV category	0	0		0	N/A
TOTALS		5.6180	-1.9708		3.6473	

2.2 MIXED TRANSURANIC (MTRU) INVENTORY SUMMARY

During FY05, MTRU covered inventories increased from approximately 4462.41 m³ to 4431.12 m³. Table 2.2-1 summarizes changes to the estimated MTRU covered waste inventory for FY05.

Table 2.2-1: Covered MTRU Inventory Summary

Description	Volume (m ³)
Covered MTRU Inventory Reported in FY04	4462.41
Covered MTRU Waste to WIPP	(114.19)
New Covered MTRU Waste	82.92
Covered MTRU Inventory At End of FY05	4431.12

The estimated covered MTRU waste inventory at LANL is described by treatability group in Table 2.2-2 below. This table presents the estimated volume of covered MTRU waste for each treatability group..

TABLE 2.2-2. FY05 Estimated Covered MTRU Inventory by Treatability Group

Waste Treatment Group Description	Estimated Covered Volume (CY)	Estimated Uncovered Volume (CY)	Estimated Covered Volume (CY)	Estimated Uncovered Volume (CY)	Estimated Covered Volume (CY)
SOLIDIFIED INORGANIC AND ORGANIC SOLIDS	146.25	0.00	-0.83	11.86	157.28
METALLIC WASTE	75.36	0.00	-0.83	0.00	74.53
RH METALLIC WASTE	16.83	0.00	0.00	0.00	16.83
GLASS WASTE	2.29	0.00	-0.21	0.00	2.08
NON-COMBUSTIBLE WASTE	84.50	0.00	-0.42	0.00	84.08
COMBINED COMBUSTIBLE AND NON-COMBUSTIBLE WASTE	2009.60	0.00	-34.32	70.85	2046.13
COMBUSTIBLE WASTE	202.98	0.00	-25.79	0.21	177.40
ORGANIC LIQUID	0.00	0.00	0.00	0.00	0.00
CEMENTED PROCESS SLUDGE	1903.27	0.00	-51.58	0.00	1851.69
LEADED GLOVEBOX GLOVES	21.33	0.00	-0.21	0.00	21.12
Total	4462.41	0.00	-107.45	82.91	4437.87

3.4 ON-SITE LEAD DECONTAMINATION

No LANL covered MLLW was decontaminated on-site during FY05.

3.5 TREATABILITY STUDIES

In FY05, DOE and UCLANS conducted no treatability studies.

TABLE 3.5-1: FY05 STP MLLW Treatability Studies

Waste Shipped	Destination	MWIR	Treatability Group	Volume (m ³)	Shipping Manifest No.	NAWL No.	STP Segment
Total Volume				0.00			

3.6 ADMINISTRATIVE ADJUSTMENTS AND CORRECTIONS

Administrative adjustments and corrections are due to discrepancies found during quality control activities related to preparing waste for treatment, inventory, and disposal or when preparing for the STP Annual Update. These adjustments may result in additions of newly identified covered waste, transfers of waste to other treatability groups, or transfers of waste to the *missing/nonexistent/TBV category* of the STP. A thorough data quality review is conducted annually to compare shipment notifications with shipping manifests against database updates. The discrepancies in the following table were discovered when preparing the FY05 Annual Update to the STP.

TABLE 3.6-1: Administrative Adjustments and Corrections

MWIR Waste ID	Treatability Group	Volume (m ³)	Comment	STP Segment
LA-W918	Compressed Gases Requiring Oxidation	(0.0005)	Volume Correction	3.1.9
LA-W910	PCB Waste with RCRA Components	0.08787	Excess Inventory Reported	3.1.11
LA-W925	Mercury Wastes TBD	0.1019	Excess Inventory Reported	3.2
LA-W934	High Activity	(0.2082)	Mixed Low-Level waste reclassified as Mixed TRU waste	3.2
<i>Net Total</i>		(0.0189)		

3.7 OTHER TYPES OF MIXED WASTE ACTIVITIES

No other MLLW activities were performed.

4.0 TREATMENT TECHNOLOGY DEVELOPMENT

During FY05, the availability of commercial and federal facility off-site treatment and disposal capacity for MLLW remained stable. As a result of DOE's increasing reliance on commercial treatment/disposal for mixed wastes, nearly all funding for onsite technology development has been reprioritized to support off-site treatment and disposal of mixed wastes. DOE treatment technology development initiatives are generally limited to specific technologies or technology adaptations in response to specific needs that cannot be addressed through commercial facilities.

4.1 TREATMENT TECHNOLOGIES BEING EVALUATED

DOE and UCLANS continue to monitor the development of other potential treatment technologies that may become available in the future. Some of these technologies are being developed at LANL and at other DOE sites. Numerous other commercially developed treatment processes exist which have not been demonstrated on mixed wastes.

4.1.1 Off-Site Commercial Treatment Facilities

M&EC is licensed for a technology to treat mercury-contaminated waste using amalgamation. The treatment consists of mixing proprietary amalgamation agents with the waste until the process analysis shows that the mercury was fully reacted. When the amalgamation is complete, the wastes is stabilized and sampled. The resultant product is a waste form suitable for land disposal. This mercury treatment process will be evaluated once it becomes available for low-level mixed waste treatment pending approval of a permit modification request.

4.1.2 Off-Site DOE Treatment Facilities

UCLANS staff at LANL will continue to evaluate off-site DOE-operated treatment facilities for their appropriateness to treat LANL STP waste.

Advanced Mixed Waste Treatment Project (AMWTP)

The Advanced Mixed Waste Treatment Project is located at the DOE Idaho National Engineering and Environmental Laboratory (INEEL). A contract was awarded to British Nuclear Fuels Limited, Inc. in December, 1996, for the treatment and supporting services for 65,000 cubic meters of alpha and MTRU waste. The project scope is to treat INEEL alpha and MTRU waste, as well as other DOE mixed wastes in the DOE complex. The AMWTP is expected to include waste vitrification, high force compaction, macroencapsulation, and mercury amalgamation.

• Hanford Site Solid Waste Program

The Hanford Site, located in Richland, Washington, operates waste treatment, storage and disposal facilities for the various types of radioactive waste. The site has lined RCRA Subtitle C land disposal units for mixed waste (referred to as the Mixed Waste Disposal Units, or Mixed Waste Trenches) and a number of unlined disposal units for non-mixed radioactive waste (referred to as the unlined Low-Level Burial Grounds). The Hanford site does not currently accept mixed waste from other DOE sites pending completion of Hanford's Solid Waste Environmental Impact Statement. However, the facility submitted a permit application in

November 2001 but does not anticipate approval before FY04. The facility will be evaluated once it becomes available for mixed low-level waste disposal.

5.0 DOE FUNDING FOR STP-RELATED ACTIVITIES

Funding to implement the LANL STP for mixed waste during FY05 was sufficient to meet all compliance dates as required by the STP issued on October 4, 1995. As stated in previous updates to the STP, funding is no longer available for development of mobile treatment units at LANL, but funding was provided during FY98, FY99, FY00, FY01, FY02, FY03, FY04 and FY05 for shipment of mixed waste offsite for treatment and disposal at DOE and commercial facilities. Funding during FY05 is also sufficient to meet all compliance dates established in the STP for FY05. Should funding reductions occur that would affect STP compliance dates, the DOE and UCLANS will so notify the NMED to address compliance schedules and activities.

The DOE Assistant Secretary for Environmental Management has initiated a long-range plan for its cleanup and waste management activities, with a goal of accelerating clean-up progress as much as possible before 2006. The plan, *Accelerating Cleanup: Paths to Closure*, includes sections for the LANL site that address MLLW and Transuranic (TRU) wastes that are currently in storage (legacy waste). Current funding targets for waste management in the draft *LANL Accelerating Cleanup: Paths to Closure* plan should allow UCLANS Staff at LANL to continue to meet all compliance dates in the STP, but assume that MTRU waste is not required to be treated to meet LDR before shipment to WIPP for disposal, as provided for in the WIPP Land Withdrawal Act Amendments.

Beginning in FY99, all newly generated MLLW with a disposal path was planned to be treated and disposed within one year if a treatment/disposal capability was available for the waste. All MLLW placed into storage before FY99 is planned to be treated and disposed before the end of FY07.

6.0 TREATMENT VARIANCES

The RCRA allows certain case-by-case variances from LDR standards. Variances that may be sought under the RCRA relate to requests for substitution of an alternative treatment technology in place of the LDR-required treatment technology. This section discusses any potential treatment variances related to LANL's covered waste, as described below.

6.1 WIPP NO-MIGRATION VARIANCE PETITION/LANL WITHDRAWAL ACT AMENDMENTS

The WIPP is a DOE facility located near Carlsbad, New Mexico, as a repository for the TRU waste that was generated by the nation's defense-related activities. Some of the TRU waste contains hazardous waste constituents regulated under the RCRA.

The WIPP repository is considered to be a deep geologic repository rather than a shallow landfill. It is wholly sited 2,100 ft below the land surface in a salt bed. Because salt has the advantageous characteristic of slow plastic deformation, it is predicted that the salt will entomb the waste and

seal it from the human environment, making potential release of hazardous constituents a low-probability event.

The Land Withdrawal Act Amendments of 1996 (LWAA) (PL 104-201, Section 3188) exempts waste designated by the Secretary of Energy for disposal at WIPP from RCRA's LDRs. Following passage of the LWAA, EPA terminated its review of the No-Migration Variance Petition, submitted by DOE to EPA in May 1995. EPA formalized its withdrawal by letter to George Dials, DOE/Carlsbad Area Office manager, dated December 29, 1997.

On October 29, 1996, DOE submitted its Compliance Certification Application (CCA) to EPA. The CCA is intended to demonstrate to EPA that WIPP meets the requirements of Title 40 of the Code of Federal Regulations (40 CFR) Part 191 and 40 CFR Part 194. On October 23, 1997, EPA announced its proposed decision to issue a certification of compliance, subject to a number of specified conditions and to a public comment period of 120 days. On May 18, 1998, EPA published in the Federal Register (63 FR 27354) its final rule certifying that WIPP will comply with the requirements of Subparts B and C of 40 CFR Part 191 and amending the WIPP compliance criteria in 40 CFR Part 194. The final rule became effective June 17, 1998. On March 25, 1999, WIPP received its first shipment of non-mixed (radioactive only) TRU waste from Los Alamos. Other facilities have also shipped non-mixed TRU waste to WIPP. The New Mexico Environment Department issued a hazardous waste permit for WIPP on October 27, 1999, authorizing the DOE to manage, store, and dispose of contact-handled TRU mixed waste at the facility.

6.2 OTHER TREATMENT VARIANCE (S)

No treatment variances were requested or granted in FY05.

7.0 WIPP FACILITY CAPABILITIES

As discussed above, the DOE is planning to dispose of its defense TRU waste, both mixed and nonhazardous, in its deep geologic depository at the WIPP near Carlsbad, New Mexico. This facility is a receiving and disposal facility, without the capability of routinely opening and repackaging waste. TRU waste will already be containerized when received at the WIPP facility. The WIPP facility is not a generator of TRU waste, and therefore will receive all of the waste in shipments from off-site.

7.1 CHARACTERIZATION CAPABILITIES AT WIPP

No capabilities for characterization of TRU waste or hazardous waste constituents regulated by the RCRA were developed at the WIPP facility. During the present fiscal year, DOE is planning to resubmit permit modification requests that would lay the groundwork to accelerate cleanup at sites with small quantities of TRU waste (6,000 drums or less). Under this plan, generator/storage sites would characterize their waste. The DOE originally submitted this permit modification in July 2000. After hearing stakeholder concerns, the DOE withdrew the modification request and has subsequently resubmitted in FY02.

7.2 MTRU TREATMENT CAPABILITIES AND PLANS

No capabilities for treatment of MTRU to meet the LDR standards were developed at the WIPP facility. As described above, the LWAA exempted wastes designated by the Secretary of Energy for disposal at the WIPP from this requirement.

8.0 REFERENCES

1. "Federal Facility Compliance Order (Los Alamos National Laboratory)" New Mexico Environment Department (October 4, 1995)
2. "Hazardous Waste Report for Los Alamos National Laboratory" Volumes I and II, ESH-19, Los Alamos National Laboratory (February 1996)
3. "Transuranic Waste Baseline Inventory Report Revision 3", US Department of Energy, Carlsbad Area Office (December 1995)
4. "AL Mixed Waste Treatment Plan", Los Alamos National Laboratory (March 1994)
5. Congress, 1996. Text of Public Law 104-201, Congressional Record dated September 23, 1996, Amendment to Public Law 102-579, 1992 Waste Isolation Pilot Plant Land Withdrawal Act (106 Stat. 4777)
6. "Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1995" (March 1996).
7. "Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1996" (March 1997).
8. "Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1997" (March 1998).
9. "Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1998" (March 1999).
10. "Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1999" (December 1999).
11. "Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 10.0" (August 2000).
12. "Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 11.0" (April 2001)
13. 40 CFR Part 194, Criteria for the Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR Part 191 Disposal Regulations: Certification Decision; Proposed Rule" (Federal Register V.62, No. 210, Oct. 30 1997, pp. 58792-58838
14. "Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 12.0" (March 2002)
15. Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 13.0" (March 2003)
16. Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 14.0" (March 2004)
17. Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 15.0" (March 2005)

*Los Alamos National Laboratory
Federal Facility Compliance Order
Annual Site Treatment Plan Update
for Fiscal Year 2005*

Compliance Plan Volume

LA-UR-06-1921

March 16, 2006

Los Alamos

NATIONAL LABORATORY

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provisions of Section X, "Revisions," and Section XI, "Other Amendments to the STP," of the October 4, 1995 Federal Facility Compliance Order, as amended and revised. CPV Appendix A, *Summary of STP/FFCO Chronology*, provides a summary of these CPV changes and of modifications to the FFCO since its issuance. Revision 15.0 was proposed and approved during FY05.

2.1 REVISIONS AND AMENDMENTS PROPOSED IN FY04 AND APPROVED IN FY05

Revision 15.0 was submitted to NMED on March 18, 2005, and was approved on August 16, 2005 after a 30-day public comment period. The purpose of this revision request was to reflect changes in the mixed low-level waste inventories in the LANL CPV of the STP, as described in the Fiscal Year 2004 STP Annual Update. The STP covered waste inventory increased with the addition of newly covered waste during FY05, and decreased with shipments for treatment, recycle or disposal of covered wastes during FY05.

TABLE 2.1 A: EXPEDITED SHIPMENT LETTERS

Requestor Expedited Shipment Letter Date	STP Section	MWIR Waste ID	Treatability Group	Volume Proposed to Ship (kV)
11/1/04	3.2	LA-W933	Labpacks	0.04
11/1/04	3.2	LA-W925	Mercury Wastes - TBD	0.0205
11/22/04	3.1.11	LA-W909	Bulk Oils	0.5065
1/27/05	3.2	LA-W924	Lead wastes -TBD	0.010
4/28/05	3.2	LA-W933	Labpacks	0.2120
8/30/05	3.2	LA-W921*	Activated or Inseparable Lead	0.0189 0.6246

* Reported as LA-W924 Lead Wastes - TBD in Table 2.1-2 of the FY05 Background Volume

LANL asked for expedited shipment of "Labpacks" MWIR Waste ID LA-W933 waste items to be included in Revision 16 in a letter to NMED dated November 1, 2004.

LANL asked for expedited shipment of "Mercury Wastes - TBD" MWIR Waste ID LA-W925 waste items to be included in Revision 16 in a letter to NMED dated November 1, 2004.

LANL asked for expedited shipment of "Bulk Oils" MWIR Waste ID LA-W909 waste items to be included in Revision 16 in a letter to NMED dated November 22, 2004.

LANL asked for expedited shipment of "Lead wastes -TBD" MWIR Waste ID LA-W924 waste items to be included in Revision 16 in a letter to NMED dated January 27, 2005.

LANL asked for expedited shipment of "Labpacks" MWIR Waste ID LA-W933 waste items to be included in Revision 16 in a letter to NMED dated April 28, 2005.

LANL asked for expedited shipment of "Activated or Inseparable Lead" MWIR Waste ID LA-W921 waste items to be included in Revision 16 in a letter to NMED dated August 30, 2005.

TABLE 2.1 B: FY05 CORRESPONDENCE

<u>Letter Date</u>	<u>Description</u>	<u>Letter Numbr.</u>
<u>11/1/04</u>	<u>Request for expedited shipment</u>	<u>SWRC:04-077</u>
<u>11/1/04</u>	<u>Request for expedited shipment</u>	<u>SWRC:04-078</u>
<u>11/22/04</u>	<u>Request for expedited shipment</u>	<u>SWRC:04-084</u>
<u>12/20/04</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:04-095</u>
<u>12/20/04</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:04-0965</u>
<u>1/27/05</u>	<u>Request for expedited shipment</u>	<u>SWRC:05-004</u>
<u>3/16/05</u>	<u>Notice of completion of milestone</u>	<u>SWRC:05-018</u>
<u>3/18/05</u>	<u>STP FY04 Update transmittal letter</u>	<u>SWRC:05-017</u>
<u>3/18/04</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-019</u>
<u>4/28/05</u>	<u>Request for expedited shipment</u>	<u>SWRC:05-027</u>
<u>5/3/05</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-028</u>
<u>5/3/05</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-029</u>
<u>6/7/05</u>	<u>Response to NMED comments on STP FY04 update</u>	<u>SWRC:05036</u>
<u>6/8/05</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-038</u>
<u>6/21/05</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-042</u>
<u>8/30/05</u>	<u>Request for expedited shipment</u>	<u>SWRC:05-059</u>
<u>10/5/05*</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-067</u>
<u>11/3/05*</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-073</u>
<u>11/4/05*</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:05-074</u>
<u>3/13/06</u>	<u>Proposed FY05 Administrative Adjustments</u>	<u>SWRC:06-016</u>
<u>3/14/06*</u>	<u>Notice of completion of off-site waste shipment</u>	<u>SWRC:06-017</u>

* Notices for waste shipped in FY05

**LOS ALAMOS NATIONAL LABORATORY SITE TREATMENT PLAN
PROPOSED REVISION 16.0**

**LOS ALAMOS NATIONAL LABORATORY FEDERAL FACILITY
COMPLIANCE ORDER**

The purpose of this revision request is to reflect changes in the mixed low-level waste (MLLW) inventories in the Los Alamos National Laboratory (LANL) Compliance Plan Volume (CPV) of the Site Treatment Plan (STP), as described in the Fiscal Year 2005 (FY05) STP *Annual Update*. The changes proposed by this revision to the CPV will allow the added covered wastes to be treated or otherwise managed in accordance with the Activities and Compliance Dates pertaining to each treatability group, as adopted or revised herein. The CPV text changes are indicated in the redline, strikeout version provided in Enclosure D. The revised CPV "clean copy" text is provided as Enclosure E.

Section X.C.2.a. of Federal Facility Compliance Order (Los Alamos National Laboratory): Detailed description of the proposed revision.

The Department of Energy (DOE) and ~~the University of California (UC)~~ Los Alamos National Security, LLC are proposing to revise the Compliance Plan Volume text to reflect the following changes in MLLW covered waste inventories, as described in the FY05 STP *Annual Update*:

- Increases and decreases in covered mixed waste inventories due to the addition of newly covered waste, recycling, and off-site shipments during FY05;
- Extensions of Milestone Activity dates relative to changes in covered mixed waste inventories and current treatment capabilities.

The volume changes are proposed in accordance with the applicable requirements in the FFCO, as amended: Section VIII, "*Addition of New Covered Waste*"; Section X.B.4, "*Revisions*"; and Section XI, "*Deletion of Waste.*"

Addition of newly covered waste

DOE and ~~UCLANS~~ are requesting that the following waste be added to the STP as covered waste, as described also in the FY05 STP *Annual Update*. The total volume of covered waste that is requested for addition is 2.2385 cubic meters.

Table X.C.2.a.-1: Proposed Addition of Newly Covered Waste

CPV Section	MWIR Waste ID	Treatability Group	Volume (m ³)
3.1.9	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	0.0080
3.1.10	LA-W920	<i>Elemental Mercury</i>	0.0009
3.1.11	LA-W909	<i>Bulk Oils</i>	0.2120
3.1.11	LA-W910	<i>PCB Wastes with RCRA Components</i>	0.6322
3.2	LA-W924	<i>Lead Wastes – TBD</i>	0.2100
3.2	LA-W925	<i>Mercury Wastes – TBD</i>	0.3426
3.2	LA-W934	<i>High Activity Wastes</i>	0.8328
Total			2.2385

The total volume of newly covered MTRU waste that is requested for addition is 82.91 cubic meters.

Deletion of covered waste

DOE and UCLANS are requesting that the following covered waste be deleted from the STP, as also described in the FY05 STP *Annual Update*. These covered wastes were either shipped off-site for treatment and disposal or recycling; treated on-site for lead decontamination; or used in treatability studies. The total volume of covered waste that is requested for deletion under this Revision to the CPV is 5.37 cubic meters.

Table X.C.2.a.-2: FY05 STP MLLW Off-Site Shipments for Treatment

Date Shipped	Destination	MWIR Waste ID	Treatability Group	Vol. (m ³)	Shipping Manifest No.	Date Shipped	CPV Section
11/9/2004	MEC	LA-W910	<i>PCB Wastes with RCRA Components</i>	0.455	5010	12/20/2004	3.1.11
11/9/2004	MEC	LA-W920	<i>Elemental Mercury</i>	0.053	5006	12/20/2004	3.1.10
11/9/2004	MEC	LA-W925	<i>Mercury Wastes – TBD</i>	0.6184	5006	12/20/2004	3.2
11/9/2004	MEC	LA-W925	<i>Mercury Wastes – TBD</i>	0.016	5007	3/14/2006	3.2
11/9/2004	MEC	LA-W906	<i>Aqueous Organic Liquids</i>	0.0001	5016	3/14/2006	3.1.3
11/9/2004	MEC	LA-W910	<i>PCB Wastes with RCRA Components</i>	0.1061	5016	3/14/2006	3.1.11
11/9/2004	Perma-Fix	LA-W914	<i>Corrosive Solutions</i>	0.0005	5026	3/14/2006	3.1.6
11/9/2004	Perma-Fix	LA-W933	<i>Lab Packs</i>	0.0508	5026	3/14/2006	3.1.6
12/13/2004	Perma-Fix	LA-W909	<i>Bulk Oils</i>	0.5064	5044	3/14/2006	3.1.11
2/8/2005	Envirocare	LA-W925	<i>Mercury Wastes – TBD</i>	1.041	5093	3/18/2005	3.2
2/8/2005	Envirocare	LA-W924	<i>Lead Wastes – TBD</i>	0.0151	5095	3/18/2005	3.2
2/23/2005	MEC	LA-W918	<i>Compressed Gases Requiring Oxidation</i>	0.2557	5108	3/18/2005	3.1.9

Waste ID	Destination	MWIR	Treatability Group	Volume (cu ft)	Significance	Notes
Total Volume				0.00		

Adjustments to the original (October 4, 1995) STP covered waste inventory

DOE and UCLANS are requesting the following adjustments to the original (October 4, 1995) STP covered waste inventory. Most administrative adjustments are due to discrepancies found during quality control activities related to preparing waste for treatment and disposal. These adjustments result in additions of newly found covered waste, transfers of waste to other treatability groups, or transfers of waste to the missing/nonexistent/TBV category of the STP. Other administrative adjustments are due to further characterization of waste resulting in transfers to other treatability groups.

Table X.C.2.a.-6: Proposed Administrative Adjustments

MWIR Waste ID	Treatability Group	Volume (cu ft)	Compliance	Significance
LA-W918	Compressed Gases Requiring Oxidation	(0.0005)	Volume Correction	3.1.9
LA-W910	PCB Waste with RCRA Components	0.08787	Excess Inventory Reported	3.1.11
LA-W925	Mercury Wastes TBD	0.1019	Excess Inventory Reported	3.2
LA-W934	High Activity	(0.2082)	Mixed Low-Level waste reclassified as Mixed TRU waste	3.2
<i>Net Total</i>		(0.0189)		

Extension of Compliance Date for Milestone Activity 3.1.8(A) “Compressed Gases Requiring Scrubbing” LA-W917

DOE and UCLANS are proposing the extension of CPV Milestone Activity 3.1.8 (A), “Complete shipping waste or complete parallel option,” for Treatability Group, “Compressed Gases Requiring Scrubbing,” MWIR Waste ID LA-W917, from the Compliance Date of “08/09/06” to the Compliance Date of “08/09/07.” An extension of this Compliance Date is requested because there is no path forward at this time for this wastestream. It is hoped that radioactivity will have decayed to an amount acceptable to commercial TSDFs, or that the items will be found amenable to treatability studies, and can be removed from inventory by 08/09/07.

Extension of Compliance Date for Milestone Activity 3.1.9 (A) “Compressed Gases Requiring Oxidation” LA-W918

DOE and UCLANS are proposing the extension of CPV Milestone Activity 3.1.9 (A), "Complete shipping waste or complete parallel option," for Treatability Group, "Compressed Gases Requiring Oxidation," MWIR Waste ID LA-W918, from the Compliance Date of "08/09/06" to the Compliance Date of "08/09/07." An extension of this Compliance Date is requested because there is no path forward at this time for some items within this newly covered wastestream and to secure offsite treatment options for the other items. It is hoped that radioactivity will have decayed to an amount acceptable to commercial TSDFs, or that the items will be found amenable to treatability studies, and can be removed from inventory by 08/09/07.

Extension of Compliance Date for Milestone Activity 3.1.10(A) "Elemental Mercury" LA-W920"

DOE and UCLANS are proposing the extension of CPV Milestone Activity 3.1.10 (A), "Complete shipping waste or complete parallel option," for Treatability Group, "Elemental Mercury," MWIR Waste ID LA-W920, from the Compliance Date of "12/20/04" to the Compliance Date of "08/31/07." An extension of this Compliance Date is requested to secure offsite treatment and to complete shipment of because there is no path forward at this time for this newly covered generated wastestream.

Extension of Compliance Date for Milestone Activity 3.1.11(A) "Bulk Oils" LA-W909 and "PCB Wastes with RCRA Components" LA-W910

DOE and UCLANS are proposing the extension of CPV Milestone Activity 3.1.11 (A), "Complete shipping waste or complete parallel option," for Treatability Groups, "Bulk Oils," MWIR Waste ID LA-W909 and "PCB Wastes with RCRA Components," MWIR Waste ID LA-W910, from the Compliance Date of "12/31/05" to the Compliance Date of "12/31/07." An extension of this Compliance Date is requested to secure offsite treatment and to complete shipment because there is no path forward at this time for of this newly covered generated wastestream.

Extension of Compliance Date for Milestone Activity 3.2(J) "Lead Wastes - TBD" LA-W924, "Mercury Wastes - TBD" LA-W925 and "High Activity Waste" LA-W934

DOE and UCLANS are proposing the extension of CPV Milestone Activity 3.2 (J), "Complete shipping waste or complete parallel option," for Treatability Groups, "Lead Wastes - TBD," MWIR Waste ID LA-W924, "Mercury Wastes - TBD," MWIR Waste ID LA-W925, and "High Activity Waste" MWIR Waste ID LA-W934 from the Compliance Date of "12/31/06" to the Compliance Date of "12/31/07." An extension of this Compliance Date is requested because there is no path forward at this time for this newly covered some items within these wastestreams. It is hoped that radioactivity will have decayed to an amount acceptable to commercial TSDFs, or that the items will be found amenable to treatability studies, and can be removed from inventory by 12/31/07.

Section X.C.2.b. of Federal Facility Compliance Order (Los Alamos National Laboratory): Rationale for the proposed revision.

Addition of newly covered waste

The increases in covered waste inventory as of the end of FY05 are attributed primarily to waste that was newly generated in FY04 which was not treated within 12 months of generation, thereby becoming covered waste during FY05. Approval of these proposed additions to the STP inventory will allow the added covered wastes to be treated or otherwise managed in accordance with the activities and compliance dates pertaining to each treatability group, as adopted or revised herein.

Deletion of covered waste

The decreases in covered waste inventory reflect the treatment and disposal or recycling of covered waste at off-site commercial facilities, or the participation in treatability studies during FY05. Deletion of this covered waste is proposed in order to more accurately reflect the ~~DOE and UCLANL~~ STP inventory as of the end of FY05.

Adjustments to the original (October 4, 1995) STP covered waste inventory

Administrative adjustments are due to discrepancies found during quality control activities related to preparing waste for treatment and disposal. These adjustments result in additions of newly found covered waste, transfers of waste to other treatability groups, or transfers of waste to the *missing/nonexistent/TBV category* of the STP. The adjustments to the original (October 4, 1995) STP covered waste inventory are proposed in order to more accurately reflect the ~~DOE and UCLANL~~ STP inventory as of the end of FY05.

Section X.C.2.c. of Federal Facility Compliance Order (Los Alamos National Laboratory): Anticipated length of any delay in performance.

No delay in performance is anticipated for any other proposals stated in this requested revision to the Compliance Plan Volume of the Site Treatment Plan.

Section X.C.2.d. of Federal Facility Compliance Order (Los Alamos National Laboratory): Plan and schedule for implementing all reasonable measures.

All other measures proposed could be implemented within the framework of the existing plan and schedule for the STP.

Enclosure 2

Correspondence to NMED

1. *“On any correspondence related to a volume of waste shipped and returned to Permittees, whether it be a correction or return from assay, please reference previous manifest number(s) and date(s) of previous related correspondence to NMED.”*

LANL will reference the manifest number for returned waste. Please note that assay samples are not manifested so for such returns a manifest number cannot be provided.

2. *“Any correspondence related to mixed transuranic (MTRU) waste should include the treatability group category in the subject line and text of the letter.”*

LANL will provide a treatability group category.

3. *“On all correspondence where waste volumes are listed, please include four significant digits after the decimal.”*

LANL has been providing volume measurements to 4 decimal places and will continue to do so. However, please note that extending the value to 4 decimals implies a precision of .0001 m³ (100 milliliters). In many cases that level of reported precision is not achievable and the figures will not be significant. In order to reconcile annual STP waste inventories, LANL may need to use administrative adjustments to account for differences caused by errors generated from reporting waste volumes to four decimal places.

4. *“All administrative adjustments should be documented with correspondence to NMED prior to submission of the annual revision.”*

LANL will provide the requested documentation.

5. *“In reporting any notice of FFCO activity to NMED that includes manifests, Permittees should clearly identify FFCO waste. Permittees should include container numbers and pounds or kilograms converted into cubic meters in the transmittal letter to the submitted manifest. On the manifest itself LANL should include a separate line(s) and designate STP LLMW when shipping other than FFCO waste on a manifest.”*

LANL historically has tracked STP covered waste using unique waste item numbers rather than container numbers. A manifest reports container numbers and not individual item numbers packaged inside a container. Further, the STP tracks the volume (in cubic meters) of STP covered waste items rather than the mass of STP covered items. A manifest typically reports the overall weight in kilograms of a container and not individual items within a container. Without knowing the density of each container and each item, it will not be possible to accurately convert the weight of a container shown on a manifest to an STP covered waste item volume. However, LANL will indicate in the manifest additional description box comment section any containers that are STP covered waste.

STP Format Changes:

1. *“Some letters are sent to NMED that are not dated within the fiscal year but are covered in the previous fiscal year’s annual revision. This usually happens because the cutoff date for the revision is the date of actual shipment to an offsite treatment, storage or disposal facility (TSDF), not the date of notification to NMED. For clarification, NMED requires the Permittees include a table in the STP listing each letter to NMED in chronological order that is related to the submitted annual revision.”*

Section 2.1 of the Compliance Volume lists the letters sent on expedited shipments. A table of correspondence as requested will also be added.

2. *“Historically waste volumes have been recorded to two significant digits in the STP. This is misleading for example when volumes are shown as 0.0 and in reality may be 0.001. NMED requires an amendment to the STP requiring reporting waste volumes to four significant digits after the decimal.”*

As requested by NMED, LANL extended the cubic meter waste volumes in the FY05 STP update to four decimal places. LANL will continue to do so. However as discussed above, the waste cannot always precisely be measured to 4 decimals place, so such a practice may introduce an inherent error to reported volumes.

3. *“As discussed in a telephone conversation between Albert Dye and Lee Winn on May 9, 2005, the FFCO requires the Permittees to include milestone dates for newly covered waste. The FFCO section VIII. Addition of New Covered Waste, paragraph B. requires “a description of the applicable waste code, waste form, volumes, technology and capacity needs, and schedules for treatment or developing treatment technology for each such covered [newly covered] waste consistent with the relevant provisions of this Order.” Therefore, Permittees must include a compliance plan volume milestone date for each newly generated waste in accordance with FFCO section VII. Annual Site Treatment Plan Updates paragraph B. Compliance Plan Volume.”*

LANL will propose compliance dates for any newly generated covered STP waste. Because the stored volumes of the newly generated waste are dynamic, over the course of a fiscal year the STP may propose a compliance date while also showing that the waste has been sent offsite for treatment.

4. *“For covered MTRU waste (e.g. Table 2.2-2. FY04 Estimated Covered MTRU Inventory by Treatability Group), in addition to the treatability group, amend the table to provide the Mixed Waste Inventory Report MWIR number and revise this table to be similar to Table 2.1-2: MLLW Inventory Detailed Update by Treatability Group with all appropriate headings. With this format change NMED will be able to more readily verify the inventory reported to NMED and U.S. Environmental Protection Agency.”*

In discussions, representatives of the NMED HWB have requested the MTRU waste volume summaries shown in Table 2.2-2 be categorized according to the DOE 1995 mixed TRU

Waste Baseline Inventory Report numbers (TWBIR). It is our understanding that the TWBIR number system has become somewhat archaic and is not consistently used within the DOE complex. LANL requests the original format for Table 2.2-2 be maintained for the current STP update.



Environment, Safety, Health & Quality
P.O. Box 1663, MS K491
Los Alamos, New Mexico 87545
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National Nuclear Security Administration
Los Alamos Site Office, MS A316
528 35th Street
Los Alamos, New Mexico 87544
(505) 667-7203/FAX (505) 665-4504

Date: September 25, 2006
Refer To: ESH&Q-06-032

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

SUBJECT: RESPONSE TO THE NEW MEXICO ENVIRONMENT DEPARTMENT (NMED) REQUEST TO USE THE 1995 TRANSURANIC WASTE BASELINE INVENTORY REPORT NUMBERING SYSTEM IN THE ANNUAL SITE TREATMENT PLAN UPDATE

Dear Ms. Winn:

In a letter dated February 28, 2006 to James Nunz of the Department of Energy's Los Alamos Site Office and Albert Dye of the Los Alamos National Laboratory you requested additional information to be included in the FY 2005 Annual Site Treatment Plan (STP) update. The requested information mostly concerned issues on the reporting of mixed low-level waste and those issues are addressed in a letter sent under separate cover. The purpose of this letter is to address the issue on the reporting of mixed transuranic (MTRU) waste in the STP. On that, you requested the following:

"For covered MTRU waste (e.g. Table 2.2-2. FY04 Estimated Covered MTRU Inventory by Treatability Group), in addition to the treatability group, amend the table to provide the Mixed Waste Inventory Report MWIR number and revise this table to be similar to Table 2.1-2: MLLW Inventory Detailed Update by Treatability Group with all appropriate headings. With this format change NMED will be able to more readily verify the inventory reported to NMED and U.S. Environmental Protection Agency."

In response to your request, LANL staff attempted to categorize the MTRU waste shown in the FY 2005 Background Volume Annual STP Update Table 2.1-2 using the 1995 Transuranic Waste Baseline Inventory Report (TWBIR) waste stream numbers. LANL does not use the TWBIR numbering system for tracking its TRU waste.

Therefore, the LANL staff had to make subjective estimates on grouping the MTRU volumes according to TWBIR number. That effort was reflected in the FY 2005 Annual STP Update submitted to your office in March 2006. Upon NMED review of the FY 2005 STP Update, LANL staff was informed by NMED during subsequent telephone conversations and e-mail message exchanges that incorrect TWBIR numbers were used to categorize the waste volumes reported in Table 2.1-2.

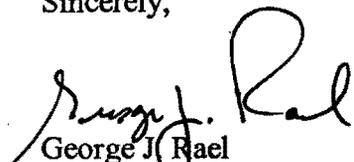
After extended discussions with DOE staff and LANL Waste Operations personnel it has become evident that it may not be possible to categorize LANL's MTRU waste in a manner that will allow NMED to achieve its stated goal, i.e., being "...able to more readily verify the inventory reported to NMED and U.S. Environmental Protection Agency."

The problems with categorizing mixed TRU waste according to the TWBIR number are:

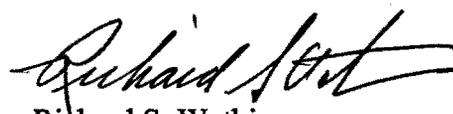
1. The 1995 TWBIR is an antiquated system no longer in use within the DOE complex. The waste volumes in that report were, at best, rough estimates of the amount of TRU waste stored at the various DOE facilities. Since that report, there have been at least two major revisions to TWBIR; the 1996 TWBIR Revision 3 and the 2003 Waste Stream Update. A crosswalk of TWBIR revisions 2-3 to the 2003 Update Report Waste Streams attachment from the 2004 WIPP re-certification application is attached; only the pages directly applicable to LANL are included. As seen in the attachment, the 2003 Waste Streams Update in many instances replaces a single TWBIR code with numerous waste stream codes. For example, the 1996 TWBIR Revision 2 category "LA-W005" has been replaced with twenty-three distinct 2003 Waste Stream Update codes. Further, there is not a one-to-one conversion between the TWBIR Revision 2 and 2003 codes. The 2003 code "LA-TA-55-30" corresponds to ten different TWBIR Revision 2 codes (LA-T001, LA-T004, LA-T005, LA-T006, LA-T009, LA-W001, LA-W004, LA-W005, LA-W006, LA-W066). As such, it is very difficult to provide accurate volumes based on the TWBIR codes.
2. MTRU waste at LANL is characterized on acceptable knowledge provided by the waste generators. Both TRU and MTRU waste transferred to the WIPP Central Characterization Project (CCP) may be re-categorized by CCP personnel based on WIPP requirements. Therefore waste volume reports from WIPP may not match the data managed by LANL and reported in the STP.

Based on these difficulties it is requested that you not require the FY 2005 STP Update Table 2.1-2 to include the TWBIR waste categories. If you deem it necessary to have the TWBIR codes in the STP, then please be aware of the limitations involved when comparing the LANL MTRU data with that reported by WIPP. The DOE will review facility policies regarding tracking of MTRU waste and, if needed, will propose modifications to those policies. Please contact Mr. Albert Dye at (505) 667-4715 or by email at dyea@lanl.gov, or Mr. James Nunz at (505) 667-0573 or by email jnunz@doeal.gov, if you have any questions on the STP.

Sincerely,


George J. Rael
DOE Acting Assistant
Manager for Environmental Operations

Sincerely,


Richard S. Watkins
LANL Associate Director
Environment, Safety, Health, and Quality

GPR:RSW:AD/lm

Enclosures: a/s

Cy: James Bearzi, NMED/HWD, Santa Fe, NM, w/enc.
James Nunz, NNSA/LASO, w/enc., MS A316
Gene Turner, NNSA/LASO, w/enc., MS A316
Jan A. Van Prooyen, PADOPS, w/enc., MS A102
Tori George, ENV-DO, w/enc., MS J978
Gerald O'Leary, TWDP, w/enc., MS J910
Davis Christensen, WS-TWPS, w/enc., MS J595
Albert Dye, ENV-RCRA, w/enc., MS K490
ENV-RCRA File (06-057), w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

ANNEX C to ATTACHMENT F

**CROSSWALK OF TRANSURANIC WASTE BASELINE INVENTORY REPORT REVISION
2/3 AND 2003 UPDATE WASTE STREAMS**

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39 **Table DATA-F-C-3. Battelle Columbus Laboratories Crosswalk of Waste Streams**

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41 **Table DATA-F-C-4. Energy Technology and Engineering Center Crosswalk of**

42 **Waste Streams TWBIR Revision 2 vs 2003 Update Report..... 5**

1 **DATA-F-C-1.11.1 Redefinition of Waste Streams**

2 *Following the guidance in the draft WIPP Waste Analysis Plan (WAP) (NMED 1999), LANL*
 3 *reorganized waste streams beginning in 1998 with publication of the "LANL Waste*
 4 *Characterization Sampling Plan, R.0." Waste streams in the 1996 TWBIR were defined based*
 5 *on major waste material parameter content (e.g., metals, combustible debris, etc.). These were*
 6 *further subdivided beginning in 1998 according to the waste generation facility. Waste stream*
 7 *assignments, especially involving the mixed or non-mixed status of wastes, were further*
 8 *refined using additional acceptable knowledge studies in subsequent versions of the*
 9 *"Acceptable Knowledge Information Summary." There is no simple rule for correspondence*
 10 *in waste stream assignment between the two submittals; improved AK resulted in numerous*
 11 *waste stream reassignments.*

12 **DATA-F-C-1.11.2 Addition of Waste**

13 *Los Alamos National Laboratory (LANL) continues to generate waste – approximately 1,600*
 14 *containers were generated between 1996 and the latest 2003 Update submittal. These have*
 15 *been added to the LANL inventory in the latest data submittal.*

16 **DATA-F-C-1.11.3 Radiography Characterization Data**

17 *LANL has obtained real-time radiography (RTR) data for about 5,000 waste drums from*
 18 *almost all of the defined waste streams. This actual data has been used to complete the*
 19 *information on average, minimum, and maximum waste material parameter content for each*
 20 *waste stream. Isotopic information for each waste stream is still based primarily on AK*
 21 *(generator assays).*

22 *Table DATA-F-C-9 contains the crosswalk of waste streams from TWBIR Revision 2 to the*
 23 *2003 Update Report for the LANL.*

**Table DATA-F-C-9. Los Alamos National Laboratory Crosswalk of Waste Streams
 TWBIR Revision 2 vs 2003 Update Report**

<i>TWBIR Revision 2 Waste Streams</i>	<i>2003 Update Report Waste Streams</i>
<i>LA-M002</i>	<i>LA-TA-00-05, LA-TA-03-28, LA-TA-21-13, LA-TA-21-43, LA-TA-50-17, LA-TA-50-18</i>
<i>LA-T001</i>	<i>LA-TA-00-01, LA-TA-21-42, LA-TA-50-15, LA-TA-55-19, LA-TA-55-30, LA-TA-55-44</i>
<i>LA-T002</i>	<i>LA-TA-50-17</i>
<i>N/A</i>	<i>LA-0S-00-01</i>
<i>LA-T004</i>	<i>LA-1T-00-01, LA-PX-00-01, LA-TA-00-02, LA-TA-00-05, LA-TA-00-06, LA-TA-03-12, LA-TA-03-13, LA-TA-03-19, LA-TA-03-20, LA-TA-03-24, LA-TA-03-26, LA-TA-03-30, LA-TA-21-06, LA-TA-21-12, LA-TA-21-15, LA-TA-21-42, LA-TA-48-01, LA-TA-50-11, LA-TA-50-15, LA-TA-50-40, LA-TA-55-19, LA-TA-55-20, LA-TA-55-21, LA-TA-55-30, LA-TA-55-33, LA-TA-55-38, LA-TA-55-43, LA-TA-55-44, LA-TA-55-48, LA-TA-55-49</i>

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DATA-F-C-1.0 INTRODUCTION

This 2003 Update Report contains the update to the Transuranic Waste Baseline Inventory Report, Revision 2 (TWBIR Revision 2) (DOE 1995) and TWBIR Revision 3 (DOE 1996). The U.S. Environmental Protection Agency (EPA) is interested in the differences in the inventory between TWBIR Revisions 2/3 and this 2003 Update Report. The EPA used the TWBIR Revisions 2/3 data for the Compliance Certification Decision (EPA 1998) to initially certify Waste Isolation Pilot Plant (WIPP).

A crosswalk of the waste streams and a qualitative discussion of the changes are provided in this annex. Each transuranic (TRU) waste site with changes in their waste streams was requested to provide an explanation for the changes. There were no changes in the waste streams from the University of Missouri Research Reactor (MURR). New sites have been included in this update but are not included in this Annex. The new sites are: Framatome (FR), Hanford-River Protection (RP), General Electric Vallecitos Nuclear Center (GE), Separations Process Research Unit (SPRU), Babcock & Wilcox-Lynchburg (BL), and Knolls Atomic Power Laboratory-Nuclear Fuels Services (KN). Waste streams presented in this section include waste streams from both Annex I and Annex J.

In addition, several sites no longer have TRU waste on their sites. Those sites are: ARCO Medical Products (AM), Pantex (PX), Teledyne-Brown (TB), and Ames Laboratory (AL). Mound (MD) TRU waste is being shipped to and accounted for at Savannah River Site (SRS).

In the tables "NA" in the TWBIR Revision 2 Waste Streams column identifies a new waste stream in the 2003 Update. "NA" in the 2003 Update Report Waste Streams column identifies a deleted waste stream from TWBIR Revision 2.

DATA-F-C-1.1 Argonne National Laboratory-East

During the Argonne National Laboratory-East (ANL-E) 1996 data generation period for the TWBIR, the information submitted was the best available at the time. The ANL-E had a large number of bins (typically 3.5 m³ (123 ft³)¹ in size), in inventory that contained waste dating back to the late 1980s. These bins, containing various sized containers, were assigned a TRU waste designation by the generators based on the knowledge of the waste generation process. As a result, some of the waste may or may not have been TRU. There also was a quantity of various-sized containers that contained liquids or solids that made it difficult to determine what the final volume would be.

Subsequent to the TWBIR Revision 3 submittal, ANL-E embarked on an aggressive campaign to characterize, treat, and where appropriate repackage the TRU waste from the bins and containers identified and reported in the TWBIR Revision 3. Whenever possible, repackaging was performed that resulted in the waste being placed into 55-gallon drums for enhanced inventory identification and tracking, and also in preparation for eventual characterization and disposal. This repackaging process has resulted in a refinement of ANL-E's ability to more accurately quantify the TRU waste.

¹ The conversion factor used throughout this section is 1 m³ (35.32 ft³).

**Table DATA-F-C-9. Los Alamos National Laboratory Crosswalk of Waste Streams
TWBIR Revision 2 vs 2003 Update Report — Continued**

<i>TWBIR Revision 2 Waste Streams</i>	<i>2003 Update Report Waste Streams</i>
	<i>LA-TA-03-19, LA-TA-03-24, LA-TA-03-40, LA-TA-21-12, LA-TA-21-42, LA-TA-49-01, LA-TA-50-11, LA-TA-50-15, LA-TA-50-40, LA-TA-55-19, LA-TA-55-30, LA-TA-55-44</i>
<i>LA-W067 is LA-T004 (This is LANL Local ID.)</i>	<i>See LANL LA-T004</i>
<i>LA-W068 is LA-T005 (This is LANL Local ID.)</i>	<i>See LANL LA-T005</i>
<i>LA-WR01 is LA-MR01 (This is LANL Local ID.)</i>	<i>LA-TA-00-01, LA-TA-03-27</i>
<i>LA-WR05 is LA-MR05 (This is LANL Local ID.)</i>	<i>LA-TA-03-27</i>

1 **DATA-F-C-1.12 Nevada Test Site**

2 *The Nevada Test Site (NTS) has one new waste stream identified in the 2003 Update from the*
 3 *National Nuclear Security Administration. That new waste stream results from activities from*
 4 *the Joint Actinide Shock Physics Experimental Research (JASPER) Facility.*

5 *Table DATA-F-C-10 contains the crosswalk of waste streams from TWBIR Revision 2 to the*
 6 *2003 Update Report for the NTS.*

7 **Table DATA-F-C-10. Nevada Test Site Laboratory Crosswalk of Waste Streams**
 8 **TWBIR Revision 2 vs 2003 Update Report**

<i>TWBIR Revision 2 Waste Streams</i>	<i>2003 Update Report Waste Streams</i>
<i>NT-W001</i>	<i>NT-W001</i>
<i>NT-W021</i>	<i>NT-W021</i>
<i>N/A</i>	<i>NT-JAS-01</i>

9 **DATA-F-C-1.13 Oak Ridge National Laboratory**

10 **DATA-F-C-1.13.1 Waste Streams**

11 *The number of waste streams was reduced from 16 to 9. The reason for the change is to better*
 12 *represent the waste streams that WIPP will receive. The previously identified waste streams*
 13 *were reflective of the stored inventory. The new waste stream information reflects the*
 14 *repackaged waste after sorting, treatment, recharacterization, and repackaging.*

15 *Corresponding to the WIPP-ID changes, the matrix codes have been updated to reflect the*
 16 *waste stream parameters.*

17 **DATA-F-C-1.13.2 TRUCON Codes**

18 *There were no significant changes in the TRUCON codes. Oak Ridge will need to work with*
 19 *WIPP to obtain TRUCON codes for the various waste streams as Oak Ridge approaches*

**Table DATA-F-C-9. Los Alamos National Laboratory Crosswalk of Waste Streams
TWBIR Revision 2 vs 2003 Update Report — Continued**

<i>TWBIR Revision 2 Waste Streams</i>	<i>2003 Update Report Waste Streams</i>
<i>LA-T005</i>	<i>IT-00-01, SL-00-01, LA-TA-00-01, LA-TA-00-02, LA-TA-00-04, LA-TA-00-05, LA-TA-00-06, LA-TA-00-07, LA-TA-03-12, LA-TA-03-19, LA-TA-03-24, LA-TA-03-42, LA-TA-21-12, LA-TA-48-01, LA-TA-50-11, LA-TA-50-15, LA-TA-55-18, LA-TA-55-19, LA-TA-55-20, LA-TA-55-21, LA-TA-55-22, LA-TA-55-23, LA-TA-55-24, LA-TA-55-25, LA-TA-55-26, LA-TA-55-28, LA-TA-55-30, LA-TA-55-32, LA-TA-55-33, LA-TA-55-34, LA-TA-55-38, LA-TA-55-39, LA-TA-55-42, LA-TA-55-43, LA-TA-55-44, LA-TA-55-49, LA-TA-55-53, LA-TA-55-56, LA-TA-55-60</i>
<i>LA-T006</i>	<i>LA-TA-00-02, LA-TA-00-05, LA-TA-21-15, LA-TA-48-01, LA-TA-50-15, LA-TA-55-30, LA-TA-55-32, LA-TA-55-33, LA-TA-55-38, LA-TA-55-49</i>
<i>LA-T007</i>	<i>LA-TA-03-24, LA-TA-03-26</i>
<i>LA-T008</i>	<i>TA-00-01, LA-TA-21-14, LA-TA-21-44, LA-TA-50-20</i>
<i>LA-T009</i>	<i>LA-IT-00-01, LA-OS-00-02, LA-TA-00-01, LA-TA-00-04, LA-TA-00-07, LA-TA-03-12, LA-TA-03-19, LA-TA-03-20, LA-TA-03-24, LA-TA-03-26, LA-TA-03-40, LA-TA-03-42, LA-TA-21-41, LA-TA-21-42, LA-TA-21-44, LA-TA-50-10, LA-TA-50-15, LA-TA-50-17, LA-TA-50-19, LA-TA-50-41, LA-TA-55-19, LA-TA-55-30, LA-TA-55-33, LA-TA-55-34, LA-TA-55-38, LA-TA-55-44, LA-TA-55-48, LA-TA-55-49, LA-TA-55-53, LA-TA-55-56, LA-TA-55-60, LA-TA-55-62, LA-TA-55-63</i>
<i>LA-TR04</i>	<i>LA-TA-03-27</i>
<i>LA-TR05</i>	<i>N/A</i>
<i>LATR07</i>	<i>LA-TA-00-02, LA-TA-03-27</i>
<i>LA-W001 is LA-M001 (This is LANL Local ID.)</i>	<i>LA-TA-00-02, LA-TA-00-04, LA-TA-00-05, LA-TA-03-12, LA-TA-03-19, LA-TA-03-24, LA-TA-03-40, LA-TA-21-12, LA-TA-21-40, LA-TA-21-42, LA-TA-49-01, LA-TA-50-11, LA-TA-50-15, LA-TA-50-40, LA-TA-55-19, LA-TA-55-30, LA-TA-55-44</i>
<i>LA-W003 is LA-M003 (This is LANL Local ID.)</i>	<i>LA-TA-00-05, LA-TA-50-19</i>
<i>LA-W004 is LA-M004 (This is LANL Local ID.)</i>	<i>LA-TA-00-05, LA-TA-00-06, LA-TA-00-07, LA-TA-03-12, LA-TA-03-13, LA-TA-03-20, LA-TA-21-06, LA-TA-55-19, LA-TA-55-20, LA-TA-55-30, LA-TA-55-44, LA-TA-55-56</i>
<i>LA-W005 is LA-M005 (This is LANL Local ID.)</i>	<i>LA-TA-00-02, LA-TA-00-04, LA-TA-00-06, LA-TA-03-13, LA-TA-03-19, LA-TA-03-24, LA-TA-55-19, LA-TA-55-20, LA-TA-55-21, LA-TA-55-22, LA-TA-55-23, LA-TA-55-28, LA-TA-55-30, LA-TA-55-32, LA-TA-55-34, LA-TA-55-38, LA-TA-55-39, LA-TA-55-43, LA-TA-55-44, LA-TA-55-53, LA-TA-55-56, LA-TA-55-60, LA-TA-55-61</i>
<i>LA-W006 is LA-M006</i>	<i>LA-TA-00-05, LA-TA-03-30, LA-TA-21-16, LA-TA-50-19, LA-TA-55-30, LA-TA-55-32, LA-TA-55-38, LA-TA-55-41, LA-TA-55-44, LA-TA-55-49, LA-TA-55-53, LA-TA-03-31</i>
<i>LA-W009 is LA-M009 (This is LANL Local ID.)</i>	
<i>LA-W066 is LA-M001 (This is LANL Local ID.)</i>	<i>LA-TA-00-02, LA-TA-00-04, LA-TA-00-05, LA-TA-03-12,</i>

1

REFERENCES

- 2 *Department of Energy (DOE). 1995. Transuranic Waste Baseline Inventory Report, Revision*
3 *2, DOE/CAO-95-1121, December 1995.*
- 4 *Department of Energy (DOE). 1996. Transuranic Waste Baseline Inventory Report, Revision*
5 *3, DOE/CAO-95-1121, June 1996.*
- 6 *Environmental Protection Agency (EPA). 1998. "Criteria for the Certification and*
7 *Recertification of the Waste Isolation Pilot Plant's Compliance with the Disposal Regulations:*
8 *Certification Decision: EPA Final Rule." Federal Register 63:27353-27406, May 18, 1998,*
9 *Radiation Protection Division, Washington, D.C.*
- 10 *New Mexico Environment Department (NMED). 1999. "Waste Isolation Pilot Plant*
11 *Hazardous Waste Facility Permit." NM4890139088-TSDF, Attachment B, Waste Analysis*
12 *Plan. Santa Fe, New Mexico.*

Subject: Questions on "List of FY06 STP Covered MTRU Containers"
Date sent: Wed, 11 Apr 2007 11:52:57 -0600
From: "Zappe, Steve, NMENV" <steve.zappe@state.nm.us>
To: <gtturner@doeal.gov>, <dyea@lanl.gov>, <dvc@lanl.gov>, "Plum, Jody - DOE" <Jody.Plum@wipp.ws>, <grael@doeal.gov>
Copies to: "Bearzi, James, NMENV" <james.bearzi@state.nm.us>, "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>, "Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>, "Kieling, John, NMENV" <john.kieling@state.nm.us>, "Holmes, Steve, NMENV" <steve.holmes@state.nm.us>, "Hall, Timothy, NMENV" <Timothy.Hall@state.nm.us>

All -

Thanks for the CD with the FY06 STP covered MTRU containers list. I went into the WIPP Waste Information System (WWIS) yesterday, extracted all LANL MTRU containers in the database to a spreadsheet, and gave it to one of my coworkers, who compared the container IDs in both spreadsheets. Attached is the result of the comparison.

Out of 6541 LANL MTRU containers identified in the WWIS, we matched 2111 containers with their counterparts on your FY06 STP covered containers list. That leaves 4430 LANL MTRU containers in the WWIS to account for, which I'm asking for your assistance in doing so. As I understand, these containers could be missing from the FY06 STP list for any of a number of reasons, including but not limited to:

- 1) They were worked off prior to FY06, and thus would not be included in the inventory.
- 2) They were newly generated and shipped to WIPP within one year, and thus would not be covered waste.
- 3) They were historically managed as non-mixed TRU waste and subsequently identified as MTRU waste prior to being shipped to WIPP.

There may be other reasons, and/or my description of the reasons above may not be sufficiently precise. However, NMED would like LANL to account for all 4430 containers of MTRU waste from the WWIS and identify, for each container listed, all the reasons for it not being included in the FY06 STP list of covered MTRU containers. If you have any questions about the nature or scope of this request, or about the contents of the attached spreadsheet, please contact me. Thanks!

Steve

=====

Steve Zappe
NMED WIPP Project Leader
2905 Rodeo Park Drive E, Building 1
Santa Fe, NM 87505
Office: (505) 476-6051
Cell: (505) 660-0353
Fax: (505) 476-6060

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From: Albert Dye <dyea@lanl.gov>
To: rosileelee.winn@state.nm.us
Subject: Draft MTRU STP table
Date sent: Tue, 30 May 2006 09:21:49 -0600

Lee,

Attached is a draft of the MTRU STP Table 2.2-2 with the revised BIR codes. Please let me know if you have any questions or comments on the table. I hope to finalize the changes to the STP that we discussed and send you the revised copy to you this week. Thanks.

Albert Dye
ENV-Solid Waste Regulatory Compliance
Los Alamos National Laboratory
tel: 667-4715
fax: 667-5224

Attachments:
E:\Z D drive\STP\Rev 16\May 2006\Draft TABLE 2.2-2 5-30-06.doc

From: Albert Dye <dyea@lanl.gov>
To: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
Subject: STP MTRU meeting
Date sent: Mon, 10 Jul 2006 13:45:04 -0600

Lee,

I received the go ahead to try to schedule a meeting on MTRU waste categorization. Would you be available to meet on Tuesday August 8th? I anticipate that about 4 LANL representatives, 1 or 2 from DOE Los Alamos and 1 or 2 WIPP representatives could be in attendance. However, three people, besides yourself, that I definitely want at the meeting are Davis Christensen of LANL, a WIPP representative and Steve Zappe. The date is still tentative but I wanted to first check with your schedule. If you are not available on 8/8/06 please let me know when you could meet in August. Thanks.

Albert Dye

Subject: **RE: STP MTRU meeting**
Date sent: **Mon, 10 Jul 2006 13:50:02 -0600**
From: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**

Yes I am available on August 8 if it is not scheduled around the lunch hour. We could have the meeting here at say 2:00 pm. Regards, Lee

-----Original Message-----

From: Albert Dye [<mailto:dyea@lanl.gov>]
Sent: Monday, July 10, 2006 1:45 PM
To: Winn, Rosilee Lee, NMENV
Subject: STP MTRU meeting

Lee,

I received the go ahead to try to schedule a meeting on MTRU waste categorization. Would you be available to meet on Tuesday August 8th? I anticipate that about 4 LANL representatives, 1 or 2 from DOE Los Alamos and 1 or 2 WIPP representatives could be in attendance. However, three people, besides yourself, that I definitely want at the meeting are Davis Christensen of LANL, a WIPP representative and Steve Zappe. The date is still tentative but I wanted to first check with your schedule.

If you are not available on 8/8/06 please let me know when you could meet in August.

Thanks.

Albert Dye

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From: Albert Dye <dyea@lanl.gov>
To: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
Subject: RE: STP MTRU meeting
Copies to: Jack Ellvinger <jee@lanl.gov>
Date sent: Mon, 14 Aug 2006 15:39:11 -0600

Lee,

I have a meeting tomorrow (8-15-06) with DOE LASO to discuss the MTRU issue. Unless something comes up at that meeting, I am expecting that we will meet with you and Steve Zappe as planned on August 21, 2006 at 9:00 AM. Thanks

Albert Dye

> Hope we are still on for August 21 at 9:00 am. Steve Zappe said he
> can attend. Lets hope we can iron this out. Lee

>

> -----Original Message-----

> From: Albert Dye [<mailto:dyea@lanl.gov>]

> Sent: Monday, July 10, 2006 1:45 PM

> To: Winn, Rosilee Lee, NMENV

> Subject: STP MTRU meeting

>

> Lee,

>

> I received the go ahead to try to schedule a meeting on MTRU waste
> categorization. Would you be available to meet on Tuesday August 8th?
> I anticipate that about 4 LANL representatives, 1 or 2 from DOE Los
> Alamos and 1 or 2 WIPP representatives could be in attendance.
> However, three people, besides yourself, that I definitely want at the
> meeting are Davis Christensen of LANL, a WIPP representative and Steve
> Zappe. The date is still tentative but I wanted to first check with
> your schedule. If you are not available on 8/8/06 please let me know
> when you could meet in August. Thanks.

>

> Albert Dye

>

>

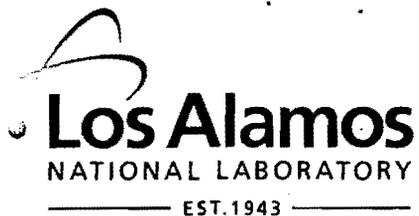
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>

FY06 Revision 17 Documents



The World's Greatest Science
 Protecting America
Solid Waste Regulatory Compliance

Date: October 4, 2005
 Refer to: ENV-SWRC:05-066

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
 Environmental Specialist
 Hazardous Waste Bureau
 New Mexico Environment Department
 2905 Rodeo Park Drive East, Building 1
 Santa Fe, New Mexico 87505-6303

SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision (17.0) due March 31, 2007. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to M&EC in Oak Ridge, TN.

STP Section to be Added to Rev 17.0	MWRB Waste ID	Treatability Group	Volume to be Shipped (G)
3.1.11	LA-W910	PCB wastes with RCRA components	1.2864
TOTAL			1.2864

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or <mailto:dyea@lanl.gov> if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:vc

Enclosures: a/s

Cy: w/enc.
Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: w/o enc.

J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595


IM-5, MSA150

ENCLOSURE A
CERTIFICATION

**REQUEST FOR EXPEDITED TREATMENT
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

Albert Dye
STP Project Manager
Environmental Stewardship Division
Los Alamos National Laboratory
Operator

10/4/05

Date Signed



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

Date: January 24, 2005
Refer To: SWRC:06-005

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 3.1.11 (B) IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.1.11 (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), *"provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."*

A shipment that included STP covered waste was initiated on December 13, 2005, and completed on December 15, 2005. The waste was sent to M&EC in Oak Ridge, TN. The volume of STP waste shipped is described in the following table:

STP Section	MWR Waste ID	Treatability Group	Manifest Number	Volume Shipped (m ³)
3.1.11	LA-W910	PCB WASTES WTH RCRA COMPONENTS	06051	0.6322
Total STP Volume Shipped				0.6322



Ms. Lee Winn
SWRC:06-005

-3-

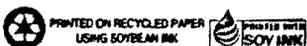
January 24, 2006

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
G. Montoya, FWO-SWO, MS J595
J. Minton-Hughes, FWO-SWO, MS J595
C. Duy, FWO-SWO, MS J595
SWRC-File
IM-5, A150



UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06051	2. Page 1 of 2	Information in the shaded area is not required by Federal		
3. Generator's Name and Mailing Address U of CA LARK for US DOS Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number			
4. Generator's Phone (505) 665-6158				B. State Generator's ID			
5. Transporter 1 Company Name HITKAN TRANSPORTATION SERVICES, INC.		6. US EPA ID Number TND9A7783065		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-233-9935			
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		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility's ID			
				H. Facility's Phone	865-574-0149		
GENERATOR	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.	Type			
	a.	WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, LIQUID, ELEMENTAL, U238, 3.81e-07 TBq, RQ(POLYCHLORINATED BIPHENYLS)	1	DX	138	2	
	b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, POLYCHLORINATED BIPHENYL CONTAMINATION, LIQUID, AN241 PU238 PU239 U(NAT), 1.10e-04 TBq, FISSILE EXCEPTED, LSA-II, RQ(POLYCHLORINATED BIPHENYLS)	1	DK	74	2	D027 D032 D042 D043
	c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, POLYCHLORINATED BIPHENYL CONTAMINATION, LIQUID, AN241 PU238 PU239 U(NAT), 1.20e-04 TBq, FISSILE EXCEPTED, LSA-II, RQ(POLYCHLORINATED BIPHENYLS)	1	DK	74	2	D027 D032 D042 D043
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AN241 PU238 PU239 U(NAT), 2.08e-04 TBq, FISSILE EXCEPTED, LSA-II, RQ(POLYCHLORINATED BIPHENYLS)	1	DK	147	2		
J. Additional Descriptions for Materials Listed Above 11a. C05177602 11b. C05177469 11c. C05177604 11d. C05177599 "Exclusive use shipment"				K. Handling Codes for Wastes Listed Above 501			
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 161 11b. ERGNO: 162 11c. ERGNO: 162 11d. ERGNO: 162				05/21/04 HNTF: 000000			
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 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 use the best waste management method that is available to me and that I can afford.							
Printed/Typed Name Paul W. Newberry		Signature 		Month Day 12/13			
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials						
	Printed/Typed Name RICH ELLIOTT		Signature 		Month Day 12/13		
	18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day			
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 Carrie Wandoz		Signature 		Month Day 1/21/05			



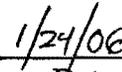
**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.1.11(B)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

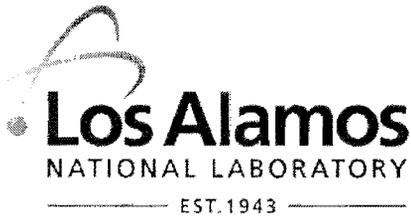
I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.



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



Date Signed



The World's Greatest Science
Protecting America
Solid Waste Regulatory Compliance

Date: April 20, 2006
Refer to: ENV-SWRC: 06-032

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision (17.0) due March 31, 2007. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to Waste Control Specialists in Andrews County, TX.

STP Section to be Added to Rev 17.0	MWIR Waste ID	Treatability Group	Volume to be Shipped (m ³)
3.2	LA-W933	<i>Labpacks</i>	0.0946
TOTAL			0.0946

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or <mailto:dyea@lanl.gov> if you have any questions.

Lee Winn
ENV-SWRC: 06-032

-2-

April 20, 2006

Sincerely,

Albert Dye
STP Project Manager

AD:tg

Enclosures: a/s

Cy: w/enc.
Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: w/o enc.
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Allen, NWIS-TA54E, MS J595
G. Montoya, NWIS-TA54E, MS J595
C. Duy, NWIS-TA54E, MS J595
SWRC File
IM-5, MSA150

ENCLOSURE A
CERTIFICATION

**REQUEST FOR EXPEDITED TREATMENT
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
Environmental Stewardship Division
Los Alamos National Laboratory
Operator

Date Signed



The World's Greatest Science
Protecting America
Solid Waste Regulatory Compliance

Date: May 12, 2006
Refer to: ENV-SWRC: 06-038

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Lee Winn

Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

**SUBJECT: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP),
LOS ALAMOS NATIONAL LABORATORY (LANL).**

Dear Ms. Winn:

The purpose of this letter is to request from the New Mexico Environment Department (NMED) permission to ship for treatment items that will be proposed for addition to the LANL STP in the next Annual Revision (17.0) due March 31, 2007. An expedited treatment opportunity is available for waste items if they can be included with scheduled LANL shipments to PermaFix in Florida.

STP Section to be Added to Rev 17.0	NAHLR Waste ID	Treatability Group	Volume for Shipment
3.2	LA-W933	Labpacks	0.0946
TOTAL			0.0946

Please note that in a previous correspondence (ENV-SWRC:06-032) dated April 20, 2006, a request was made for an expedited shipment of waste to WCS in Andrews County, TX. Due to a programmatic problem, the waste shipment to WCS was cancelled and the same waste, which is described in this letter, will be sent to PermaFix. Please disregard the April 20, 2006 letter.

As stated, the items will be proposed for addition to the STP during the next Annual Revision. LANL has taken advantage in the past of opportunities to expedite shipments of waste not yet added to the STP. Please contact me immediately if you do not want LANL to proceed with adding this item to the shipment.

Included, as Enclosure A 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 (505) 667-4715 or <mailto:dyea@lanl.gov> if you have any questions.

P. O. Box 1663, MS K490, Los Alamos, NM 87545
505-667-0666/FAX 505-667-5224

An Equal Opportunity Employer / Operated by the University of California for the
National Nuclear Security Administration of the U.S. Department of Energy

Lee Winn
SWRC: 06-038

-2-

May 12, 2006

Sincerely,



Albert Dye
STP Project Manager

AD:tg

Enclosures: a/s

Cy: w/enc.
Mr. James Bearzi, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

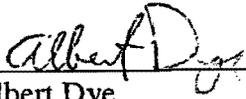
Bcc: w/o enc.
J. Orban, WMD, DOE-ABQ
U.S. Department of Energy
Environmental Programs Department
NZ-Building SC-4
Albuquerque, New Mexico 87107

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Allen, NWIS-TA54E, MS J595
G. Montoya, NWIS-TA54E, MS J595
C. Duy, NWIS-TA54E, MS J595
SWRC File
IM-5, MSA150

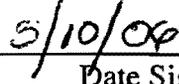
ENCLOSURE A
CERTIFICATION

**REQUEST FOR EXPEDITED TREATMENT
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
Environmental Stewardship Division
Los Alamos National Laboratory
Operator



Date Signed

Los Alamos National Laboratory

Solid Waste Regulatory Compliance, K490
Los Alamos, New Mexico 87545

INTERNAL/EXTERNAL MAIL APPROVAL

Author: SWRC-MS K490

Document Date: May 12, 2006

Subject: REQUEST FOR EXPEDITED TREATMENT, SITE TREATMENT PLAN (STP), LOS ALAMOS NATIONAL LABORATORY (LANL).

To: Lee Winn	Document Identification SWRC: 06-038 <input type="checkbox"/> RUSH <input type="checkbox"/> No Rush
--------------	--

	MAIL STOP	AUTHORIZING OFFICIAL	SIGNATURE	APPROVED		DATE SENT
				YES	NO	
1.	K490	Author: Albert Dye File Location:	<i>Albert Dye</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Scan Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
2.	K490	ADC: Jack Ellvinger	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5/10/06
3.	K490	Anthony Grieggs Group Leader	<i>Jack Ellvinger</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5/10/06
4.	J591	Kenneth M. Hargis ENV Division Leader	<i>Kenneth M. Hargis</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5/12/06
	A150	IM-9 (for dispatch)				

Letter Due Date:

To Whom:



Environment, Safety, Health and Quality
 Water Quality and RCRA
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-0666/Fax (505) 667-5224

Date: June 13, 2006
 Refer To: ENVP-RCRA:06-007

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 ACTIVITIES IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.11 (B) and 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on May 3, 2006, and completed on May 5, 2006. The waste was sent to PermaFix in Florida. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m3)
3.1.11	LA-W909	Bulk Oils	06420	C05179307	0.0530
				C05179308	0.0530
				C05179320	0.0530
				C05179321	0.0530
				C05182219	0.0530
				C05182220	0.0530
Total STP Volume Shipped					0.3180

A shipment that included STP covered waste was initiated on May 3, 2006, and completed on May 5, 2006. The waste was sent to ME&C in Tennessee. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifes Number	Container Number	Volume Shipped (m ³)
3.2	LA-W925	Mercury wastes - TBD	06424	C05179414	0.0028
Total STP Volume Shipped					0.0028

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

Sincerely,



Albert Dye
STP Project Manager

AD:tag

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505

Bcc: w/o enc.
James E. Orban
NNSA Service Center/SC-4
PO Box 5400
Albuquerque, New Mexico 87185

J. Nunz, DOE, LASO, MS A316
E. Louderbough, LC-GL, MS A187
D. Allen, ENV-WS, MS J595
G. Montoya, ENV-WS, MS J595
C. Duy, ENV-WS, MS J595
ENV-2 File
IM-9, A150

ENCLOSURE A

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



AD-0157-06

May 15, 2006

Mr. Paul N. Newberry
Los Alamos National Lab for DOE
P.O. Box 1663, MS J595
Los Alamos, NM 87545

Subject: Hazardous Waste Manifest 06420

Mr. Paul N. Newberry:

This is to notify you that wastes generated by your facility, and as described on the enclosed Hazardous Waste Manifest, have been received by Diversified Scientific Services, Inc.

If you have any questions concerning these wastes, please feel free to call me at (865) 376-0084.

Sincerely,

A handwritten signature in cursive script that reads "Gloria Bates".

Gloria Bates
Customer Service Representative

File: DSSI-06-067



Diversified Scientific Services, Inc.
657 Gallaher Road Kingston, TN 37763
Phone: 865-376-0084
Fax: 865-376-0087

Date Sent: 5/5/06

ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE WASTE

This is to certify that the radioactive material described below was received at the Diversified Scientific Services, Inc. (DSSI) facility in Kingston, Tennessee. This certification satisfies the requirements of Title 10 Code of Federal Regulations Par 20, Appendix G and the Tennessee "State Regulations for Protection Against Radiation". This letter acknowledges receipt of the waste only. Waste analysis has not been completed. If any discrepancies exist after waste analysis is complete, you will be contacted by separate correspondence.

Manifest Number: 06420

Shipment Authorization #: DSSI-06-067

Generator Name: Los Alamos National Laboratory
Address: P.O. Box 1663, MSJ595
Los Alamos, NM 87545

Attention: Chris Duy

Shipper: M.P. Environmental Services, Inc.

Date Received: 5/5/06

Waste Tracking Specialist Signature: *Lawrence* Date: 5/5/06

Discrepancies (if any):

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06420	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address 601 CA LANE 101 US 30E Los Alamos National Laboratory P.O. Box 1663, MS J555, Los Alamos, NM 87545				A. State Manifest Document Number	
				B. State Generator's ID	
4. Generator's Phone (505) 665-6156		6. US EPA ID Number CAT000624247		C. State Transporter's ID	
5. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.		7. Transporter 2 Company Name		D. Transporter's Phone	
9. Designated Facility Name and Site Address DIVERSIFIED SCIENTIFIC SERVICES, INC. 657 GALLAHER ROAD KINGSTON, TN 37763		8. US EPA ID Number		E. State Transporter's ID	
		10. US EPA ID Number TND982109142		F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	Waste No.
		No.			
a.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-I), 7, UN3321, LIQUID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 3.30e-05 TBq, FISSILE EXCEPTED	1	38	l	
b.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, LIQUID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 4.41e-05 TBq, FISSILE EXCEPTED	1	53	k	
c.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), FISSILE EXCEPTED, 7, UN3321, LIQUID, ELEMENTAL, AM241 PU238 PU239 U235 U238, 2.01e-05 TBq	2	96	k	
d.	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY FISSILE EXCEPTED, 7, UN2912, LIQUID, ELEMENTAL, AM241, 1.64e-07 TBq	1	49	k	
j. Additional Descriptions for Materials Listed Above				k. Handling Codes for Wastes Listed Above	
CD1175307 CD1175308 CD1175309 CD1175310 CD1175311 CD1175312 CD1175313 CD1175314 CD1175315 CD1175316 CD1175317 CD1175318 CD1175319 CD1175320 CD1175321 CD1175322 CD1175323 CD1175324 CD1175325 CD1175326 CD1175327 CD1175328 CD1175329 CD1175330 CD1175331 CD1175332 CD1175333 CD1175334 CD1175335 CD1175336 CD1175337 CD1175338 CD1175339 CD1175340 CD1175341 CD1175342 CD1175343 CD1175344 CD1175345 CD1175346 CD1175347 CD1175348 CD1175349 CD1175350 CD1175351 CD1175352 CD1175353 CD1175354 CD1175355 CD1175356 CD1175357 CD1175358 CD1175359 CD1175360 CD1175361 CD1175362 CD1175363 CD1175364 CD1175365 CD1175366 CD1175367 CD1175368 CD1175369 CD1175370 CD1175371 CD1175372 CD1175373 CD1175374 CD1175375 CD1175376 CD1175377 CD1175378 CD1175379 CD1175380 CD1175381 CD1175382 CD1175383 CD1175384 CD1175385 CD1175386 CD1175387 CD1175388 CD1175389 CD1175390 CD1175391 CD1175392 CD1175393 CD1175394 CD1175395 CD1175396 CD1175397 CD1175398 CD1175399 CD1175400 CD1175401 CD1175402 CD1175403 CD1175404 CD1175405 CD1175406 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CD1176207 CD1176208 CD1176209 CD1176210 CD1176211 CD1176212 CD1176213 CD1176214 CD1176215 CD1176216 CD1176217 CD1176218 CD1176219 CD1176220 CD1176221 CD1176222 CD1176223 CD11762					

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06420	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		State Manifest Document Number State Generator's State Transporter's Transporter's Phone					
24. Transporter <u>1</u> Company Name K.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247		State Transporter's Transporter's Phone					
26. Transporter <u> </u> Company Name		27. US EPA ID Number		State Transporter's 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 RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY FISSILE-EXCEPTED, 7, UN2912, LIQUID, ELEMENTAL, AN241 PU238 PU239 U235 U238, 2.63e-05 TBq			1	DK	53	l	Waste No.
b.									
c.									
d.									
e.									
f.									
g.									
h.									
i.									
32. Special Handling Instructions and Additional Information 'EMERGENCY PHONE NO: (505) 667-6211' 28a. ERGNO: 162					31. Handling Codes for Wastes Listed Above				
33. Transporter <u>1</u> Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name <i>A.T. Armstrong</i>				Signature <i>A.T. Armstrong</i>		Month Day Year 05/03/06			
34. Transporter <u> </u> Acknowledgement of Receipt of Materials					Date				
Printed/Typed Name				Signature		Month Day Year			
35. Discrepancy Indication Space									

GENERATOR

TRANSPORTER

FACILITY



May 9, 2006

U of CA LANL for US DOE
Los Alamos National Laboratory
PO Box 1663, MS J595
Los Alamos, NM 87545

Hazardous Waste Manifest 06424

This is to notify you that waste generated by your facility, and as described on the enclosed Hazardous Waste manifest, has been received by M&EC/Perma-Fix, Inc.

If you have any questions concerning these wastes, please feel free to call me at (865) 574-0149, extension 1060.

Sincerely,

A handwritten signature in cursive script that reads 'Carrie Sandoz'. The signature is written in black ink and is positioned to the right of the word 'Sincerely,'.

Carrie Sandoz
Waste Receipt Specialist



ACKNOWLEDGEMENT OF RECEIPT OF RADIOACTIVE WASTE

This is to certify that the radioactive material described below was received at the M&EC/Perma-Fix facility at the East Tennessee Technology Park in Oak Ridge, Tennessee. This certification satisfies the requirements of Title 10 Code of Federal Regulations Part 20, Appendix G and the Tennessee "State Regulations for Protection Against Radiation." This letter acknowledges receipt of the waste only. Waste analysis has not been completed. If any discrepancies exist after waste analysis is complete you will be contacted by separate correspondence.

Authorization No: ETP-06-113

Manifest No: 06424

Generator Name: U of CA LANL for US DOE
Los Alamos National Laboratory

Address: PO Box 1663, MS J595
Los Alamos, NM 87545

Attn: Mr. Chris Duy

Shipper: M.P. Environmental Services, Inc.

Date Received: May 5, 2006

M&EC Signature:

Date:

05-09-06

Discrepancies (if any):

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06424	2. Page 1 of 1	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 3595, Los Alamos, NM 87545		4. Generator's Phone (505) 665-6158		A. State Manifest Document No.	
5. Transporter 1 Company Name K.F. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		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 MATERIAL & ENERGY CORPORATION 2010 HIGHWAY 58, SUITE 1020 OAK RIDGE, TN 37830		10. US EPA ID Number TNR000005397		D. Transporter's Phone	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., 8, UN3264, II, (CONTAINS SULFURIC ACID)		1	4	g	
b. WASTE MERCURY, 8, UN2809, III, LIMITED QUANTITY-RADIOACTIVE MATERIAL		1	5	g	
c. WASTE MERCURY SOLID, 8, UN2809, LIMITED QUANTITY-RADIOACTIVE MATERIAL		1	2	g	
d. HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3077, III, (CONTAINS MERCURY), RQ(MERCURY)		1	4	g	
15. Additional Descriptions for Materials Listed Above 11b. 005179411 11c. 005179411 11d. 005181212		K. Handling Codes for Wastes Listed Above U01, T03, T61			
15. Special Handling Instructions and Additional Information EMERGENCY PHONE NO: (505) 667-6211 11a. ERGNO: 134 11b. ERGNO: 170 11c. ERGNO: 170 11d. ERGNO: 170 11e. ERGNO: 170 HM71: 06042702					
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. Newbury		Signature 		Month Day Year 05/03/01	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name A.T. ARMSTRONG		Signature 		Month Day Year 05/03/01	
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 Carrie Sandoz		Signature 		Month Day Year 05/05/01	

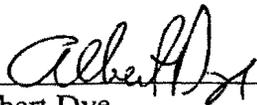


ORIGINAL - RETURN TO GENERATOR

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITIES
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



Date Signed



Environment, Safety, Health and Quality
 Water Quality and RCRA
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-0666/Fax (505) 667-5224

Date: June 28, 2006
 Refer To: ENVP-RCRA : 06-024

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 ACTIVITIES IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activities 3.1.9 (B) and 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on May 22, 2006, and completed on May 25, 2006. The waste was sent to ME&C in Tennessee. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m ³)
3.1.9	LA-W918	Compressed Gases Requiring Oxidation	06434	C05182242	0.0038
Total STP Volume Shipped					0.0038

A shipment that included STP covered waste was initiated on May 22, 2006, and completed on May 24, 2006. The waste was sent to PermaFix in Florida. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (l)
3.2	LA-W933	Lab Packs	06435	C05182022	0.0945
Total STP Volume Shipped					0.0945

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

Sincerely,



Albert Dye
STP Project Manager

AD:tag

Enc: a/s

Cy: w/enc.

Mr. James Bearzi
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park East, Bldg. 1
Santa Fe, New Mexico 87505



Environmental Protection Division
 Water Quality & RCRA (ENV-RCRA)
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-0666/FAX: (505) 667-5224

Date: August 23, 2006
 Refer To: ENV-RCRA: 06-055

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 ACTIVITIES
 IN THE COMPLIANCE PLAN VOLUME (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 completion of required activities set forth in the Federal Facility Compliance Order (FFCO). Activity 3.2 (K) 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), "provide documentation to NMED that waste was received at off-site facility or provide notification of parallel option."

A shipment that included STP covered waste was initiated on July 17, 2006, and completed on July 19, 2006. The waste was sent to Energy Solutions in Utah. The volume of STP waste shipped is described in the following table:

STP Section	MWIR Waste ID	Treatability Group	Manifest Number	Container Number	Volume Shipped (m3)
3.2	LA-W934	High Activity Waste	06448	C02152395	0.2082
Total STP Volume Shipped					0.2082

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 by email at dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD/lm

Enclosure: a/s

Cy: James Bearzi, NMED/HWB, Santa Fe, NM, w/enc.
James E. Orban, NNSA Service Center/SC-4, Albuquerque, NM, w/enc.
James Nunz, NNSA/LASO, w/enc., MS A316
Jan A. Van Prooyen, PADOPS, MS A102
Richard S. Watkins, ADESHQ, MS K491
Ellen Louderbough, LC-LESH, w/enc., MS A187
Paul Newberry, WS-HMWO, w/enc., MS J595
Chris Duy, WS-HMWO, w/enc., MS J595
ENV-RCRA, File, w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

ENCLOSURE A

**DOCUMENTATION THAT WASTE WAS RECEIVED
AT OFF-SITE FACILITY
ACTIVITY 3.2(K)
SITE TREATMENT PLAN (STP)
LOS ALAMOS NATIONAL LABORATORY (LANL)**

350e

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06448	2. Page 1 of 2	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address LANS, LLC for US DOE Los Alamos National Laboratory P.O. Box 1663, MS J595, Los Alamos, NM 87545				A. State Manifest Document Number		
4. Generator's Phone (505) 665-6158				B. State Generator's ID		
5. Transporter 1 Company Name M.P. ENVIRONMENTAL SERVICES, INC.		6. US EPA ID Number CAT000624247		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 800-833-7602		
9. Designated Facility Name and Site Address ENERGY SOLUTIONS 423 WEST 300 SOUTH, SUITE 200 SALT LAKE CITY, UT 84101				E. State Transporters ID		
				F. Transporters Phone		
				G. State Facility's ID		
				H. Facility's Phone 801-649-2039		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, AN241 PU238 PU239 U(DEF), 9.70e-08 TBq, FISSILE EXCEPTED				1	1	k
b. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, H3, 4.07e-05 TBq				1	191	k
c. WASTE RADIOACTIVE MATERIAL, EXCEPTED PACKAGE-LIMITED QUANTITY OF MATERIAL, 7, UN2910, SOLID, AN241 CO60 CS137 PU238 PU239 U(DEF), 4.86e-07 TBq, FISSILE EXCEPTED				1	5	k
d. WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AN241 CO60 CS137 PU238 PU239 U(DEF), 7.26e-05 TBq, FISSILE EXCEPTED				1	164	k
J. Additional Descriptions for Materials Listed Above 11a. C06183784 11b. C02152395 <i>STP covered waste</i> 11c. C05181788 11d. C05181210				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information *EMERGENCY PHONE NO: (505) 667-6211* m09698 11a. ERGNO: 161 11b. ERGNO: 161 11c. ERGNO: 161 11d. ERGNO: 162 HNTFF: 06062901						
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 <i>[Signature]</i>		Month Day Year 07/17/06
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year 07/17/06
Printed/Typed Name Neal Anderson				Signature <i>[Signature]</i>		Month Day Year 07/17/06
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year
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 Justin Lee				Signature <i>[Signature]</i>		Month Day Year 07/17/06



ORIGINAL - RETURN TO GENERATOR

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)		21. Generator's US EPA ID No. NM0890010515	Manifest Document No. 06448	22. Page 2	Information in the shaded areas is not required by Federal law.	
23. Generator's Name LANE, LLC 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 K.P. ENVIRONMENTAL SERVICES, INC.		25. US EPA ID Number CAT000624247		N- State Transporter's ID		O- Transporter's Phone
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)			29. Containers	30. Total Quantity	31. Unit W/Vol	Waste
	HM		No.	Type		
a.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(DEF), 8.44e-05 TBq, FISSILE EXCEPTED	1	DM	182	k
b.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II), 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(DEF), 8.81e-05 TBq, FISSILE EXCEPTED	1	DX	199	k
c.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY (LSA-II) FISSILE-EXCEPTED, 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(DEF), 9.59e-05 TBq	2	DM	432	k
d.	X	WASTE RADIOACTIVE MATERIAL, LOW SPECIFIC ACTIVITY LSA-II FISSILE-EXCEPTED, 7, UN3321, SOLID, ELEMENTAL, AM241 CO60 CS137 PU238 PU239 U(DEF), 5.77e-05 TBq	2	DM	162	k
e.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3097, III, (CONTAINS LEAD), BERYLLIUM	2	DM	210	k
f.	X	HAZARDOUS WASTE, SOLID, N.O.S., 9, NA3097, III, (CONTAINS LEAD)	2	DF	7	k
g.	X	WASTE LITHIUM BATTERY, 9, UN3090, II	1	DF	1	k
h.						
i.						
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) 657-6211 28a. ERGNO: 162 28b. ERGNO: 162 28c. ERGNO: 162 28d. ERGNO: 162 28e. ERGNO: 171 28f. ERGNO: 171 28g. ERGNO: 138						
TRANSPORTER	33. Transporter <u>L</u> Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name <i>Deed Anderton</i>		Signature <i>[Signature]</i>		Month Day Year 07 17 06	
TRANSPORTER	34. Transporter Acknowledgement of Receipt of Materials			Date		
	Printed/Typed Name		Signature		Month Day Year	
FACILITY	35. Discrepancy Indication Space					

**ENCLOSURE B
CERTIFICATION**

**NOTICE OF COMPLETION OF OFFSITE WASTE SHIPMENT
ACTIVITY 3.2(K)
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

Albert Dye
STP Project Manager
Water Quality & RCRA
Los Alamos National Laboratory
Operator

8/23/06

Date Signed



Environmental Protection Division
 Water Quality & RCRA (ENV-RCRA)
 P.O. Box 1663, Mail Stop K490
 Los Alamos, New Mexico 87545
 (505) 667-0666/FAX: (505) 667-5224

Date: February 23, 2007
 Refer To: ENV-RCRA: 07-032

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: PROPOSED ADMINISTRATIVE ADJUSTMENTS FOR THE FY06 SITE TREATMENT PLAN (STP), REVISION 17

Dear Ms. Winn:

The purpose of this letter is to notify the New Mexico Environment Department (NMED) of proposed administrative adjustments to be included for FY06 Site Treatment Plan (STP) Update, Revision 17. This is in accordance with your letter dated February 28, 2006 in which you requested: "All administrative adjustments shall be documented with correspondence to NMED prior to submission of the annual revision." The need to report administrative adjustments and corrections are due to discrepancies found during quality control activities related to preparing waste for treatment, inventory, and disposal or when preparing for the STP Annual Update. These adjustments may result in additions of newly identified covered waste or transfers of waste to other treatability groups of the STP. A thorough data quality review is conducted annually to compare shipment notifications with shipping manifests against database updates.

The proposed administrative adjustments are described in the following table:

Waste ID	Waste Description	Volume (m ³)	Adjustment	Volume (m ³)
LA-W909	Bulk Oils	(0.0001)	Volume Correction	3.1.11
LA-W910	PCB Waste with RCRA Components	(0.0001)	Volume Correction	3.1.11
LA-W924	Lead Wastes - TBD	(0.1532)	Volume Correction: Container volume (0.21 m ³) rather than item volume (0.0568 m ³) incorrectly reported in Rev 16.	3.2
Net Total		(0.1534)		

*STP Compliance Plan Volume

A copy of the certification statement as required by the October 4, 1995 Federal Facility Compliance Order is enclosed.

Please contact me (505) 667-4715 or dyea@lanl.gov if you have any questions.

Sincerely,



Albert Dye
STP Project Manager

AD:tag

Enclosure: a/s

Cy: James Bearzi, NMED/HWB, Santa Fe, NM w/enc.
Gene Turner, DOE/LASO, w/enc., MS A316
Richard V. Bynum, PADOPS, w/enc., MS A102
Richard S. Watkins, ADESHQ, w/enc., MS K491
Ellen Louderbough, LC-LESH, w/enc., MS A187
Paul Newberry, WS-HMWO, w/enc., MS J595
Chris. Duy, WS-HMWO, w/enc., MS J595
ENV-RCRA, File, w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

**ENCLOSURE
CERTIFICATION**

**PROPOSED ADMINISTRATIVE ADJUSTMENTS FOR THE FY06 SITE
TREATMENT PLAN (STP), REVISION 17
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

Albert Dye
STP Project Manager
ENV-RCRA
Los Alamos National Laboratory
Operator

2/22/07

Date Signed

Subject: Telephone Number Change
Date sent: Tue, 12 Dec 2006 11:48:02 -0700
From: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
To: "Beasley, Lara E SPA" <Lara.E.Beasley@spa02.usace.army.mil>, <Lyssy.Gregory@epamail.epa.gov>, <Mayer.Richard@epamail.epa.gov>, "Albert Dye" <dyea@lanl.gov>, <brian.d.jordan@usace.army.mil>, "Bruner, Douglas W SPA" <Douglas.W.Bruner@spa02.usace.army.mil>, <monique.m.ostermann@spa02.usace.army.mil>, <david.w.henry@spa02.usace.army.mil>, <don.silkebakken@parsons.com> <michael.short@parsons.com>, <john.hackett@parsons.com>

FYI.

The Hazardous Waste Bureau has switched to a new phone system.

The new contact numbers for me will be:

Lee Winn

Phone: (505) 476-6041

Main HWB Phone: (505) 476-6000

Fax: (505) 476-6030

Lee Winn
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
Phone: 505-476-6041, Fax: 505-476-6030

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. --
This email has been scanned by the Sybari - Antigen Email System.

Subject: **Ammendment to STP**
Date sent: **Mon, 9 Jan 2006 11:03:04 -0700**
From: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>**
To: **<dyea@lanl.gov>**

Attached please find the draft letter we talked about today. Do you know if there are is any document that contraditcs the contents of this letter? I haven't found anything. Thanks, Lee

Lee Winn
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
Phone: 505-428-2541, Fax: 505-428-2567

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This email has been scanned by the Sybari - Antigen Email System.

Subject: Update on FFCO STP
Date sent: Tue, 14 Feb 2006 13:25:31 -0700
From: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
To: <dyea@lanl.gov>

I have been trying to call you the past couple of days but your telephone doesn't have voice mail. I am wondering about the status of the draft letter I emailed to you a while back. If its ok, I am planning to send you a final version. You were going to check with your lawyer to see if he had any heartburn. Let me know ASAP. Lee

Lee Winn
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
Phone: 505-428-2541, Fax: 505-428-2567

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Subject: **STP ammendment**
Date sent: **Mon, 27 Feb 2006 09:13:04 -0700**
From: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>**
To: **<dyea@lanl.gov>**

I tried to telephone you this morning to see if the MTRU waste can be sorted and reported as you discussed with Steve Zappe last week. Please telephone when you receive this email so we can discuss it. Regards Lee

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Subject: **RE: Draft MTRU STP table**
Date sent: **Tue, 6 Jun 2006 12:34:13 -0600**
From: **"Zappe, Steve, NMENV" <steve.zappe@state.nm.us>**
To: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>, <dyea@lanl.**

Lee, Albert -

Attached is the result of my review of the draft table and my edits for your consideration. I have several comments:

1. Please use TWBIR ID, not the local LANL ID. The waste stream profile forms for LANL TRU waste approved for WIPP refer to TWBIR IDs, so that is the only way we'll be able to correlate the STP table with waste shipped to WIPP. Although this isn't really a big deal, there are two local IDs of LA-M001 (equating to TWBIR IDs of LA-W001 and LA-W066).
2. I tried to reconcile the assignment of ID to the volumes you listed, and thus suggested some edits to the STP table. I appended an additional table (for information only, not to be included in the STP) to show the stored, projected, and final volumes as provided in the 1995 TWBIR. I would expect STP volumes to generally be less than TWBIR volumes, either due to LANL shipping waste offsite or (more likely) subsequent assay determined that some of the waste was low-level.
3. I have one TWBIR ID unaccounted for, and that is LA-W003, Solidified Aqueous Waste/ Solidified Inorganics. Likewise, I have no idea regarding the LA-M007 on the STP table (Organic Liquid), because it has a zero volume and WIPP can't accept liquid waste (so it's likely it would have to be solidified). Any idea where the 1200+ cubic meters of LA-W003 is to be found in your table?
4. I don't see any benefit to the column "Waste Treat Code", unless it is essential to explain the manner in which the treatability groups are broken down.

Please let me know if you have further questions about my edits or comments.

Steve

-----Original Message-----

From: Winn, Rosilee Lee, NMENV
Sent: Monday, June 05, 2006 10:43 AM
To: Zappe, Steve, NMENV
Subject: FW: Draft MTRU STP table

Here tis. Lee

-----Original Message-----

From: Albert Dye [<mailto:dyea@lanl.gov>]

Sent: Tuesday, May 30, 2006 9:22 AM
To: Winn, Rosilee Lee, NMENV
Subject: Draft MTRU STP table

Lee,

Attached is a draft of the MTRU STP Table 2.2-2 with the revised BIR codes. Please let me know if you have any questions or comments on the table. I hope to finalize the changes to the STP that we discussed and send you the revised copy to you this week. Thanks.

Albert Dye
ENV-Solid Waste Regulatory Compliance
Los Alamos National Laboratory
tel: 667-4715
fax: 667-5224

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Subject: Reschedule FFCO meeting
Date sent: Mon, 7 Aug 2006 09:44:40 -0600
From: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
To: "Zappe, Steve, NMENV" <steve.zappe@state.nm.us>
Copies to: "Albert Dye" <dyea@lanl.gov>

Seve,

It turns out that we have to reschedule the FFCO meeting that we planed for August 14th because J. Nunz wants to attend and he is out next week. I asked your staff if you are going to be in Monday the 21st and they said yes. I have tentatively rescheduled the meeting for August 21st at 9:00 am. If this doesn't work for you let me know. I really hope it does as we have delayed this too long in my opinion. I am anxious to resolve this issue and go ahead with the public notice process. Regards

Lee Winn
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New Mexico Environment Department
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Subject: **RE: STP MTRU meeting**
Date sent: **Mon, 14 Aug 2006 13:14:38 -0600**
From: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**

Hope we are still on for August 21 at 9:00 am. Steve Zappe said he can attend. Lets hope we can iron this out. Lee

-----Original Message-----

From: Albert Dye [mailto:dyea@lanl.gov]
Sent: Monday, July 10, 2006 1:45 PM
To: Winn, Rosilee Lee, NMENV
Subject: STP MTRU meeting

Lee,

I received the go ahead to try to schedule a meeting on MTRU waste categorization. Would you be available to meet on Tuesday August 8th? I anticipate that about 4 LANL representatives, 1 or 2 from DOE Los Alamos and 1 or 2 WIPP representatives could be in attendance. However, three people, besides yourself, that I definitely want at the meeting are Davis Christensen of LANL, a WIPP representative and Steve Zappe. The date is still tentative but I wanted to first check with your schedule. If you are not available on 8/8/06 please let me know when you could meet in August.

Thanks.

Albert Dye

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Subject: Leaving NMED
Date sent: Mon, 2 Apr 2007 11:50:35 -0600
From: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
To: "Albert Dye" <dyea@lanl.gov>
**Copies to: "Dhawan, Neelam, NMENV" <neelam.dhawan@state.nm.us>,
"Cobrain, Dave, NMENV" <dave.cobrain@state.nm.us>,
"Kielling, John, NMENV" <john.kielling@state.nm.us>**

I wanted to inform you that I am leaving NMED. My last day is April 17th. I will be working in the private sector again. It has not been decided who will replace me as the FFCO point of contact but in the meantime you may contact John Kielling. His number is 476-6035. His email is john.kielling@state.nm.us

I am sure that an official letter will be sent to you when a new point of contact is assigned.

Please inform anyone else on your end who needs to know this news. For your information, we have received the Revision 17.0, 2006 Annual Update.

It has been a pleasure working with you. Regards,

Lee Winn
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
Phone: 505-476-6041, Fax: 505-476-6030

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From: Albert Dye <dyea@lanl.gov>
To: "Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>
Subject: Re: Leaving NMED
Date sent: Tue, 03 Apr 2007 08:01:02 -0600

Lee,

Thank you for notifying me of your change in employment. I also have enjoyed working with you on the STP and I wish you great success in your new endeavor.

Albert Dye

>
> I wanted to inform you that I am leaving NMED. My last day is April
> 17th. I will be working in the private sector again. It has not been
> decided who will replace me as the FFCO point of contact but in the
> meantime you may contact John Kieling. His number is 476-6035. His
> email is john.kieling@state.nm.us
>
> I am sure that an official letter will be sent to you when a new point
> of contact is assigned.
>
> Please inform anyone else on your end who needs to know this news. For your
> information, we have received the Revision 17.0, 2006 Annual Update.
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> It has been a pleasure working with you. Regards,
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Subject: **New NMED FFCO contact**
Date sent: **Mon, 9 Apr 2007 11:45:36 -0600**
From: **"Winn, Rosilee Lee, NMENV" <rosileelee.winn@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**
Copies to: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**

Albert:

I just wanted to let you know that Rebecca Kay is probably going to be project contact for the FFCO. Here telephone number is 476-6052 and e-mail address is rebecca.kay@state.nm.us

She will be sending you an official letter soon. Regards,

Lee Winn
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505
Phone: 505-476-6041, Fax: 505-476-6030

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Subject: **RE: July 25, 2007 STP Notice of Completion**
Date sent: **Thu, 6 Sep 2007 14:15:00 -0600**
From: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**

Thanks Albert. See you Tuesday!

-----Original Message-----

From: Albert Dye [<mailto:dyea@lanl.gov>]
Sent: Thursday, September 06, 2007 10:08 AM
To: Kay, Rebecca, NMENV
Subject: July 25, 2007 STP Notice of Completion

Rebecca,

Attached is a copy of the July 25, 2007, Notice of completion of off-site waste shipment letter, ENV-RCRA: 07-177. Please let me know if you need any further information.

Albert Dye
ENV-RCRA
Los Alamos National Laboratory
tel: 667-4715
fax: 667-5224

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Subject: **Persons to CC**
Date sent: **Fri, 21 Sep 2007 10:49:46 -0600**
From: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**
Copies to: **"Cobrain, Dave, NMENV" <dave.cobrain@state.nm.us>, "Kieling, John, NMENV" <john.kieling@state.nm.us>**

Hello Albert-

One more question. Who from DOE and LANS must I CC on the STP Update NOD I will be sending to you? And is James Nunz still your DOE counterpart on the STP?

Thanks-
Rebecca

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From: **Albert Dye <dyea@lanl.gov>**
To: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
Subject: **Re: Persons to CC**
Date sent: **Fri, 21 Sep 2007 12:13:28 -0600**

Rebecca,

For LANS, you may copy Jack Ellvinger and Tony Grieggs. For DOE-LASO please copy Gene Turner. I will need to check with Gene Turner on Monday (he's off work today) on who the DOE STP manager is. Officially it is still

James Nunz, so I believe you can address correspondence to James until LASO decides on the STP manager position. Thanks.

Albert Dye

>
> Hello Albert-
>
> One more question. Who from DOE and LANS must I CC on the STP Update
> NOD I will be sending to you? And is James Nunz still your DOE
> counterpart on the STP?
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> Thanks-
> Rebecca
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>
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Subject: RE: Persons to CC
Date sent: Fri, 21 Sep 2007 12:49:39 -0600
From: "Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>
To: "Albert Dye" <dyea@lanl.gov>
Copies to: "Cobrain, Dave, NMENV" <dave.cobrain@state.nm.us>, "Kieling, John, NMENV" <john.kieling@state.nm.us>

Great Thanks Albert

-----Original Message-----

From: Albert Dye [mailto:dyea@lanl.gov]
Sent: Friday, September 21, 2007 12:14 PM
To: Kay, Rebecca, NMENV
Subject: Re: Persons to CC

Rebecca,

For LANS, you may copy Jack Ellvinger and Tony Grieggs. For DOE-LASO please copy Gene Turner. I will need to check with Gene Turner on Monday

(he's off work today) on who the DOE STP manager is. Officially it is still

James Nunz, so I believe you can address correspondence to James until LASO decides on the STP manager position. Thanks.

Albert Dye

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> Hello Albert-
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From: **Albert Dye <dyea@lanl.gov>**
To: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
Subject: **RE: Persons to CC**
Date sent: **Mon, 24 Sep 2007 08:43:54 -0600**

Rebecca,

Please add Dave Stewart of DOE LASO on any STP correspondence. I spoke to Dave Stewart this morning and he said DOE is trying to hire a Program Manager for mixed waste. My understanding is that person, once hired, will be the DOE STP project manager. Until then, please also add Dave Stewart as a contact. Thanks.

Albert Dye

> Great Thanks Albert

>

> -----Original Message-----

> From: Albert Dye [<mailto:dyea@lanl.gov>]

> Sent: Friday, September 21, 2007 12:14 PM

> To: Kay, Rebecca, NMENV

> Subject: Re: Persons to CC

>

> Rebecca,

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>> Rebecca

>>

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From: **Albert Dye <dyea@lanl.gov>**
To: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
Subject: **RE: Persons to CC**
Date sent: **Mon, 24 Sep 2007 10:22:26 -0600**

Rebecca,

The online directory lists him at mail stop A316. That mailstop seems to be common for all DOE-LASO employees. The directory lists him as John D. Stewart, so perhaps you should use that name. The physical address for DOE-LASO is:

Los Alamos Site Office (LASO)
528 35th Street
Los Alamos, NM 87544

Please let me know if you need any additional information.

Albert Dye

> Thanks Albert. Do you happen to know his physical address and Mail
> Stop?
>
> -----Original Message-----
> From: Albert Dye [mailto:dyea@lanl.gov]
> Sent: Monday, September 24, 2007 8:44 AM
> To: Kay, Rebecca, NMENV
> Subject: RE: Persons to CC
>
> Rebecca,
>
> Please add Dave Stewart of DOE LASO on any STP correspondence. I spoke
> to Dave Stewart this morning and he said DOE is trying to hire a
> Program Manager for mixed waste. My understanding is that person, once
> hired, will be the DOE STP project manager. Until then, please also
> add Dave Stewart as a contact. Thanks.
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> Albert Dye
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>> Great Thanks Albert
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>> From: Albert Dye [mailto:dyea@lanl.gov]
>> Sent: Friday, September 21, 2007 12:14 PM
>> To: Kay, Rebecca, NMENV
>> Subject: Re: Persons to CC
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>> Rebecca,
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Subject: **RE: Persons to CC**
Date sent: **Mon, 24 Sep 2007 10:26:55 -0600**
From: **"Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>**
To: **"Albert Dye" <dyea@lanl.gov>**

Thanks Albert!

From: Albert Dye [mailto:dyea@lanl.gov]
Sent: Monday, September 24, 2007 10:23 AM
To: Kay, Rebecca, NMENV
Subject: RE: Persons to CC

Rebecca,

The online directory lists him at mail stop A316. That mailstop seems to be common for all DOE-LASO employees. The directory lists him as John D. Stewart, so perhaps you should use that name. The physical address for DOE-LASO is:

Los Alamos Site Office (LASO)
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Albert Dye

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>> Rebecca,
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Subject: Addendum to STP Revision 17.0 Update and Information Request
Date sent: Fri, 16 Nov 2007 14:33:01 -0700
From: "Kay, Rebecca, NMENV" <Rebecca.Kay@state.nm.us>
To: "Albert Dye" <dyea@lanl.gov>
**Copies to: "Cobrain, Dave, NMENV" <dave.cobrain@state.nm.us>,
"Kielling, John, NMENV" <john.kielling@state.nm.us>**

Good afternoon Albert-

The purpose of this email is to give you notice that an addendum to the STP Revision 17.0 Update NOD and an Information Request regarding STP-FFCO information is heading your way; it is leaving our office this afternoon. I have attached these two letters electronically for your advance review. If you have any questions, please feel free to call me at 505.476.6052.

Have a great Thanksgiving holiday if I do not talk to you before then.

Cheers-

Rebecca Kay

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