START

0016294

NONRADIOACTIVE DANGEROUS WASTE LANDFILL

INTERNAL SHIPPING DOCUMENTS - MANIFESTS

CATEGORIZED PACKAGE

FOR YEAR 1983

9112247205 7

BEST AVAILABLE COPY

SEP 1991
RECEIVED
EDMC

**NOTES ON PREPARATION OF THE**
**NONRADIOACTIVE DANGEROUS WASTE LANDFILL**
**WASTE DISPOSAL DOCUMENT**
**FOR YEAR 1983**

1. The file copy of the Nonradioactive Dangerous Waste Landfill (NRDWL) disposal records for the operational years 1975 through 1985 were reviewed and assembled into waste disposal packets.

3. A waste disposal packet number is composed of the letter P (for packet), the last two digits of the year in which disposal took place, and a consecutively assigned three digit number starting with 001 for the first packet of each year (i.e. P75-001 or P83-001)

2. Generally, the disposal record packages contain information on the waste that was disposed only at the NRDWL. However, some waste disposal events have final disposal locations other than NRDWL, have unconfirmed disposal locations or have two or more final (partial) disposal locations. Other final disposal locations consist of the 2727-S/200W Offsite Staging Facility, United Nuclear Industries Landfill, Hanford Solid Waste Landfill, Hanford sanitary trenches, 200W burial area, or unidentified offsite locations. Retained in this document are those disposal events that identify the NRDWL as a final, partial or a uncertain disposal location. All disposal events having been identified as having been disposed of at an other facility either entirely or partially have been forwarded to that particular facility.

3. Records documenting disposal for a given year were assigned page numbers in the initial submittal of the file copy, "Manifest Records for Year 1983", on February 14, 1991. Records are numbered consecutively for each year beginning with 0000001. Generally all documents relating to a single disposal event are arranged in consecutive order. Occasionally, however, disposal packets contain related documents out of consecutive order. Some pages are related to more than one disposal event and appear in more than one waste disposal packet.

4. A cross reference table exists for this document which identifies the packet number, disposal date, file copy page numbers (from the original submittal), final disposal location, and trench number.

# DISPOSAL PACKET NUMBER

## P83-001

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

10 A 11

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Jim Allen TELEPHONE 3-1744

BUILDING/AREA 202 A - 300 E

II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME Asbestos

STORAGE LOCATION Outside 202 A Dock #3

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME 33 C.F. EA.

TYPE OF CONTAINER Dumpster AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Removed insulation

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Asbestos in sheets was stored in Dumpster at Dock #3 [illegible] Contact Bud [illegible] for key to unlock Dumpster 3-2475

APPROVED FOR DISPOSAL
BY [illegible]
DATE January 17, 1983

DISPOSAL LOCATION
Land fill Asbestos Trench
BY D. E. [illegible]
DATE 1-20-83

000188

9112172060

# DISPOSAL PACKET NUMBER

## P83-002

RHO

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME A. S. Barron TELEPHONE 3-1902

BUILDING/AREA 277W / 200W

II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME

STORAGE LOCATION 277W

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 1 Load WEIGHT ____ EA. VOLUME 5 yards ~~EA.~~

TYPE OF CONTAINER Steel Lugger AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

V. DATE DISPOSAL REQUIRED

VI. COMMENTS

Asbestos must be wetted and double bagged before disposal will be made!

APPROVED FOR DISPOSAL
BY M. H. Zeigler
DATE 1/12/82

DISPOSAL LOCATION Land Fill / ASBESTOS TRENCH
BY D. E. Kelly
DATE 1-20-83

000189

9112217206 2

# DISPOSAL PACKET NUMBER

## P83-003

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Don Brotherton TELEPHONE 3-2385

BUILDING/AREA 271U - 200 W

II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME "

STORAGE LOCATION 284 W

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ✓ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME 230³ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Removed Insulation

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Asbestos in plastic bags - stored in Dumpster

APPROVED FOR DISPOSAL
BY [signature]
DATE January 26, 1983

DISPOSAL LOCATION asbestos trench
Hanford Fill
BY D E Fisher
DATE 1-31-83

000202

# DISPOSAL PACKET NUMBER

## P83-004

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Don Brotherton TELEPHONE 3-2385

BUILDING/AREA 271U - 200W

II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME "

STORAGE LOCATION 210M

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ✓ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME 230³ EA.

TYPE OF CONTAINER Dumpster AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Removed Insulation

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Asbestos in plastic bag stored in Dumpster

APPROVED FOR DISPOSAL
BY [illegible]
DATE January 26, 1983

DISPOSAL LOCATION Land Fill
Asbestos Trench
BY D E Fisher
DATE 1-31-83

000203

# DISPOSAL PACKET NUMBER

## P83-005

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. **GENERATION:** The Generator should complete Part I and forward this form to: WS&DT
202-S 200 West
Rockwell

A. Generator's Name: E.L. SEELY Phone: 6-6493 Address: 1171 BLDG Company: RHO.

B. Custodian's Name: E.L. SEELY Phone: 6-6493 Address: 1171 Bldg-1100 Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| | Generic Name | Total Quantity | Type of Container | Number of Containers | Check One Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| 1. | Asbestos | 2 cu ft | | 1 | | | | |
| 2. | | | | | | | | |
| 3. | | | | | | | | |
| 4. | | | | | | | | |
| 5. | | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? YES If so, how? WATER Added

G. Storage location: LIGHT EQUIPMENT SHOP - 1171 Bldg 1100 AREA

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge. Survey Card Number: _____

Generator's Signature: E.L. Seely Date: 2-1-83

II. **APPROVAL**

A. Approved for disposal by Name: E.R. Cox Phone: 3-3679 Address: 202-S/200 West Rockwell

Date: 1/26/83 Signature: [illegible]

B. Packaging Requirements (specify): Double bagged and wetted.

C. Disposal Location: Land Fill Chemical Trench Asbestos Trench Asbestos X Trench

(check one) _____ 212-P (Storage). _____ Other

III. **TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: HIMAXEX Phone: 66654 Address: 1171 1100 AREA Company: RHO

B. Date Transported/Disposed: 2-2-83

C. Transporter(s) Signature: H. Hinsley 66654.

(N-1-82)

000201

9112217.2069

DISPOSAL PACKET NUMBER

P83-006

9 1 1 2 2 1 7 2 0 9 9

Return to
J.H. Litzinger
22-T/200W

Vargus

UNC

1-23

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

## I. CUSTODIAN

NAME WV COOK TELEPHONE 3-1420

BUILDING/AREA 105DR/100D

## II. IDENTIFICATION OF MATERIAL

TRADE NAME

CHEMICAL NAME Lithium Nitrite & Reaction Debris

STORAGE LOCATION 105DR

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

## III. PACKAGING

1. 390 #
2. 400 #
3. 350 #

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 3 WEIGHT ____ EA. VOLUME 55gal EA.

TYPE OF CONTAINER Steel Drum AGE OF CONTAINER New

## IV. REASON FOR DISPOSAL

By-product waste

## V. DATE DISPOSAL REQUIRED

2/15/83

## VI. COMMENTS

Material has already been reacted and absorbed.

APPROVED FOR DISPOSAL BY [illegible]
DATE January 28, 1983

DISPOSAL LOCATION Land Fill Chemical Trench
BY [illegible]
DATE 2-3-83

0000043

9112272070

P. Litzinger
12-T/209W
HO

VMQ

2-4-83

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

## I. CUSTODIAN

NAME WV COOK TELEPHONE 3-1420

BUILDING/AREA 105DR / 100D

## II. IDENTIFICATION OF MATERIAL

TRADE NAME

CHEMICAL NAME Lithium Nitrite & Reaction Debris

STORAGE LOCATION 105DR

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

## III. PACKAGING

1. 390 #
2. 400 #
3. 350 #

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 3 WEIGHT ____ EA. VOLUME 55gal EA.

TYPE OF CONTAINER Steel Drum AGE OF CONTAINER New

## IV. REASON FOR DISPOSAL

By-product waste

## V. DATE DISPOSAL REQUIRED

2/15/83

## VI. COMMENTS

Material has already been reacted and absorbed.

APPROVED FOR DISPOSAL
BY [illegible]
DATE January 28, 1983

DISPOSAL LOCATION Land Fill
Chemical Trench
BY [illegible]
DATE 2-3-83

000262

# DISPOSAL PACKET NUMBER

## P83-007

Stapleton

Rockwell

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

1-25

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name G.L. GURWELL Phone: 3-3490 Address: 2704-S 2W Company: R.H.O.

B. Custodian's Name J.S. BUCKINGHAM Phone: 3-2487 Address: MO-037 2W Company: R.H.O.

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. METAL DRUMS (Chem) | | 55 GAL | 31 | | | | EMPTY |
| 2. PLASTIC DRUM (Chem) | | 55 GAL. | 1 | | | | EMPTY |
| 3. METAL DRUMS (Chem) | | 30 GAL. | 2 | | | | EMPTY |
| 4. METAL TANK ON LEGS (Chem) | | 55 GAL. | 1 | | | | EMPTY |
| 5. | | TOTAL | 3455-T | 3-200gal | | | D.F.C. open End |

D. Have appropriate labels been affixed to containers? YES - ~~Not required~~ EMPTY TAGS

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? N/A If so, how? —

G. Storage Location: WEST END of 202-S BUILDING

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: WILL BE SURVEYED S-83-0124 R.C. Crawford,

Generator's Signature: G L Gurwell Date: January 19, 1983

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 1/28/83 Signature: Gary R. Cox

B. Packaging Requirements (specify): None

Land Fill Chemical Trench 2-3-83 D E Phelps

C. Disposal Location: X Chemical Trench, ____ Asbestos Trench,

(check one) ____ 212-P (Storage), ____ Other

**III. TRANSPORTATION/DISPOSAL**

Transporter(s) Name: W.A. Stephens Jr. Phone: 66654 Address: 1171 Company R.H.O

B. Date Transported/Disposed: 2/3/83

C. Transporter(s) Signature: W. A. Stephens Jr.

0000044

E 87510

BC-6700-174.1 (N-1-82)

9112217 2073

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name G.L. Gurwell Phone 3-3490 Address 2704-S 2W Company R.H.C

B. Custodian's Name J.S. Buckingham Phone 3-2487 Address 40-037 2W Company R.H.C.

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. METAL DRUMS (Chem) | | 55 GAL | 31 | | | | EMPTY |
| 2. PLASTIC DRUM (chem) | | 55 GAL | 1 | | | | EMPTY |
| 3. METAL DRUMS (chem) | | 30 GAL | 2 | | | | EMPTY |
| 4. METAL TANK ON LEGS (chem) | | 55 GAL | 1 | | | | EMPTY |
| 5. | | TOTAL | 3955 + 3-30 gal | | | | Will empty Cont |

D. Have appropriate labels been affixed to containers? YES - ~~Not required~~ EMPTY TAGS

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? N/A If so, how? —

G. Storage Location: WEST END of 202-S Building

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: WILL BE SURVEYED 5-83-0124 R.C. Crawford,

Generator's Signature: G. L. Gurwell Date: January 19, 1983

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 1/28/83 Signature: G.R. Cox

B. Packaging Requirements (specify): None

Land Fill Chemical Trench 2-3-83 R.E. Pehelpe

C. Disposal Location: X Chemical Trench, ____ Asbestos Trench,

(check one) ____ 212-P (Storage), ____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: W.A. Stephens Jr. Phone: 66654 Address: 1171 Company R.H.C

B. Date Transported/Disposed: 2/3/83

C. Transporter(s) Signature: W.A. Stephens Jr.

E 87510

1-82)

000263

9112212172074

**DISPOSAL PACKET NUMBER**

**P83-008**

9 1 1 2 2 1 7 2 0 7 5

Rockwell

129

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: [illegible] Phone: 373-2323 Address: 202A 200E Company: Rockwell

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. EMPTY 55 GAL. DRUMS | 26 | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? YES

F. Has waste been treated in any manner? Flushed If so, how? Flushed

G. Storage Location: 211-A

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: A053 0305

Generator's Signature: [illegible] Date: 1/31/83

II. APPROVAL

A. Approved for disposal by Name: G.R Cox Phone: 3-3679 Address 202-S/2-W Co.: RHO

Date: February 2, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): N/A

C. Disposal Location: Chemical Trench Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

D E Phelps

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: S-Cothens Phone: 66654 Address: 1171 Company RHO

B. Date Transported/Disposed: 2-9-83

C. Transporter(s) Signature: [illegible]

0000045

BC-6700-174.1 (N-1-82)

9702711216

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT
202-S/200 West
Rockwell

A. Generator's Name: [illegible] Phone: 373 2323 Address: 202A 200E Company: Rockwell

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. EMPTY 55 GAL. DRUMS | 26 | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? YES

F. Has waste been treated in any manner? Flushed If so, how? Flushed

G. Storage Location: 211-A

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable), and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: A053 0305

Generator's Signature: [illegible] Date: 1/31/83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/2-H Co.: RHO
Date: February 2, 1983 Signature: [illegible] R. Cox

B. Packaging Requirements (specify): N/A

C. Disposal Location: Chem Trench Chemical Trench, _____ Asbestos Trench,
(check one) _____ 212-P (Storage), _____ Other
D. E. Phelps

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: Cathens Phone: 66654 Address: 1171 Company RHO.

B. Date Transported/Disposed: 2-9-83

C. Transporter(s) Signature: [illegible]

1.1 (N-1-82)

000261

# DISPOSAL PACKET NUMBER

## P83-009

DON'T SAY IT --- Write It!

DATE November 14, 1983

TO ~~R.A. Polk~~ Dennis Poor

FROM Gary R. Cox

Please sign this Disposal Request, attach a copy of the orginal reference letter listing the empty containers (PS-017-83), and send it to Dennis Poor
1171 Bldg./1100 Area
RHO.

This should get things straightened out so we may continue to serve you as we have in the past.
Thanks.

Any problems call me, R.A. Polk
Ph. 3-2323

"TO MAKE LIFE LAST, PUT SAFETY FIRST"

GIVE THIS TO
GENE AT THE
LANDFILL

0000185

HEDL

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. **GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: C S Hofmeister Phone: 6-3420 Address: 340/300 Company: HEDL

B. Custodian's Name: SAME Phone: SAME Address: HEDL Boneyard Company: HEDL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Hydroxide Liquid | 17 | 55-gallon | 17 | | | | |
| 2. CAUSTIC | | drum | | Drums rinsed-empty | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? yes

F. Has waste been treated in any manner? No If so, how? (Caustic emplied; drums rinsed)

G. Storage Location: Currently at HEDL Boneyard Awaiting disposal

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: C S Hofmeister Date: 2-10-83

II. **APPROVAL**

A. Approved for disposal by Name: M H Litzinger Phone: 3-2662 Address 202-S 200W Co.: RHO

Date: 1/12/83 Signature: M H Litzinger

B. Packaging Requirements (specify): Empty Caustic Drum - This request is not good for any other wastes

C. Disposal Location: Chemical Trench (Chemical Trench) _____ Asbestos Trench, (check one) _____ 212-P (Storage), _____ Other

D E Phelps

III. **TRANSPORTATION/DISPOSAL**

Transporter(s) Name: Lance Davis Phone: 66654 Address 1171 Company PHO

B. Date Transported/Disposed: 2-10-83

C. Transporter(s) Signature: Lance Davis

0000156

BC-6700-174.1 (N-1-82)

0 3 0 7 2 2 7 1 1 6

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to WS&DT 202-S/200 West Rockwell

A. Generator's Name: C S Hofmeister Phone: 6-3442 Address: 3710/300 Company: HEDL

B. Custodian's Name: SAME Phone: SAME Address: HEDL Boneyard Company: HEDL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | Check One: Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Hydroxide Liquid Caustic | 17 | 55-gallon drum | 17 | Drums rinsed-empty | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess waste? Yes

F. Has waste been treated in any manner? No If so, how? (Caustic emplied; drums rinsed)

G. Storage Location: Currently at HEDL Boneyard Awaiting disposal

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: C S Hofmeister Date: 2-10-83

II. APPROVAL

A. Approved for disposal by Name: M H Litzinger Phone: 3-2662 Address: 202-S Co. GHC

Date: 1/12/83 Signature: M H Litzinger

B. Packaging Requirements (specify): Empty Caustic Drum - This request is not such for any other wastes

C. Disposal Location (check one): Chemical Trench (Chemical Trench) _____ Asbestos Trench, _____ 212-P (Storage), _____ Other

O E Fabiola

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: Lance Dann Phone: 66654 Address: 1171 Company: PHD

B. Date Transported/Disposed: 2-10-83

C. Transporter(s) Signature: Lance Dann

00-174.1 (N-1-82)

000260

# DISPOSAL PACKET NUMBER

## P83-010

RADIATION RELEASE

BLDG. 202-S DATE 3-9-83

RELEASED BY R.C. Crawford
RADIATION MONITORING

REMARKS: Survey 5-83-0305
10-Empty Drums —

54-3000-022 (5 - 57)

Rockwell

25

TIVE HAZARDOUS WASTE

I. GEN

orm to: WS&DT
202-S/200 West
Rockwell

A. Generator's Name: G.L. GURWELL Phone: 3-7490 Address: 2704-S Bldg 200 West Company: RHO

B. Custodian's Name: J.S. BUCKNUM Phone: 3-2487 Address: MO-037 200 West Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Trichloroethylene | MT. | 55gal Drum | 1 | | | | |
| 2. Oil Drums | MT. | 55gal " | 2 | | | | |
| 3. Tributylphosphate | MT. | 55gal " | 1 | | | | |
| 4. NALCO 5 Solution | MT. | 55gal " | 5 | | | | |
| 5. " " | MT. | 30gal " | 1 | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? Yes

F. Has waste been treated in any manner? No If so, how? _____

G. Storage Location: WEST End of 202-S Bldg.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: To Be Surveyed 3-83-0305 R.C. Crawford

Generator's Signature: G.L. Gurwell Date: March 3, 1983

II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3671 Address: 202-S/200-W Co.: Rockwell

Date: March 3, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): No problems if empty.

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: LARRY D. PADILLA Phone: 66178 Address: 1171 Company RHO

B. Date Transported/Disposed: 3-9-83

C. Transporter(s) Signature: Larry D. Padilla

0000056

BC-6700-174.1 (N-1-82)

9112272033

# DISPOSAL PACKET NUMBER

# P83-011

Rockwell

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

## I. CUSTODIAN

NAME M. C. Thompson TELEPHONE 6e-7110

BUILDING/AREA 1166 / 1100

## II. IDENTIFICATION OF MATERIAL

TRADE NAME Stock # 51-0100-475

CHEMICAL NAME Phosphoric Acid

STORAGE LOCATION Acid House - 1100 area

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

## III. PACKAGING

LIQUID ✓ SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

## IV. REASON FOR DISPOSAL

Old - solidified/crystalized

## V. DATE DISPOSAL REQUIRED

ASAP

## VI. COMMENTS

See attached PDR # 82-270

Land fill at Chemical Trench/Central Landfill

APPROVED FOR DISPOSAL BY [signature]

DATE March 7, 1983

DISPOSAL LOCATION Chemical Trench

BY [signature]

DATE 3-21-83

Called & talked to [illegible] w/Mark L

000001

NAME OF CONTRACTOR

# PROPERTY DISPOSAL REQUEST

70430

RHOM-270

CROSS CONTROL NO

## PART I — DESCRIPTION OF PROPERTY AND REASON FOR DISPOSAL

| ITEM | QTY. | UNIT | INCLUDE IDENTIFICATION NUMBERS, SUCH AS: NEW, EQUIPMENT PIECE, SERIAL NOS., BUILDING FROM WHICH REMOVED, PROJECT AFFECTED, ETC. | UNIT ACQ. VALUE | ACCRUING LIABILITY TO ISSUE | PROPERTY MGT. USE ONLY. DISPOSE OF AS * |
|---|---|---|---|---|---|---|
| | | | 0100 | | | |
| 1 | 1 | EA | 57-8820-475 PHOSPHORIC ACID | | | #2 |
| 2 | 35 | E | 54-2160-248 FORMS RL 248 | | | #5 |
| 3 | 1 | EA | 57-4450-140 GLASS | | | #5 |
| 4 | 3 | EA | 57-1292-055 GLASS GROUND JOINT | | | #5 |
| 5 | 260 | EA | 16-0001-001 16 CARAFEDGS | | | #5 |
| 6 | 1 | EA | 57-0760-100 GRADUATED CYLINDER GLASS | | | #5 |
| 7 | 1 | EA | 17-4860-940 LAMPS 200 WATT | | | #5 |
| 8. | 2 | EA | 12-7310-002 OIL | | | #5 |
| 9. | 1 | EA | 57-1026-250 FLASK | | | #5 |
| 10 | 1 | EAS | 18-2693-150 FILM | | | #2 |
| 11 | 1 | BOX | 53-7570-113 RIBBONS | | | #2 |
| 12 | | | | | | |

* DISPOSITION SYMBOLS: 1. — EXCESS 2. — SALVAGE 3. — SCRAP 4. — BURY 5. — DESTROY 6. — OTHER (EXPLAIN)

REASON FOR DISPOSAL (IF CONTAMINATED, ATTACH RADIATION SURVEY REPORT.)

1. OLD - SOLIDIFIED
2. OLD REVISION
3. BROKEN WHEN RECEIVED
4. BROKEN WHEN RECEIVED
5. OLD REVISION*
6. BROKEN WHEN RECEIVED
7. BROKEN WHEN RECEIVED
8. BROKEN IN HANDLING
9. BROKEN WHEN RECEIVED
10. DEFECTIVE
11. DAMAGED IN HANDLING

*** CERTIFIED TO BE FREE OF CONTAMINATION:
SIGNED: M.C. Thompson
M.C. THOMPSON, MM WAREHOUSING AND DISTRIBUTION

THE PROPERTY LISTED ABOVE — ☐ IS ☒ IS NOT — TOXIC OR HAZARDOUS TO HUMANS, ANIMALS OR THE ENVIRONMENT

| COMPONENT | DATE | LOCATION OF MATERIAL |
|---|---|---|
| MATERIAL - WAREHOUSING AND DISTRIBUTION | 4-28-82 | |

| ORIGINATOR | BUILDING | PHONE | LOCATION OF BURIAL |
|---|---|---|---|
| M.C. Thompson<br>M.C. THOMPSON | 1166 | 376-7110 | |

| RM CLEARANCE FOR PUBLIC SALE | SURVEY NO. | DATE |
|---|---|---|
| M.C. Thompson | VR | |

SIGNATURE OF REQUESTING AUTHORITY
M.C. Thompson

## PART II — INVESTIGATION

AN INVESTIGATION HAS BEEN MADE AND DISPOSITION INSTRUCTIONS HAVE BEEN NOTED IN PART I ABOVE.

| BY | DATE |
|---|---|
| J. J. Burke | 5/12/82 |

## PART III — DISPOSITION RECEIPT

| BY | DATE |
|---|---|
| [illegible] | 5/19/82 |

| DISPOSED OF PER INSTRUCTIONS IN PART I (BY) | DATE |
|---|---|
| | |

NOTE: THE SIGNATURE FOR RM CLEARANCE AND THE SURVEY NUMBER MUST BE OBTAINED THE SAME DAY AS THE ARRIVAL OF THE PROPERTY AT THE STORES SALE YARD.

## PART IV — APPROVAL

DISPOSITION OF THE ABOVE PROPERTY OR MATERIALS IN ACCORDANCE WITH THE ABOVE RECOMMENDATIONS IS APPROVED.

| SIGNATURE OF APPROVING OFFICIAL | DATE |
|---|---|
| | |

## PART V — INVENTORY CONTROL

IN THE CASE OF INVENTORY MATERIALS DESIGNATED BY ITEM NUMBER ABOVE ACCOUNT TO BE RELIEVED AND OFFSETTING ACCOUNT TO BE CHARGED.

| ITEM NO. | DEBIT ACCOUNT | CREDIT ACCOUNT |
|---|---|---|
| | | |

0000015

96-3000-217 (4-78)

MEMORANDUM COPY

1-17

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Jim Kreiszel TELEPHONE 6-6764

BUILDING/AREA 1169 Bldg. / 1100 Area

II. IDENTIFICATION OF MATERIAL

TRADE NAME Phosphoric Acid

CHEMICAL NAME Same

STORAGE LOCATION 1169 Bldg. (Acid House)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Old - Crystallized

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Attached PDR # RHO-82-270.

APPROVED FOR DISPOSAL BY Roy R Cox

DATE January 21, 1983

DISPOSAL LOCATION Chemical Trench

BY D E Phelps

DATE 3-21-83

0000016

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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 records.

MANIFEST DOCUMENT NUMBER

ONSITE 3068-1

| TO: | FROM: |
|---|---|
| T/S/D FACILITY | Generator |
| E.P.A. ID Code No. WA 737-000-5987 | E.P.A. ID Code No. WA [illegible] |
| Address | Address |
| Destination | Origin |
| Phone | Phone |

| Container No. | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | Haz. Mat. U.N. No. | EPA Haz. Waste | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | [illegible], WASTE | [illegible] | [illegible] | | [illegible] | [illegible] |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. This agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☒ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name [illegible]

Phone [illegible]

National Response Center 1-800-424-8802

in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature [signature] Date 3-7-83

TRANSPORTER #1 [illegible] E.P.A. ID No. [illegible]

Address [illegible]

City _____ State _____ Zip _____ Phone [illegible]

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

COPY 0000017

Rockwell

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

2-7

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME M. C. Thompson TELEPHONE 6-7110

BUILDING/AREA 1166 / 1100

II. IDENTIFICATION OF MATERIAL

TRADE NAME Stock # 51-0100-475

CHEMICAL NAME Phosphoric Acid

STORAGE LOCATION Acid House - 1100 area

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ✓ SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Old - solidified/crystalized

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

See attached PDR # 82-270

Land fill at Chemical Trench/Central Landfill

APPROVED FOR DISPOSAL BY Sam R. Cox

DATE March 7, 1983

DISPOSAL LOCATION Chemical Trench

BY ____

DATE ____

Called & talked to Dave Lewis w/ Mical L

3-21-83?

0000057

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME Jim Kreiszel TELEPHONE 6-6764

BUILDING/AREA 1169 Bldg. / 1100 Area

II. IDENTIFICATION OF MATERIAL

TRADE NAME Phosphoric Acid

CHEMICAL NAME Same

STORAGE LOCATION 1169 Bldg. (Acid House)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ____ GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Old - Crystallized

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Attached PDR # RHO-82-270.

APPROVED FOR DISPOSAL BY Gary R. Cox

DATE January 21, 1983

DISPOSAL LOCATION Chemical Trench

BY D E Phelps

DATE 3-21-83

000255

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER: ONSITE 3062-1

| TO: | FROM: |
|---|---|
| T/S/D FACILITY Hanford Central Landfill | Generator Rockwell Material |
| E.P.A. ID Code No. WA 789-000-8967 | E.P.A. ID Code No. WA-789-000-8967 |
| Address | Address Bldg 11b, Stores |
| Destination Chemical Trench | Origin Stores Stall |
| Phone N/A | Phone 6-7110 |

| Class | Proper Shipping Name | Hazard Class | No. | | Weight | Labels Required (for Exception Rail) |
|---|---|---|---|---|---|---|
| 1 | Phosphoric Acid, Waste Level 1 Spilled Glass Bottle | Corrosive material | UN 1805 | | <10lbs | Corrosive |

PLACARDS REQUIRED None

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $_____ Per _____

FREIGHT CHARGES: PREPAID ☒ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY N/A
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name Gary Cox
Phone 3-6079

National Response Center 1-800-424-8802 In D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C. Hansen Date 3-9-83

TRANSPORTER #1 John Wayne Cass E.P.A. ID No. WA-789-000-8967
Address 1171
City _____ State _____ Zip _____ Phone 326-6657

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 2 Signature _____ Date 3-21-83

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.
T/S/D FACILITY Signature US Pipe Chemical Trench Date 3-21-83

**TRANSPORTER #1 COPY** 000258

# DISPOSAL PACKET NUMBER

## P83-012

E 69792 / 320 Rockwe

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

2/3

**I. GENERATION:** The Generator should complete Part I and forward this form to:

WS&DT
202-S/200 West
Rockwell

A. Generator's Name: G. Burch Phone: 3-2484 Address: 222S 200W Company: Rockwell

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| #2 | 1. gasoline | 170 ml | glass | 2 | | ✓ | | |
| ✗ | 2. xylene | 4800 ml | glass | 12 | | ✓ | | |
| ✗ | 3. toluene | 1800 ml | glass | 3 | | ✓ | | |
| ✗ | 4. cyclohexane | 1000 ml | glass | 2 | | ✓ | | |
| | 5. ~~[illegible]~~ | | | | | ✓ | | |

D. Have appropriate labels been affixed to containers? _____ Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? _____

F. Has waste been treated in any manner? _____ If so, how? _____

G. Storage Location: _____

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Gayle Burch Date: 12-6-82

**II. APPROVAL**

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: March 3, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Already in storage at 2727-S Bldg. (Offsite Shipment Bldg.)

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: John W. Carr Phone: 86654 Address: 1171 Company RHO

B. Date Transported/Disposed: 3/21/83

C. Transporter(s) Signature: John Wayne Carr

0000054

OE Pfeifer Chemical Trench 3-21-83

C-6700-174.1 (N-1-82)

9112217309 3

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| | 6. tetra-n-propyl ammonium hydroxide | 40 ml | poly bottle | 1 | | ✓ | | |
| | 7. Di-n-butyl sulfoxide | 400 ml | glass | 4 | | ✓ | | |
| X | 8. 2,4,-D-amine | 100 ml | poly | 1 | | ✓ | | |
| X | 9. Dicamba | 200 ml | poly | 1 | | ✓ | | |
| X | 10. Treflan | 200 ml | poly | 1 | | ✓ | | |
| | 11. [illegible] | [illegible] | [illegible] | 1 | | ✓ | | |
| X | 12. Tordon | 200 ml | poly | 1 | | ✓ | | |
| | 13. 50% Hydrogen Peroxide | 500 ml | poly | 1 | | ✓ | | |
| | 14. Type B Polymer holdup | 200 ml | poly | 1 | | ✓ | | |
| | 15. Type A Polymer | 200 ml | poly | 1 | | ✓ | | |
| | 16. | | | | | | | |
| | 17. | | | | | | | |
| | 18. | | | | | | | |
| | 19. | | | | | | | |
| | 20. | | | | | | | |
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| | 31. | | | | | | | |
| | 32. | | | | | | | |
| | 33. | | | | | | | |
| | 34. | | | | | | | |

0000055

SC-6700-174.2 (N-1-82)

9112172094

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT
202-S/200 West
Rockwell

A. Generator's Name: G. Burch Phone: 3-2484 Address: 222 S 200W Company: Rockwell

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| 2 | 1. gasoline | 170 ml | glass | 2 | | ✓ | | |
| X | 2. xylene | 4800 ml | glass | 12 | | ✓ | | |
| X | 3. toluene | 1800 ml | glass | 3 | | ✓ | | |
| X | 4. cyclohexane | 1000 ml | glass | 2 | | ✓ | | |
| | 5. ~~[illegible]~~ | ~~[illegible]~~ | ~~glass~~ | | | ✓ | | |

D. Have appropriate labels been affixed to containers? _____ Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? _____

F. Has waste been treated in any manner? _____ If so, how? _____

G. Storage Location: _____

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Gayle Burch Date: 12-6-82

II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell
Date: March 3, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Already in storage at 2727-S Bldg. (Offsite shipment (Bldg.)

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,
(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: John W. Cass Phone: 86654 Address: 1171 Company: RHO

B. Date Transported/Disposed: 3/21/83

C. Transporter(s) Signature: John Eugene Cass

OE Phelps Chemical Trench 3-21-83

HC-6700-174.1 (N-1-82)

000251

9112217209 5

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| #1 | 6. tetra-n-propyl ammonium hydroxide | 40 ml | poly bottle | 1 | | ✓ | | |
| | 7. Di-n-butyl sulfoxide | 400 ml | glass | 4 | | ✓ | | |
| X | 8. 2,4-D-amine | 100 ml | poly | 1 | | ✓ | | |
| X | 9. Dicamba | 200 ml | poly | 1 | | ✓ | | |
| X | 10. Treflan | 200 ml | poly | 1 | | ✓ | | |
| | 11. ~~[illegible]~~ | ~~[illegible]~~ | | 1 | | ✓ | | |
| X | 12. Tordon | 200 ml | poly | 1 | | ✓ | | |
| | 13. 50% Hydrogen Peroxide | 500 ml | poly | 1 | | ✓ | | |
| #3 | 14. Type B Polymer holdup | 200 ml | poly | 1 | | ✓ | | |
| | 15. Type A Polymer | 200 ml | poly | 1 | | ✓ | | |
| | 16. | | | | | | | |
| | 17. | | | | | | | |
| | 18. | | | | | | | |
| | 19. | | | | | | | |
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| | 31. | | | | | | | |
| | 32. | | | | | | | |
| | 33. | | | | | | | |
| | 34. | | | | | | | |

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT
202-S/200 West
Rockwell

A. Generator's Name: G. Burch Phone: 3-2484 Address: 222 S 2004 Company: Rockwell

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| #2 | 1. gasoline | 170 l | glass | 2 | | ✓ | | |
| X | 2. xylene | 4800 ml | glass | 12 | | ✓ | | |
| X | 3. toluene | 1800 ml | glass | 3 | | ✓ | | |
| X | 4. cyclohexane | 1800 ml | glass | 2 | | ✓ | | |
| | 5. ~~[illegible]~~ | ~~[illegible]~~ | ~~glass~~ | ~~[illegible]~~ | | ✓ | | |

D. Have appropriate labels been affixed to containers? _____ Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? _____

F. Has waste been treated in any manner? _____ If so, how? _____

G. Storage Location: _____

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Gayle Burch Date: 12-6-82

II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200 West Co.: Rockwell
Date: March 3, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Already in storage at 2727-S Bldg. (Offsite Shipment (Bldg.)

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,
(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: John W. Cace Phone: 86654 Address: 1171 Company RHO

B. Date Transported/Disposed: 3/21/83

C. Transporter(s) Signature: John Edwyne Cace

J E Pheifer Chemical Trench 3-21-83

HC-6700-174.1 (N-1-82)

000253

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| #1 | 6. tetra-n-propyl ammonium hydroxide | 40 ml | poly bottle | 1 | | ✓ | | |
| 1 | 7. Di-n-butyl sulfoxide | 400 ml | glass | 4 | | ✓ | | |
| X | 8. 2,4,5-D-amine | 100 ml | poly | 1 | | ✓ | | |
| X | 9. Dicamba | 200 ml | poly | 1 | | ✓ | | |
| X | 10. Treflan | 200 ml | poly | 1 | | ✓ | | |
| | 11. ~~[illegible]~~ | ~~[illegible]~~ | ~~[illegible]~~ | 1 | | ✓ | | |
| X | 12. Tordon | 200 ml | poly | 1 | | ✓ | | |
| | 13. 50% Hydrogen Peroxide | 500 ml | poly | 1 | | ✓ | | |
| #3 | 14. Type B Polymer holdup | 200 ml | poly | 1 | | ✓ | | |
| | 15. Type A Polymer | 200 ml | poly | 1 | | ✓ | | |
| | 16. | | | | | | | |
| | 17. | | | | | | | |
| | 18. | | | | | | | |
| | 19. | | | | | | | |
| | 20. | | | | | | | |
| | 21. | | | | | | | |
| | 22. | | | | | | | |
| | 23. | | | | | | | |
| | 24. | | | | | | | |
| | 25. | | | | | | | |
| | 26. | | | | | | | |
| | 27. | | | | | | | |
| | 28. | | | | | | | |
| | 29. | | | | | | | |
| | 30. | | | | | | | |
| | 31. | | | | | | | |
| | 32. | | | | | | | |
| | 33. | | | | | | | |
| | 34. | | | | | | | |

# DISPOSAL PACKET NUMBER

# P83-013

Rockwell

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

2-9

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: W.W. TAYLOR Phone: 6-1514 Address: 1166/1100 Company: ROCKWELL

B. Custodian's Name: J.F. KNEISZEL Phone: 6-1514 Address: 1169 Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. AMMONIUM FLUORIDE | 2 GAL | PLASTIC | 2 | | X | | UNKNOWN |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5 | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? NO If so, how? N/A

G. Storage Location: 1169 /1100 ACID STORAGE BUILDING

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: W.W. TAYLOR W W Taylor Date: 3-10-83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: March 14, 1983 Signature: G R Cox

B. Packaging Requirements (specify): None

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: John W. Cace Phone: 66654 Address: 1171 Company RHO

B. Date Transported/Disposed: 3/21/83

C. Transporter(s) Signature: John Wayne Cace

0000055

D E Phelps Chemical Trench 3-21-83

BC-6708-174.1 (N-1-82)

0013722116

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

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

MANIFEST DOCUMENT NUMBER

ONSITE 3075-1

| | |
|---|---|
| TO: HANFORD CENTRAL LANDFILL<br>T/S/D FACILITY | FROM: ROCKWELL MATERIAL<br>Generator |
| E.P.A. ID Code No. WA-789-000-8967 | E.P.A. ID Code No. WA-789-000-8967 |
| Address | Address 1166 BUILDING/1100 AREA |
| Destination CHEMICAL TRENCH | Origin HOT STORES STOCK |
| Phone N/A | Phone 376-7110 |

| | DOT PROPER SHIPPING NAME | HAZARD CLASS | DOT ID No. | EPA Haz Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 2 | AMMONIUM FLUORIDE 2 EACH 1 GAL. | ORM-B | UN2505 | | 14 LBS | POISON |
| | PLASTIC JUG | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$_____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY N/A

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name GARY COX

Phone 373-3679

National Response Center 1-800-424-8802 in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature W.W. TAYLOR Date 3-16-88

TRANSPORTER #1 _____ E.P.A. ID No. WA-789-000-8967

Address 117

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

T/S/D F COPY

0000059

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: W.W. TAYLOR Phone: 6-1514 Address: 1166/1100 Company: ROCKWELL

B. Custodian's Name: J.F. KNEISZEL Phone: 6-1514 Address: 1169 Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. AMMONIUM FLUORIDE | 2 GAL | PLASTIC | 2 | | X | | UNKNOWN |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? NO If so, how? N/A

G. Storage Location: 1169 /1100 ACID STORAGE BUILDING

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: W.W. TAYLOR W W Taylor Date: 3-10-83

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: March 14, 1983 Signature: G R Cox

B. Packaging Requirements (specify): None

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: John W Cave Phone: 66654 Address: 1171 Company RHO

B. Date Transported/Disposed: 3/21/83

C. Transporter(s) Signature: John Wayne Cave

D E Phelps Chemical Trench 3-21-83

BC-6700-174.1 (N-1-82)

000256

9112272102

# THIS SHIPPING ORDER

Must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

ONSITE 3075-1

| | |
|---|---|
| TO: HANFORD CENTRAL LANDFILL<br>T/S/D FACILITY | FROM: ROCKWELL MATERIAL<br>Generator |
| E.P.A. ID Code No. WA-789-000-8967 | E.P.A. ID Code No. WA-789-000-8967 |
| Address | Address 1166 BUILDING/1100 AREA |
| Destination CHEMICAL TRENCH | Origin NOT STORES STOCK |
| Phone N/A | Phone 376-7110 |

| Containers | DOT PROPER SHIPPING NAME | HAZARD CLASS | Hazardous Waste No. | EPA Haz. Waste | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 2 | AMMONIUM FLUORIDE 2 EACH 1 GAL. | ORM-B | UN2505 | | 14 LBS | POISON |
| | PLASTIC JUG | | | | | |

US WASTE

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

Shipper's Declaration of the commodities, of this consignment to be in conformance with the transport contract between the shipper and the carrier.

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

Signature of Consignor

FREIGHT CHARGES
PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs 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 below, which said carrier (the word carrier being understood throughout this 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. It is 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 bill of 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.

HAZARDOUS

## ALTERNATE DESTINATION (EMERGENCY ONLY)

T/S/D FACILITY N/A
E.P.A. ID Code No. _____
Address _____
Destination _____

## EMERGENCY RESPONSE INFORMATION

CONTACT Name GARY COX
Phone 373-3679

National Response Center 1-800-424-8802
In D. C. 426-2675

## CERTIFICATION

This is to certify that the above 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 and the E.P.A.

Generator Signature W.W. TAYLOR W W Taylor Date 3-16-88

TRANSPORTER #1 John Wayne Cass E.P.A. ID No. WA-789-000-8967
Address 1171
City _____ State _____ Zip _____ Phone 376-6654

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature [illegible] Date [illegible]

TRANSPORTER #1 COPY

000257

# DISPOSAL PACKET NUMBER

## P83-014

Rockwell

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: Mike Malarch Phone: 66654 Address: 1160 Dome Company: Rockwell

B. Custodian's Name: Mike Malarche Phone: 66654 Address: 1160 Dome Company: Rwh

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Empty Pesticide Containers | 108 | Paper | | | | | NON |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? NA

F. Has waste been treated in any manner? NO If so, how? NA

G. Storage Location: 4 Barrel Cadre Chemical Storage Shed.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: [signature] Date: 3/29/83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: 2/25/83 Signature: [signature]

B. Packaging Requirements (specify): N/A

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

DE Phelps Chemical Trench 3-29-83

III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: John W. Cox Phone: 66654 Address: 1101 Company RHO

B. Date Transported/Disposed: 3/29/83

C. Transporter(s) Signature: John Wayne Cox

0000157

BC-6700-174.1 (N-1-82)

9112212105

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT
202-S/200 West
Rockwell

A. Generator's Name: Mike Malarch Phone: 66654 Address: 1160 Dorr Company: Rockwell

B. Custodian's Name: Mike Malarche Phone: 66654 Address: 1160 Dorr Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1 Empty Pesticide Containers | 103 | Paper | | | | | N.A. |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? NA.

F. Has waste been treated in any manner? NO If so, how? NA

G. Storage Location: 4 Barrel Cache: Chemical Storage Shed.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: [signature] Date: 3/29/83

II. APPROVAL

A. Approved for disposal by Name: G. R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell
Date: 2/25/83 Signature: [signature]

B. Packaging Requirements (specify): N/A

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,
(check one) _____ 212-P (Storage), _____ Other

DE Phelps Chemical Trench 3-29-83

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: John W. Carr Phone: 66654 Address: 1101 Company RHO

B. Date Transported/Disposed: 3/29/83

C. Transporter(s) Signature: John Wayne Carr

(N-1-82)

000200

9112272106

# DISPOSAL PACKET NUMBER

## P83-015

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN

NAME B.H. Clark TELEPHONE 3-2355

BUILDING/AREA 284E - 200E

II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME "

STORAGE LOCATION 2101M

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO ✓

III. PACKAGING

LIQUID ____ SOLID ✓ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME 30 EA.

TYPE OF CONTAINER Dumpster AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Removed Insulation

V. DATE DISPOSAL REQUIRED

ASAP

VI. COMMENTS

Asbestos is in Plastic bags Stored in Dumpster

APPROVED FOR DISPOSAL
BY [illegible]
DATE 4/4/83

DISPOSAL LOCATION Asbest trench
BY [illegible]
DATE 4-4-83

000190

# DISPOSAL PACKET NUMBER

**P83-016**

9 1 1 2 2 1 7 2 1 0 9

Rockwell

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

2-27

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: D.D. ROUNTRY Phone: 3 2108 Address: 202-S/200W Company: ROCKWELL

B. Custodian's Name: E.P. THOMPSON Phone: 3 2394 Address: 279 WA/200W Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. 2,4-D AMINE | 3 | 55 GALLON METAL | 3 | | | | * |
| 2. 2,4-D AMINE | 12 | 5.0 GALLON METAL | 12 | | | | * |
| 3. MISCELLANEOUS | 2 | DOUBLE-WRAPPED IN PLASTIC BAGS | 2 | | | | |
| 4. HERBICIDE CONTAMINATED | | | | | | | |
| 5. RAGS, RESPIRATOR CARTRIDGES, ETC. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? YES If so, how? *TRIPLE-RINSED CONTAINERS

G. Storage Location: 275-EA WAREHOUSE

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: NOT APPLICABLE

Generator's Signature: D D Rountry Date: 4-5-83

**II. APPROVAL**

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: April 5, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): None

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: H J Murphy Phone: 6665-4 Address: 1171 Company: PHA

B. Date Transported/Disposed: 11-12-83

C. Transporter(s) Signature: H J Murphy

0000072

HW-6700-174.1 (N-1-82)

Rockwell

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

2-21

**GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: D.D. ROUNTRY Phone: 3 2103 Address: 202-S/200W Company: ROCKWELL

B. Custodian's Name: E.P. THOMPSON Phone: 32394 Address: 2719 WA/200W Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. FENAMINE | 44 | 2.5 GALLON PLASTIC | 44 | | | | * |
| 2. BANVEL | 12 | 2.5 GALLON PLASTIC | 12 | | | | * |
| 3. R-11 | 2 | 1.0 GALLON PLASTIC | 2 | | | | * |
| 4. R-11 | 12 | 5.0 GALLON PLASTIC | 12 | | | | * |
| 5. FENAMINE | 10 | 5.0 GALLON PLASTIC | 10 | | | | * |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? YES If so, how? * TRIPLE-RINSED CONTAINERS

G. Storage Location: 275-EA WAREHOUSE

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: NOT APPLICABLE

Generator's Signature: D.D. Rountry Date: 4-5-83

## II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: April 5, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): None

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

## III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: H-2-Transport Phone: 6604 Address: 1171 Company: P.H.O.

B. Date Transported/Disposed: 4/12/83

C. Transporter(s) Signature: H-2-Transport Co. - 1171

0000073 BC-6700-174.1 (N-1-82)

**DISPOSAL PACKET NUMBER**

**P83-017**

9 1 1 2 2 4 7 2 1 1 2

HEHF

✓

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

P1 of 2

2-15

GENERATION: The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: M K Hamilton Phone: 6-6980 Address: 747 Bldg Company: HEHF

B. Custodian's Name: Same Phone: Address: Company:

C. Waste Description: (If more than five items, attach additional sheets)

| | Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|---|
| EHW | 1. Acetonitrile | 8.5 qt. | glass bottles | 13 | | X | | EHW - U003 |
| | 2. Sulfanilic Acid | 11 lb. | " | 11 | X | | | |
| | 3. Sulfanilamide | 4 kg. | " | 8 | X | | | |
| | 4. Potassium persulfate | 500g. | " | 1 | X | | | |
| | 5. Chloramine T | 250g | " | 1 | X | | | |

(cont.)

D. Have appropriate labels been affixed to containers? X Not required All original manufacturer's packaging except oils

E. Have efforts been made to recycle (e.g., excess) waste? yes - by RHO

F. Has waste been treated in any manner? No If so, how?

G. Storage Location: 747 Bldg.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number:

Generator's Signature: Maureen K. Hamilton Date: 3-17-83

## II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: March 30, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Number 7 goes to 212-P for storage and offsite shipment. Numbers 1 & 6 go to 2727-S for storage and offsite shipment. #2, 3, 4, 5 to Chemical Trench.

C. Disposal Location: X Chemical Trench, Asbestos Trench,

(check one) #7 212-P (Storage), 2727-S for offsite shipment Other

## III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: [illegible] Phone: 6-6654 Address: 1171 Company: RHO

B. Date Transported/Disposed: 11-14-83

C. Transporter(s) Signature: [illegible]

000006?

BC-6700-174.1 (N-1-82)

2-17-83 - P.2

HEHE

2-15

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 6. N-1-naphthylene diamine dihydrochloride | 700g. | glass bottle | 7 | X | | | |
| 7. Assorted oil (some with PCB - sent to EHS for analysis, mostly by RHO) | ~9L | bottles - glass + plastic | 36 | | X | | |
| EHW 9. orthomethoxy phenol | 400ml | glass | 4 | | X | | |
| 10. | | | | | | | |
| 11. | | | | | | | |
| 12. | | | | | | | |
| 13. | | | | | | | |
| 14. | | | | | | | |
| 15. | | | | | | | |
| 16. | | | | | | | |
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| 30. | | | | | | | |
| 31. | | | | | | | |
| 32. | | | | | | | |
| 33. | | | | | | | |
| 34. | | | | | | | |

0000063

BC-6700-174.2 (N-1-82)

9112217214

# HAZARDOUS WASTE MANIFEST

## THIS MEMORANDUM

is an acknowledgement 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.

MANIFEST DOCUMENT NUMBER

[illegible]-003

2/15

| TO: | FROM: |
|---|---|
| T/S/D FACILITY Rockwell Hanford Op. | Generator Hanford Environmental Health Foundation |
| E.P.A. ID Code No. | E.P.A. ID Code No. |
| Address Chemical Trench/200W | Address 141 Bldg/100 Area |
| Destination | Origin |
| Phone 373-3679 | Phone 376-6960 |

| No. | DOT PROPER SHIPPING NAME | HAZARD CLASS | DOT UN/NA No. | EPA Hazardous Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 11 | Sulfanilic acid | | | | 11 lb. | |
| 8 | Sulfanilamide | | | | 4 kg. | |
| 1 | Potassium persulfate | | | | 500 g. | |
| 1 | Chloramine ? | | | | 250 g. | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$_____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

| ALTERNATE DESTINATION (EMERGENCY ONLY) | EMERGENCY RESPONSE INFORMATION |
|---|---|
| T/S/D FACILITY Rockwell Hanford Op. | CONTACT Name Gary R. Cox |
| E.P.A. ID Code No. | Phone 373-3679 |
| Address 200S/200W | National Response Center 1-800-424-8802 |
| Destination | in D. C. 426-2675 |

## CERTIFICATION

This is to certify that the above 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 and the E.P.A.

Generator Signature [illegible] Date 4/14/[illegible]

TRANSPORTER #1 [illegible] E.P.A. ID No. _____

Address [illegible]

City [illegible] State [illegible] Zip [illegible] Phone [illegible]

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature [illegible] Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

T/S/D F COPY 0000064

**DISPOSAL PACKET NUMBER**

**P83-018**

9 1 1 2 2 4 7 2 1 1 6

2-29

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. **GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: M.C. THOMPSON Phone: 376-1073 Address: 1166/1100 Company: ROCKWELL

B. Custodian's Name: J.T. FOSS Phone: 376-6764 Address: 1169/1100 Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. MURIATIC ACID | 5 GAL | PLASTIC | 1 | | X | | |
| 2. HYDRAFLURORIC ACID | 1 GAL | PLASTIC | 1 | | X | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? YES

F. Has waste been treated in any manner? NO If so, how? _____

G. Storage location: 1169 BUILDING (ACID STORAGE WAREHOUSE)

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: M.C. THOMPSON Date: 4-4-83

II. **APPROVAL**

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200 W Co.: Rockwell

Date: April 5, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Pack in absorbent

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. **TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: H J Jeffery Phone: 6665 Address: 1171 Bl Company: P.H.A.

B. Date Transported/Disposed: 5-4-83

C. Transporter's Signature: H J Jeffery

0000074

K E Fisher Chemical Trench

BC-6700-174.1 (N-1-82)

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

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

MANIFEST DOCUMENT NUMBER

ONSITE 4097-1

| | |
|---|---|
| TO: HANFORD CENTRAL LANDFILL<br>T/S/D FACILITY | FROM: ROCKWELL MATERIAL<br>Generator |
| E.P.A. ID Code No. WA-789-000-8967 | E.P.A. ID Code No. WA-789-000-8967 |
| Address | Address 1166 BUILDING/1100 AREA |
| Destination CHEMICAL TRENCH | Origin RICHLAND |
| Phone N/A | Phone 376-7110 |

| Number Shipping Containers | DOT PROPER SHIPPING NAME | HAZARD CLASS | DOT Hazard Class No. | EPA Hazardous Waste Code | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | ACID HYDROCHLOR TECH (PLASTIC) | CORROSIVE MATL | UN1789 | 55GAL | 5 GAL/ 10 LBS | CORROSIVE |
| 1 | ACID HYDROFLU TECH ( PLASTIC) | CORROSIVE MATL | UN1790 | | 1 GAL/ 10 LBS | CORROSIVE |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID [XX] COLLECT [ ]

RECEIVED, subject to the classifications and lawful 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY N/A

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name GARY R. COX

Phone 373-3679

National Response Center 1-800-424-8802

in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature N.C. THOMPSON Date 4-7-83

TRANSPORTER #1 _____ E.P.A. ID No. WA-789-000-8967

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

T/S/D F COPY 0000075

12.0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: M.C. THOMPSON Phone: 376-1073 Address: 1166/1100 Company: ROCKWELL

B. Custodian's Name: J.T. FOSS Phone: 376-6764 Address: 1169/1100 Company: ROCKWELL

C. Waste Description (If more than five items, attach additional sheets)

| Common Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. MURIATIC ACID | 5 GAL | PLASTIC | 1 | | X | | |
| 2. HYDRAFLURORIC ACID | 1 GAL | PLASTIC | 1 | | X | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? YES

F. Has waste been treated in any manner? NO If so, how? _____

G. Storage Location: 1169 BUILDING (ACID STORAGE WAREHOUSE)

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator Signature: M.C. THOMPSON Date: 4-4-83

**II. APPROVAL**

A. Approval for Disposal by: Name Gary R. Cox Phone: 3-3679 Address 202-S/200 W Co.: Rockwell

Date: Apr 15, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Pack in absorbent

C. Disposal Location (check one): X Chemical Trench, _____ Asbestos Trench, _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: J. J. Mosley Phone: 66654 Address: 1171 Bl Company: P.H.O.

B. Date Transported/Disposed: 5-4-83

C. Transporter(s) Signature: J. J. Mosley, J. E. Phelps Chemical Trench

BC-6700-174.1 (N-1-82)

000242

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

ONSITE 4097-1

| | |
|---|---|
| TO: HANFORD CENTRAL LANDFILL T/S/D FACILITY | FROM: ROCKWELL MATERIAL Generator |
| E.P.A. ID Code No. WA-789-000-8967 | E.P.A. ID Code No. WA-789-000-8967 |
| Address | Address 1166 BUILDING/1100 AREA |
| Destination CHEMICAL TRENCH | Origin RICHLAND |
| Phone N/A | Phone 376-7110 |

| Containers | DOT PROPER SHIPPING NAME | HAZARD CLASS | EPA Waste No. | | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | ACID HYDROCHLOR TECH (PLASTIC) | CORROSIVE MATL | UN1789 | 5GAL | 6 GAL/ 10 LBS | CORROSIVE |
| 1 | ACID HYDROFLU TECH ( PLASTIC) | CORROSIVE MATL | UN1790 | | 1 GAL/ 10 LBS | CORROSIVE |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID [XX] COLLECT [ ]

RECEIVED subject to the classifications and tariffs 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 this 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 own route, otherwise to deliver to another carrier on the route to said destination. It is 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 bill of 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.

## ALTERNATE DESTINATION (EMERGENCY ONLY)

T/S/D FACILITY N/A

E.P.A. ID Code No. _____

Address _____

Destination _____

## EMERGENCY RESPONSE INFORMATION

CONTACT Name GARY R. COX

Phone 373-3679

National Response Center 1-800-424-8802 In D. C. 426-2675

## CERTIFICATION

This is to certify that the above 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 and the E.P.A.

Generator Signature X M.C. THOMPSON MC Thompson Date 4-7-83

TRANSPORTER #1 Hume E.P.A. ID No. WA-789-000-8967

Address 1171 Hume Avenue

City Richland State Wash Zip 99352 Phone 66634

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature [illegible] Date [illegible]

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature DE Fletcher Chemical Trench Date 4-11-83

TRANSPORTER #1 COPY

000243

# DISPOSAL PACKET NUMBER

## P83-019

E 0 0 0 ~ 0 ... 1 5 0

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

## INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

## I. CUSTODIAN

NAME Stan Jones TELEPHONE 373-2456

BUILDING/AREA 271 B 200E

## II. IDENTIFICATION OF MATERIAL

TRADE NAME Asbestos

CHEMICAL NAME

STORAGE LOCATION North of 272 BB

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

## III. PACKAGING

LIQUID ____ SOLID X GAS ____

NUMBER OF CONTAINERS 1 WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER Load Lugger AGE OF CONTAINER ____

## IV. REASON FOR DISPOSAL

Waste

## V. DATE DISPOSAL REQUIRED

Soon

## VI. COMMENTS

Wet down and double plastic bagged.

APPROVED FOR DISPOSAL
BY Larry R. Cox
DATE 4/28/83

DISPOSAL LOCATION Asbestos Pit Central Landfill Field Trench
BY D E Fisher
DATE 5-4/ 83

000199

9 1 1 2 2 1 7 2 1 2 2

# DISPOSAL PACKET NUMBER

## P83-020

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

1-34

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: G.L. Gurwell Phone: 3-3490 Address: 2704-S, 200W Company: RHO

B. Custodian's Name: T.A. Lane Phone: 3-2426 Address: 234-5Z, 200W Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. BENZENE EHW | 7 PTS. | GLASS | 7 | | X | | |
| 2. P-DIOXANE reactive | 2 gal. | GLASS | 4-1/2 gal. | | X | | |
| 3. 1-OCTANOL reactive oxidizer | 5 1/2 gal. | GLASS | 5-1/2 GAL | | X | | |
| 4. TOLUENE EHW | 6 PTS | GLASS | 6 | | X | | |
| 5. THERMITE Exp. | ~70 lbs | METAL CANS | ~ 7 | X | | | |

D. Have appropriate labels been affixed to containers? _____ Not required CONTAINERS LABELLED.

E. Have efforts been made to recycle (e.g., excess) waste? Yes.

F. Has waste been treated in any manner? N/A If so, how? _____

G. Storage Location: RM 179-B + DOCK #5 234-5Z FACILITY.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: WILL BE SURVEYED.

Generator's Signature: G.L. Gurwell Date: February 1, 1983

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200W Co.: RHO

Date: 2/10/83 Signature: G.R. Cox

B. Packaging Requirements (specify): The Extremely Hazardous Waste must be packaged in one container for offsite shipment (#1,4,7); #2,3,6,8 may be packaged together for burial at the Central Landfill; #5 hold separate and obtain the Manufacturers Data Sheet for.

C. Disposal Location: _____ Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), Offsite-Arlington OR Other

**III. TRANSPORTATION/DISPOSAL**

a. Transporter(s) Name L.H. Davis Phone 66554 Address: 1121 Company Rock

b. Date Transported/Disposed: 5-5-83

c. Transporter(s) Signature: D.E. Phillips Chemical Trench

0000047

BC-6700-174.1 (N-1-82)

9112212732124

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 6. TRITONX-100 ★ | 2 qts. | GLASS | 2 | | X | | |
| 7. TETRO CHLORO-ETHYLENE EHW | 10 pts. | GLASS | 10 | | X | | |
| 8. 1,2,4 TRICHLORO-BENZENE ~20 Kgs (reacts w/ oxidizer) | | GLASS | 19 | | X | | |
| 9. | | | | | | | |
| 10. | | | | | | | |
| 11. ★ alkylaryl polyether alcohol | | | | | | | |
| 12. | | | | | | | |
| 13. | | | | | | | |
| 14. | | | | | | | |
| 15. | | | | | | | |
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1-3

0000045

BC-6700-174.2 (N-1-82)

9112221725

DRUM # 2 — Central Lab Fill

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. 1,2,4 TRICHLORO-BENZENE | 19 Kgs | ~Quart GLASS | 19 | | X | | |
| 2. TRITON X-100 | 2 qts. | Quart GLASS | 2 | | X | | |
| 3. P-DIOXANE | 2 gal. | 1/2 gal JUG. | 4 | | X | | |
| 9. 1-OCTANOL | 4 Kgs | 1/2 Gal. JUG | 4 | | X | | |
| 10. | | | | | | | |
| 11. | | | | | | | |
| 12. | | | | | | | |
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BC-6700-174.2 (N-1-82)

9 1 1 2 2 1 7 2 1 2 6

2-5-83

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: G.L. Gurwell Phone: 3-3490 Address: 2704-S, 200W Company: RHO

B. Custodian's Name: T.A. Lane Phone: 3-2426 Address: 234-5Z, 200W Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Benzene EHW | 7 pts. | Glass | 7 | | X | | |
| 2. P-Dioxane reactive w/ oxidizers | 2 gal. | Glass | 4-½ gal. | | X | | |
| 3. 1-Octanol reactive w/ oxidizers | 5½ gal | Glass | 5-½ gal. | | X | | |
| 4. Toluene EHW reactive w/ oxidizers | 6 pts | Glass | 6 | | X | | |
| 5. Thermite Exp/. | ~70 lbs | Metal Cans | ~7 | X | | | |

D. Have appropriate labels been affixed to containers? _____ Not required Containers labelled.

E. Have efforts been made to recycle (e.g., excess) waste? Yes.

F. Has waste been treated in any manner? N/A If so, how? _____

G. Storage Location: Rm 174-B + Dock #5 234-5Z Facility.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: Will be surveyed.

Generator's Signature: G.L. Gurwell Date: February 1, 1983

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200W Co.: RHO

Date: 2/10/83 Signature: Gary R. Cox

B. Packaging Requirements (specify): The Extremely Hazardous Waste must be packaged in one container for offsite shipment (#1,4,7); #2,3,6,8 may be packaged together for burial at the Central Landfill, #5 must be separate and obtain the Manufacturers Data Sheet for.

C. Disposal Location: _____ Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), Offsite-Arlington, OR Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name L. H. Davis Phone 66554 Address: 1171 Company Rock

B. Date Transported/Disposed: 5-5-83

C. Transporter(s) Signature: D.E. Phillips Chemical Trench

6700-174.1 (N-1-82)

- 000238

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 6. TRITONIX-100 ★ | 2 qts | GLASS | 2 | | X | | |
| 7. TETRO CHLORO-ETHYLENE EHW | 10 pts | GLASS | 10 | | X | | |
| 8. 1,2,4 TRICHLORO-BENZENE reacts w/ oxidizer | ~20 kgs | GLASS | 19 | | X | | |
| 9. | | | | | | | |
| 10. | | | | | | | |
| 11. ★ Alkylaryl polyether alcohol | | | | | | | |
| 12. | | | | | | | |
| 13. | | | | | | | |
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| 31. | | | | | | | |
| 32. | | | | | | | |
| 33. | | | | | | | |
| 34. | | | | | | | |


BC-6700-1/4.2 (N-1 82)

DRUM #- 2 — [illegible] FILE

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. 1,2,4 TRICHLORO-BENZENE | 19 Kgs | QUART GLASS | 19 | | X | | |
| 2. TRITON X-100 | 2 qts. | QUART GLASS | 2 | | X | | |
| 3. P-DIOXANE | 2 gal. | ½ gal JUG. | 4 | | X | | |
| 9. 1-OTANOL | 4 Kg's | ½ Gal. JUG | 4 | | X | | |
| 10. | | | | | | | |
| 11. | | | | | | | |
| 12. | | | | | | | |
| 13. | | | | | | | |
| 14. | | | | | | | |
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| 27. | | | | | | | |
| 28. | | | | | | | |
| 29. | | | | | | | |
| 30. | | | | | | | |
| 31. | | | | | | | |
| 32. | | | | | | | |
| 33. | | | | | | | |
| 34. | | | | | | | |

BC-6700-174.2 (N-1-82)



9 1 1 2 2 1 7 2 1 2 9

**DISPOSAL PACKET NUMBER**

**P83-021**

9112247213 0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

(3-1)

GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: N. W. Hoebel Phone: 3-2883 Address: 2101M/200 E. Company: Rockwell

B. Custodian's Name: V. L. Blanchard Phone: 3-2172 Address: 2101M/200 E. Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Petroleum Distillates | 8835 gr | aerosol can | 31 | | X | | Flammable |
| 2. Ethyl Acetate | 1500cc. | aerosol can | 5 | | X | | " |
| 3. Petro. Solvent & alcohol | 16.5 Oz | aerosol can | 2 | | X | | " |
| 4. Met L Check Remover E-59 | 12oz | aerosol can | 2 | | X | | " |
| 5. Petro. Distill. & Diethyl ether | 3 oz. | aerosol can | 1 | | X | | " |

D. Have appropriate labels been affixed to containers? Yes Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? Yes

F. Has waste been treated in any manner? No If so, how? _____

G. Storage Location: 2701 M/200 East

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: N/A

Generator's Signature: Norma W. Hoebel Date: May 10, 1983

## II. APPROVAL

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: May 11, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Pack together for shipment to Central Landfill

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

## III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: RHO Phone: _____ Address: _____ Company _____

Date Transported/Disposed: 5/83 : shipped (Per NW Hoebel conversation 6/26/85.)

C. Transporter(s) Signature: _____

0000093

BC-6700-174.1 (N-1-82)

9112272213

# DISPOSAL PACKET NUMBER

## P83-022

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

2/17

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN M L McCollom

NAME M L McCollom TELEPHONE 376-6706

BUILDING/AREA 1167-A 1100

II. IDENTIFICATION OF MATERIAL

TRADE NAME See Attached List

CHEMICAL NAME

STORAGE LOCATION 1167- (#723)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID ____ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Not usable - No interest shown by other agencys, nor any public sale interest

V. DATE DISPOSAL REQUIRED

8-1-83

VI. COMMENTS

See attached list for disposition.

APPROVED FOR DISPOSAL BY Larry R Cox

DATE March 28, 1983

DISPOSAL LOCATION Land fill DE Pike Chemical Trench

BY

DATE 5-12-83

0000065

# CHEMICALS IN METAL BUILDING

2-17

| DOE # | CHEMICAL | QUANTITY |
|---|---|---|
| 1 * 5432-02 | AMMONIA SOL. STRONG reacts with oxidizer 60 | - 48 LB GL JRY |
| - 5432-03 | AMMONIUM BIFLUORIDE reacts w/acid = toxic 2 | |
| - 5432-04 | CALCIUM FLUORIDE reacts w/acids = toxic | 1 - 25LB JAR |
| - 5432-06 | CHEL DTPA 41 (SODIUM SALT) | 1 - 55 GAL DRM (600 LB) |
| - 5432-07 | SODIUM SALT | 1 - FIB DRM (200LB) |
| 2 * 5432-08 | MAGNESIUM NITRATE CRYSTAL oxidizer | 9 - FIB DRM (100 LB) |
| 2 * 5432-09 | NITRILOTRIACETIC ACID very toxic | 4 - 55 GAL DRM |
| - 5432-10 | RARE EARTH CARBONATE | 8 - FIB DRM (150 LB) |
| 1 * 5432-11 | NALCO 5 - SODIUM ALUMINATE | 26 - 55 GAL. DRM |
| - 5432-13 | SODIUM SULFATE | 1 - FIB DRM (250 LB) |
| - 5432-14 | STRONTIUM CARBONATE 99.7% reacts w/oxidizer | 3 - FIB DRM (100 LB) |
| - 5432-24 | FLOCULANT } TOTAL → | 3 - FIB DRM (100 LB) |
| - 5432-25 | FLOCULANT } | |
| - 5432-27 | TOLFLOC COAG. FLOCULANT } TOTAL → | 3 - 5 GAL BKTS |
| - 5432 28 | " " " } | |
| 2 * 5778-31 | NICKELOUS NITRATE oxidizer | 1 - FIB DRM |

| PDR # | | |
|---|---|---|
| - N/A | CALCIUM reacts with oxidizers | 11 - SHORT MTL DRM |
| 1 * RHO-81-526 | AEROSOL OT | 18 - 1 GAL GL JG |

*To 2727-S Building for storage while awaiting offsite shipment.

- To Central Landfill for disposal

0000066

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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 furnished solely for filing or report.

MANIFEST DOCUMENT NUMBER

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | CENTRAL LANDFILL | Generator | ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. | WA 789-000-8967 | E.P.A. ID Code No. | WA 789-000-8967 |
| Address | HANFORD OPERATIONS | Address | BLDG. 1167, 1100 AREA |
| Destination | RICHLAND, WA 99352 | Origin | EXCESS PROPERTY ACTIVITY |
| Phone | 375-3679 | Phone | 376-6706 |

| No. of Containers | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | Other Waste Solid No. | EPA Haz Waste | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 3 | TOLFLOC COAGULANT FLOCULANT (ORGANIC) | NONE | NONE | | 100 lbs | NONE |
| 1 | SODIUM SALT | NONE | NONE | | 600 lbs | NONE |
| 1 | SODIUM SALT | NONE | NONE | | 200 lbs | NONE |
| 1 | CALCIUM FLUORIDE | NONE | NONE | | 25 lbs | NONE |
| 8 | RARE EARTH CARBONATE | NONE | NONE | | 1200 lbs | NONE |
| 1 | SODIUM SULFATE | NONE | NONE | | 250 lbs | NONE |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name _____
Phone _____

National Response Center 1-800-424-8802
in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C.J. HANSEN Date 5-16-83

TRANSPORTER #1 ROCKWELL HANFORD OPERATIONS E.P.A. ID No. WA 789-000-8967
Address P.O. BOX 300, BLDG. 1171
City RICHLAND, WA State WA Zip 99352 Phone 376-6178

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.
T/S/D FACILITY Signature _____ Date _____

T/S/D F COPY

000006

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

2-19

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN M.L. McCollom

NAME M.L. McCollom TELEPHONE 376-6706

BUILDING/AREA 1167-A 1100

II. IDENTIFICATION OF MATERIAL

TRADE NAME See Attached List

CHEMICAL NAME

STORAGE LOCATION 1167-(4723)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

PACKAGING

FLUID SOLID GAS

NUMBER OF CONTAINERS WEIGHT EA. VOLUME EA.

TYPE OF CONTAINER AGE OF CONTAINER

III. REASON FOR DISPOSAL

Not usable - No interest shown by Other Agencys, Not any Public Sale interest

IV. DATE DISPOSAL REQUIRED

4-1-83

V. COMMENTS

For Disposal at Central Landfill.

APPROVED FOR DISPOSAL BY Tom R. Cox DATE March 24, 1983

DISPOSAL LOCATION Land Fill Chemical Trench BY D.E. Phelps DATE 5-12-83

0000068

# CHEMICALS IN METAL BUILDING

2-19

| DOE # | CHEMICAL | QUANTITY |
|---|---|---|
| 5432-12 | SILICA GEL-ACTIVATED DESSICANT | 10 FIB DRM |
| 5432-17 | SILICA GEL | 4 DRM (100 LB) |
| 5432-21 | POWDERED CLAY | 25 - 50 LB BAG |
| 5432-23 | OLIN 5004 COAGULANT AID | 7 - 50 LB BAG |

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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 tendered solely for filing or record.

MANIFEST DOCUMENT NUMBER

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | CENTRAL LANDFILL | Generator | ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. | WA 789-000-8967 | E.P.A. ID Code No. | 789-000-8967 |
| Address | HANFORD RESERVATION | Address | BLDG. 1167, 1100 AREA |
| Destination | RICHLAND, WA 99352 | Origin | EXCESS PROPERTY ACTIVITY |
| Phone | 376-3679 | Phone | 376-6706 |

| Containers | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | Other Ident. I.D. Nos. | EPA Haz. Waste | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | AMMONIUM HYDROGEN FLUORIDE, SOLID | CORROSIVE | UN-1727 | | | CORROSIVE |
| 11 | CALCIUM, METAL | FLAMMABLE SOLID | UN-1404 | | 1000 lbs | FLAMMABLE SOLID DANGEROUS WHEN WET |
| x3 | SILICA GEL | NONE | NONE | | 300 lbs | NONE |
| 25 | POWDERED CLAY | NONE | NONE | | 1250 lbs | NONE |
| 7 | OLIN 5004 COAGULANT AID | NONE | NONE | | 350 lbs | NONE |
| 10 | SILICA GEL-ACTIVATED DESSICANT | NONE | NONE | | 1000 lbs | NONE |

PLACARDS REQUIRED FLAMMABLE SOLID W /CORROSIVE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY NONE
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name _____
Phone _____

National Response Center 1-800-424-8802
in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C.D. HANSEN Date 5-16-93

TRANSPORTER #1 ROCKWELL HANFORD OPERATIONS E.P.A. ID No. WA-789-000-8967
Address PO BOX 300, BLDG. 1171
City RICHLAND, WA State WA Zip 99352 Phone 376-6178

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

0060070

T/S/D F COPY

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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 tendered solely for filing or record.

MANIFEST DOCUMENT NUMBER

| TO: | FROM: |
|---|---|
| T/S/D FACILITY CENTRAL LANDFILL | Generator ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. WA 789-000-8967 | E.P.A. ID Code No. WA 789-000-8967 |
| Address HF HANFORD RESERVATION | Address BLDG. 1167, 1100 AREA |
| Destination RICHLAND, WA 99352 | Origin EXCESS PROPERTY ACTIVITY |
| Phone 373-3679 | Phone 376-6796 |

| No. Containers | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | UN/NA ID No. | EPA Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 3 | STRONTIUM CARBONATE | NONE | NONE | NONE | 300 lbs | NONE |
| 3 | FLOCULANT | NONE | NONE | NONE | 300 lbs | NONE |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name _____

Phone _____

National Response Center 1-800-424-8802 in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C. D. Hassell C.D. HASSELL Date 5-26-83

TRANSPORTER #1 ROCKWELL HANFORD OPERATIONS E.P.A. ID No. WA 789-000-8967

Address PO BOX 800, BLDG. 1171

City RICHLAND, WA State WA Zip 99352 Phone 376-6173

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

T/S/D F 30.7

0000071

13.2

# REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

I. CUSTODIAN M.L. McCollom

NAME M.L. McCollom TELEPHONE 376-6706

BUILDING/AREA 1167-A 1100

II. IDENTIFICATION OF MATERIAL

TRADE NAME See Attached List

CHEMICAL NAME

STORAGE LOCATION 1167- (4723)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

III. PACKAGING

LIQUID ____ SOLID ____ GAS ____

NUMBER OF CONTAINERS ____ WEIGHT ____ EA. VOLUME ____ EA.

TYPE OF CONTAINER ____ AGE OF CONTAINER ____

IV. REASON FOR DISPOSAL

Not usable - No interest shown by Other agencys, nor any public sale interest

V. DATE DISPOSAL REQUIRED

5-1-83

VI. COMMENTS

See attached list for disposition.

APPROVED FOR DISPOSAL BY Gary R Cox

DATE March 28, 1983

DISPOSAL LOCATION Land fill DE Pilot Chemical Trench

BY

DATE 5-12-83

000244

# CHEMICALS IN METAL BUILDING

| DOE # | CHEMICAL | QUANTITY |
|---|---|---|
| 1 * 5432-02 | AMMONIA SOL. STRONG reacts with oxidizer | 60 - 48 LB GL JR |
| - 5432-03 | AMMONIUM BIFLUORIDE reacts w/acid = toxic | 2 |
| - 5432-04 | CALCIUM FLUORIDE reacts w/acids = toxic | 1 - 25 LB JAR |
| - 5432-06 | CHEL DTPA 41 (SODIUM SALT) | 1 - SS GAL DRM (600 LB) |
| - 5432-07 | SODIUM SALT | 1 - FIB DRM (200 LB) |
| 2 * 5432-08 | MAGNESIUM NITRATE CRYSTAL oxidizer | 9 - FIB DRM (100 LB) |
| 2 * 5432-09 | NITRILOTRIACETIC ACID very toxic | 4 - SS GAL DRM |
| - 5432-10 | RARE EARTH CARBONATE | 8 - FIB DRM (150 LB) |
| 1 * 5432-11 | NALCO 5 - SODIUM ALUMINATE | 26 - SS GAL. DRM |
| - 5432-13 | SODIUM SULFATE | reacts w/oxidizer 1 - FIB DRM (250 LB) |
| - 5432-14 | STRONTIUM CARBONATE 99.7% | 3 - FIB DRM (100 LB) |
| - 5432-24 | FLOCULANT } TOTAL → | 3 - FIB DRM (100 LB) |
| - 5432-25 | FLOCULANT } | |
| - 5432-27 | TOLFLOC COAG. FLOCULANT } TOTAL → | 3 - 5 GAL BKTS |
| - 5432 28 | " " " | |
| 2 * 5778-31 | NICKELOUS NITRATE oxidizer | 1 - FIB DRM |

| PDR # | | |
|---|---|---|
| - N/A | CALCIUM reacts with oxidizers | 11 - SHORT MTL DRM |
| 1 * RHO-81-526 | AEROSOL OT | 18 - 1 GAL GL JG |

* To 2727-S Building for storage while awaiting offsite shipment.
- To Central Landfill for disposal

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** Must be legibly filled in, in ink or indelible pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | CENTRAL LANDFILL | Generator | ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. | WA 789-000-8967 | E.P.A. ID Code No. | WA 789-000-8967 |
| Address | HANFORD OPERATIONS | Address | BLDG. 1167, 1100 AREA |
| Destination | RICHLAND, WA 99352 | Origin | EXCESS PROPERTY ACTIVITY |
| Phone | 373-3679 | Phone | 376-6706 |

| No. | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | DOT ID No. | EPA Haz. Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 3 | TOLFLOC COAGULANT FLOCULANT (ORGANIC) | NONE | NONE | | 100 lbs | NONE |
| 1 | SODIUM SALT | NONE | NONE | | 600 lbs | NONE |
| 1 | SODIUM SALT | NONE | NONE | | 200 lbs | NONE |
| 1 | CALCIUM FLUORIDE | NONE | NONE | | 25 lbs | NONE |
| 8 | RARE EARTH CARBONATE | NONE | NONE | | 1200 lbs | NONE |
| 1 | SODIUM SULFATE | NONE | NONE | | 250 lbs | NONE |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs 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 this 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. It is 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 of said property, that every service to be performed hereunder shall be subject to all the terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of 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.

## ALTERNATE DESTINATION (EMERGENCY ONLY)

T/S/D FACILITY _____

E.P.A. ID Code No. _____

Address _____

Destination _____

## EMERGENCY RESPONSE INFORMATION

CONTACT Name _____

Phone _____

National Response Center 1-800-424-8802 in D. C. 426-2675

## CERTIFICATION

This is to certify that the above 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 and the E.P.A.

Generator Signature C.D. Hansen C.D. HANSEN Date 5-10-83

TRANSPORTER #1 ROCKWELL HANFORD OPERATIONS E.P.A. ID No. WA 789-000-8967

Address P.O. BOX 800, BLDG. 1171

City RICHLAND, WA State WA Zip 99352 Phone 376-6178

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature N & T Phase Chemical Trench Date 5-10-83

TRANSPORTER #1 COPY 000246

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** must be legibly filled in, in ink, in Indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER

| TO: | FROM: |
|---|---|
| T/S/D FACILITY CENTRAL LANDFILL | Generator ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. WA 789-000-8967 | E.P.A. ID Code No. WA 789-000-8967 |
| Address HANFORD RESERVATION | Address BLDG. 1167, 1100 AREA |
| Destination RICHLAND, WA 99352 | Origin EXCESS PROPERTY ACTIVITY |
| Phone 373-3679 | Phone 376-6706 |

| Number of Containers | DOT PROPER SHIPPING NAME | HAZARD CLASS | Other DOT ID No. | EPA Waste No. | WEIGHT | LABELS REQUIRED (or Exception No.) |
|---|---|---|---|---|---|---|
| 3 | STRONTIUM CARBONATE | NONE | NONE | NONE | 300 lbs | NONE |
| 3 | FLOCULANT | NONE | NONE | NONE | 300 lbs | NONE |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED NONE

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding
$ _____ Per _____

Shipper's Signature / Carrier's Representative

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name _____
Phone _____
National Response Center 1-800-424-8802
in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C.R. Hansen C.R. HANSEN Date 5 12 83

TRANSPORTER #1 ~~ROCKWELL HANFORD OPERATIONS~~ E.P.A. ID No. ~~WA 789-000-8967~~
Address ~~PO BOX 800, BLDG. 1171~~
City ~~RICHLAND, WA~~ State ~~WA~~ Zip ~~99352~~ Phone ~~376-6178~~

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature D.E. Shabe Chemical Tech Date 5 12 83

**TRANSPORTER #1 COPY** 0002177

9114222143

✓

REQUEST FOR DISPOSAL OF NONRADIOACTIVE HAZARDOUS MATERIAL

INSTRUCTIONS

Complete this request by providing all available information in the spaces provided. Fold, staple, and return completed form by plant mail to Environmental Protection.

CUSTODIAN M L McCollom

NAME M. L. McCollom TELEPHONE 376-6706

BUILDING/AREA 1167-A 1100

IDENTIFICATION OF MATERIAL

TRADE NAME See Attached List

CHEMICAL NAME

STORAGE LOCATION 1167-(4723)

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES ____ NO X

PACKAGING

FLUID SOLID GAS

NUMBER OF CONTAINERS WEIGHT EA. VOLUME EA.

TYPE OF CONTAINER AGE OF CONTAINER

REASON FOR DISPOSAL

Not usable - No interest shown by other agencys, nor any public sale interest

DATE DISPOSAL REQUIRED

4-1-83

COMMENTS

For Disposal at Central Landfill.

APPROVED FOR DISPOSAL Gary R. Cox

DATE March 24, 1983

DISPOSAL LOCATION Land Fill Chemical Trench

BY D E Phelps

DATE 5-12-83

000248

9112217214 4

# CHEMICALS IN METAL BUILDING

| DOE # | CHEMICAL | QUANTITY |
|---|---|---|
| 5432-12 | SILICA GEL-ACTIVATED DESSICANT | 10 FIB DRM |
| 5432-17 | SILICA GEL | 4 DRM (100 LB) |
| 5432-21 | POWDERED CLAY | 25 - 50 LB BAG |
| 5432-23 | OLIN 5004 COAGULANT AID | 7 - 50 LB BAG |

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** [illegible]

MANIFEST DOCUMENT NUMBER

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | CENTRAL LANDFILL | Generator | ROCKWELL HANFORD OPERATIONS |
| E.P.A. ID Code No. | WA 789-000-8967 | E.P.A. ID Code No. | 789-000-8967 |
| Address | HANFORD RESERVATION | Address | BLDG. 1167, 1100 AREA |
| Destination | RICHLAND, WA 99352 | Origin | EXCESS PROPERTY ACTIVITY |
| Phone | 376-3679 | Phone | 376-6706 |

| No. Containers | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | Hazardous Substance | EPA Haz Waste Number | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | AMMONIUM HYDROGEN FLUORIDE, SOLID | CORROSIVE | UN-1727 | | | CORROSIVE |
| 11 | CALCIUM, METAL | FLAMMABLE SOLID | UN-1404 | | 1000 lbs | FLAMMABLE SO & DANGEROU WHEN WET |
| 1 x3 | SILICA GEL | NONE | NONE | | 300 lbs | NONE |
| 25 | POWDERED CLAY | NONE | NONE | | 1250 lbs | NONE |
| 7 | OLIN 5004 COAGULANT AID | NONE | NONE | | 350 lbs | NONE |
| 10 | SILICA GEL-ACTUATED DESSICANT | NONE | NONE | | 1000 lbs | NONE |

PLACARDS REQUIRED FLAMMABLE SOLID ~~X CORROSIVE~~

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY NONE

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name _____

Phone _____

National Response Center 1-800-424-8802 in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature C.D. Hansen C.D. HANSEN Date 5-12-83

TRANSPORTER #1 ROCKWELL HANFORD OPERATIONS E.P.A. ID No. WA 789-000-8967

Address PO BOX 800, BLDG. 1171

City RICHLAND, WA State WA Zip 99352 Phone [redacted] 376-6178

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature JOE E Phelps Chemical Tech Date 5-12-83

**TRANSPORTER #1 COPY**

000250

**DISPOSAL PACKET NUMBER**

**P83-023**

9 1 1 2 2 1 7 2 1 4 7

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-3

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: C.A. Meldrum Phone: 32576 Address: 2345/200W Company: RHO

B. Custodian's Name: _____ Phone: _____ Address: _____ Company: _____

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Battery Lead Acid Bel | 100 | 55 Gal Drum | 1 | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? Yes

F. Has waste been treated in any manner? No If so, how? _____

G. Storage Location: _____

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: ZZ830695

Generator's Signature: C.A. Meldrum Date: 5/11/83

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200W Co.: Rockwell

Date: May 12, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Pack in 55 gallon drum with venting

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

B. Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

0000001

BC-6700-174.1 (N-1-82)

9112247314 8

**DISPOSAL PACKET NUMBER**

**P83-024**

9 1 1 2 2 1 7 2 1 4 9

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-25

**GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Mike Malaschke Phone 66654 Address: 1171 Bldg Company: Rockwell

B. Custodian's Name: Mike Malaschke Phone 66654 Address: 1171 Bldg Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Assault | 8 oz | Can | 8 | Empty | | | Non Hazardous |
| 2. Assault | 55 gal | Drum | 2 | Empty | | | " " |
| 3. Poly motor | 55 gal | Drum | 2 | Empty | | | " " |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? NA

F. Has waste been treated in any manner? NA If so, how? _____

Storage Location: Y Bldg.

"I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Mike Malaschke Date: 5/16/83

## II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200 West Co.: Rockwell

Date: May 12, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Empty herbicide containers

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

## III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

5-24-83 D.E. Phelps Chemical Trench

0000106 SC-6700-174.1 (N-1-82)

13.0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Mike Malachowski Phone: 6654 Address: 1171 Bldg Company: Rockwell

B. Custodian's Name: Mike Malachowski Phone: 6654 Address: 1171 Bldg Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. [illegible] | 8 gal | Can | 8 | Empty | | | Non Hazardous |
| 2. [illegible] | 55 gal | Drum | 2 | Empty | | | " " |
| 3. Polymer | 55 gal | Drum | 2 | Empty | | | " " |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? NA If so, how? _____

G. Storage Location: V Bldg.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Mike Malachowski Date: 5/16/83

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200 West Co.: Rockwell

Date: May 12, 1983 Signature: [illegible]

B. Packaging Requirements (specify): Empty herbicide containers

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

B. Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

5-23-83 NE Oxbow Chem Fal Trench

3C-6700-174.1 (N-1-82)

000232

13.0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Mike Malaschy Phone 66654 Address: 1171 Bldg Company: Rockwell

B. Custodian's Name: Mike Malaschy Phone 66654 Address: 1171 Bldg Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Assault | 8 | Can | 8 | Empty | - | | Non Hazardous |
| 2. Assault | 55gal | Drum | 2 | Empty | | | " " |
| 3. Poly mate | 55gal | Drum | 2 | Empty | - | | " " |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? NA

F. Has waste been treated in any manner? NA If so, how? _____

G. Storage Location: Y Bldg.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Mike Malaschy Date: 5/16/83

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200 West Co.: Rockwell

Date: May 12, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Empty herbicide containers

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

B. Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

5-24-83 DE Phelps Chemical Trench

000241 BC-6700-174.1 (N-1-8)

9112272152

# DISPOSAL PACKET NUMBER

## P83-025

13.0

... IT --- Write it!

DATE May 20, 1983

Dutch Rutherford

FROM Gary R. Cox (3-3679)

This consists of a 'blanket' approval for timesake so that Jones can expedite this disposal. I have talked with Tom Hendrix on this and he sees no problems. Please have Gene at the Landfill Tally the trucks as they come in and check that they have a rad release. To get the end number we will then add the number of trucks and multiply by 250 ft³/truck. It should come close to his estimate of 3700 ft³.

Call me if you have any questions or perceive any problems.

... LASS PUT SAFETY FIRST

J. A. JONES CONSTRUCTION SERVICES COMPANY

DON'T SAY IT — Write It!

DATE MAY 12, 1983

TO Gary R. Cox (3-3619)

FROM W. A. BROWN

THE TOTAL QUANTITY OF ASBESTOS IS ESTIMATED AT 3700 FEET$^3$, A LOAD WILL BE RIGHT AT (250 ft.$^3$) 100 BAGS PER LOAD. WE WOULD LIKE TO GET TWO LOADS A DAY FOR 7 DAYS. LOAD TIME WILL BE 9:30, TRANSPORT TO CENTRAL LAND FILL WILL BE THERE AT 10:30, AFTER NOON LOAD OUT TIME 1:30 CENTRAL LAND FILL AT 2:30. AND EACH LOAD WILL HAVE ITS OWN RELEASE, IT CAN NOT BE SURVEIED UNTILL ITS BEING LOADED. The release numbers will be affixed to the Disposal request upon completion of disposal of all 3700 ft.$^3$.

"BE SAFE - BE WISE - ENJOY ANOTHER SAFETY PRIZE"

POOR COPY RECEIVED

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

GENERATION: The Generator should complete Part I and forward this form to: WS&DT
202-S/200 West
Rockwell

Generator Name: W. A. Brown Phone: 3-1732 Address: 100-N Company: J. A. Jones
Supervisor Name: UNC Phone: 3-1307 Address: 100-K Company: UNC

(Note: If more than five items, attach additional sheets)

| Waste Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| Asbestos | 3700 ft³ | Plastic | 2 | ✓ | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Has a label been affixed to containers? YES Not required _____

Is it feasible to recycle (e.g., excess) waste? No

Is it treated in any manner? YES If so, how? WET down

165 KW 100-K

"I certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been filled out to the best of my knowledge." Survey Card Number: (attach from all shipments)

Signature: W. A. Brown Date: 5/18/83

PART II

Disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: May 19, 1983 Signature: Gary R. Cox

Requirements (specify): This disposal will consist of approximately 15-20 truckloads of material over 7 days, count trucks as they enter and tally for end result.

Trench: _____ Chemical Trench, X Asbestos Trench.

_____ 212-P (Storage), _____ Other

TRANSPORTATION/DISPOSAL

Transporter Name: _____ Phone: _____ Address: _____ Company _____

Transported Disposed: _____

Transporter Signature: _____

000197

BC-6700-174.1 (N-1-82)

9112217215 6

DATE: _____

CENTRAL LANDFILL

BWA
UNC
RHO
JAJ

OTHERS

| CONTRACTORS Asbestos | VOLUME | CONTRACTORS | VOLUME |
|---|---|---|---|
| MAY 26 - 1983 | | | |
| JAT Flatbed | 99 BAGS | | |
| JAT Flatbed | 130 BAGS | | |
| JAT Flatbed | 120 BAGS | | |
| 6 - 2 - 83 | | | |
| JAT Flatbed | 120 BAGS | | |
| 6 - 6 - 83 | | | |
| JAT Flatbed | 120 BAGS | | |
| JAT Flatbed | 130 BAGS | | |
| 6 - 9 - 83 | | | |
| JAT Flatbed | 133 BAGS | | |
| JAT Flatbed | 130 BAGS | | |
| 6 9 - 83 | | | |
| JAT FLATBED TRUCK | 140 BAGS | | |
| 6 - 10 - 83 | | | |
| JAT FLATBED TRUCK | 130 BAGS | | |
| 6 - 13 - 83 | | | |
| JAT FLATBED TRUCK | 130 BAGS | | |
| 6 - 14 - 83 | | | |
| JAT - FLATBED TRUCK | 130 BAGS | | |
| 6 - 15 - 83 | | | |
| JAT FLATBED TRUCK | 130 BAGS | | |
| 6 - 22 - 83 | | | |
| JAT FLATBED TRUCK | 125 BAGS | | |
| 6 - 30 - 83 | | | |
| JAT FLATBED TRUCK | 127 - BAGS | | |
| 8 - 15 - 83 | | | |
| JAT FLATBED TRUCK | 60 BAGS | | |

DISPOSAL PACKET NUMBER

P83-026

## REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-13

GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: H.P. Simonds Phone: 3-2781 Address: 271-B/200E Company: Rockwell

B. Custodian's Name: H.P. Simonds Phone: 3-2781 Address: 271-B/200E Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets).

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Sodium Bisulphate | | MT Cardboard Drum | 35 | ✓ | | | ORM-B |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required ✓

E. Have efforts been made to recycle (e.g., excess) waste? Yes

F. Has waste been treated in any manner? No If so, how? _____

G. Storage Location: 271-B Storage dock

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has

DON'T SAY IT --- *Write It!*

DATE May 31, 1983

TO Dave Briggs

FROM Gary R. Cox

As per our discussion today the following should be included in your chemical handling procedure to adequately address the disposal of containers:

"Upon emptying the containers of Sodium Bisulfate into the process, determine the integrity of the plastic liners found inside the fiberboard drum. If no evidence of leakage is found, the fiberboard drums may be disposed of as regular trash (ie. to trash dumpster). Dispose of all plastic liners as chemical waste in empty fiberboard drum (eg. those which have been determined to be leakers) and make arrangements for transport to the Central Landfill Chemical Trench when a sufficient number have accumulate.

Thank you for your attention to this matter and feel free to contact me if you have further questions.

DON'T SAY IT --- *Write It!*

DATE 5-19-83

TO Gary

FROM N. P. Simonds

We will generate about 20-30 empty drums every two to three weeks.

Dutch,

I spoke with Tom Hendrix about a problem from Purex similiar to this. Let's handle this the same way, eg. Keep this Disposal Request open and as long as it is the same material for disposal, just keep a running tally on additional sheets. I will have H.P. Simonds contact transportation when he has a number of drums ready for shipment.

Call me if you have any problems with this.

"TO MAKE LIFE LAST, PUT SAFETY FIRST"

Gary

9112221750

**DISPOSAL PACKET NUMBER**

**P83-027**

9 1 1 2 2 1 7 2 1 6 1

Ved. 6-1 5-55 gal. E-87917

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

1-21

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: W.R. Buchanan Phone: 3-2181 Address: 234-5/200W Company: RHO

B. Custodian's Name: B.R. Fitzpatrick Phone: 3-2283 Address: 234-5/200W Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. SEE ATTACHED SHEETS | | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required

E. Have efforts been made to recycle (e.g., excess) waste? WASTE OF NO USE

F. Has waste been treated in any manner? NO If so, how?

G. Storage Location: 234-5 LAB/200W RHO

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: HAS BEEN SURVEYED

Generator's Signature: W R Buchanan Date: 12-3-82

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: 2/16/83 Signature: G R Cox

B. Packaging Requirements (specify): As specified on attached sheets; EHW will go to the new storage facility in 200-West area until disposed of offsite.

C. Disposal Location: X Chemical Trench, Asbestos Trench,

(check one) 212-P (Storage), as specified Other

**III. TRANSPORTATION/DISPOSAL**

Transporter(s) Name: L.B. Dan Phone: 6-6654 Address: 1171 Company RHO

B. Date Transported/Disposed: Chemical Trench 6-1-83

C. Transporter(s) Signature: Larry B. Dan

D. E. Shelpe

0000015

BC-6700-174.1 (N-1-82)

X= ~~save~~ +

21

Note: Those items whic require separate packa will go to the Central Landfill

ROOM 133 - OK

| | | |
|---|---|---|
| X | ~~Tetrachlorethylene~~ | ~~1 pt.~~ + |
| X | ~~Potassium Carbonate~~ | ~~1 lb.~~ + |
| X | ~~Potassium Carbonate, Liquid~~ | ~~1 qt.~~ + |
| X | ~~8 - Quinolinol~~ | ~~1/4 lb.~~ + |
| X | ~~Kodak D-19 Developer~~ | ~~22 lb.~~ + |
| X | ~~Kodak D-8 Developer~~ | ~~45 lb.~~ + |

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Room 134 - O.K.

| | | |
|---|---|---|
| X | ~~$H_2SO_4$~~ | ~~1 gal.~~ + |
| X | ~~HCl~~ | ~~1 gal.~~ + |
| X | ~~$HNO_3$~~ | ~~2 gal.~~ + |
| | Hydroiodic Acid | 10 pts. — separate package |
| | Tetrachloroethylene | 1 pt. — EHW |

---

Room 135 - O.K.

| | | |
|---|---|---|
| | Oxalic Acid (Corrosive) | 1 lb. — separate package |
| | Ferrous Ammonium Sulfate | 1 lb. — #3 |
| | Sodium Hydroxide (Corrosive) | 1 lb. — separate package |
| X | ~~Dowex 1-X8 Exchange Resin~~ | ~~3 lbs.~~ + |
| X | ~~Dowex 1-X8 Exchange Resin~~ | ~~2 lbs.~~ + |
| X | ~~AG 50W-X8 Exchange Resin~~ | ~~12 lbs.~~ + |

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141-A CABINET WITH SLIDING DOORS - O.K.

| | | |
|---|---|---|
| | Aluminum Chloride - don't mix w/ organics may explode on opening | 1 lb. — separate package |
| | Aluminum Nitrate - see nitrates | 1 lb. — separate package |
| | Ammonium Acetate | 2 lbs. — #3 |
| | Ammonium Bifluoride | 1 lb. — #3 |
| | Ammonium Molybdate | 2 lbs. — #3 |
| | Ammonium Phosphate | 1 lb. — #3 |
| | Ammonium Sulfate | 2 lbs. — #3 |
| | Ascorbic Acid Powder | 9 lbs. — #3 |
| | 5-Amino-2 Naphtalene Sulfonic Acid | 250 g. — EHW |
| | ~~Sodium~~ Meta Bisulfate | 12 lbs. #2 |
| | Sodium Acetate | 1 lb. — #3 |
| | Ferric Chloride | 1 lb. — #3 |
| | Cerric Nitrate | 1 lb. — #3 |
| | Potassium Iodide | ~~1 lb.~~ #2 |
| | Silver Nitrate - very reactive, caustic | 4 oz. — EHW |
| | Sulfamic Acid | 100 g. — #4 |
| | Hydroxylamine Hydrochloride | 115 g. — #4 |
| | Phenol Red Sodium Salt | 15 g. — EHW |
| | Sodium Carbonate | 1 lb. — #3 |
| | Ferrous Ammonium Sulfate | 2 lb. — #3 |

REFRIGERATOR ACROSS FROM ROOM 157 — O.K.

| | | |
|---|---|---|
| Hypo-phosphorous Acid (reacts w/oxidizers forms phosphine) | 3 pts. | separate package |
| ~~Butyl Alcohol~~ | ~~1 pt.~~ | #1 |
| .5m TTA in Xylene | 1 qt. | EHW |
| X ~~Valeric Acid~~ | ~~1 qt.~~ | + |
| ~~TIOA in Xelene~~ | ~~1 qt.~~ | #1 |
| Dibutyl Butylphosphonate (reacts w/oxidizers) | 125 ml. | #4 |
| Nitrobenzoene | 1 pt. | EHW |
| Xylene | 1 pt. | EHW |
| Collodion | 250 ml. | #4 |
| Toluene | 1 pt. | EHW |
| Methyl Isobutyl Ketone | 1 pt. | #4 |
| Hydrozine in $H_2O$ | 125 ml. | EHW |
| Tri-Sil Z | 25 ml. | #3 |
| Agle Sulanilic Acid in 50% Acetic Acid | 1 pt. | #4 |
| Ferrous Sulfamate | 50 ml. | #3 |
| ~~Triethanolumine~~ | ~~1 pt.~~ | #1 |
| $KMnO_4$ (Potassium Permanganate) oxidizer | 1 qt. | #3 |
| P ($KH_2SO_4$) | 1 qt. | #3 |
| 1-Naphthylamine-7-Sulfomic Acid 50% Acetic Acid | 1 pt. | EHW |
| Li 10-Phenanthroline Ferrous Sulfate Complex | 125 ml. | #4 |

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Room 143 CABINET #1 — O.K.

| | | |
|---|---|---|
| ~~Sodium Bromate~~ | ~~1 lb.~~ | #2 |
| Sodium Bisulfate | 1 lb. | #3 |
| Sodium Bisulfate Monohydrate | 3 lbs. | #3 |
| Sodium Carbonate | 1 lb. | #3 |
| ~~Sodium Metabisulfate~~ | ~~1 lb.~~ | #2 |
| Sodium Chloride | 6 lb. | #3 |
| Sodium Chromate | 1 lb. | #3 |
| ~~Sodium Dichromate~~ | ~~4 lbs.~~ | #2 |
| ~~Sodium Dithionite~~ | ~~2 lbs.~~ | #2 |
| ~~Sodium Flouride~~ | ~~8 lbs.~~ | #2 |
| ~~Sodium Hydrosulfate~~ | ~~1 lb.~~ | #2 |
| ~~Sodium Iodide~~ | ~~1/4 lb.~~ | #2 |
| Sodium Nitrate | 15 lb. | #3 |
| Sodium Phosphate | ~~2 lbs.~~ | #2 |
| Sodium Oxalate | ~~1 lb.~~ | #2 |
| Sodium Metasilicate | 4 lbs. | #2 |
| Sodium Sulfate | 2 lbs. | #2 |
| Sulfamic Acid | 5 lbs. | #4 |
| Sodium Tartrate | 1/4 lbs. | #3 |
| Sodium Thiosulfate | 1 lb. | #3 |
| O-tolidine Dihydrochloride | 1 lb. | #4 |
| Trioctylphosphine | 25 g. | EHW |
| Urea | 1 lb. | #3 |

Room 143 CABINET #1-O.K(CONT'D)

| | | |
|---|---|---|
| ~~Drierite CaSO4~~ | ~~20 lbs.~~ | + |
| Ascarite | 12 lbs. | #4 |
| Acid Potassium Phthalate | 1/4 lbs. | #3 |
| ~~Salicylic Acid~~ | ~~2 lbs.~~ | #1 |
| ~~Ag 1 X8 Anion Resin~~ | ~~6 lbs.~~ | + |

Room 143 CABINET #2 - O.K.

| | | |
|---|---|---|
| ~~Barium Chloride~~ | ~~8 lbs.~~ | #2 |
| ~~Cerium Nitrate~~ | ~~1/4 lb.~~ | #2 |
| Benzion Anti-Oxime | 25 g. | EHW |
| ~~Arsenic Trioxide~~ | ~~1/4 lb.~~ | + |
| ~~Ceric Sulfate~~ | ~~1 lb.~~ | + |
| Cuprous Chloride | 1 lb. | #3 |
| Glycolic Acid | 1/4 lb. | #4 |
| Mercuric Chloride | 1/4 lb. | EHW |
| Ferrous Ammonium Sulfate | 6 lbs. | #3 |
| Lithium Flouride | 2 lbs. | #3 |
| Hydroxylamine Hydrochloride $HH_2OH$-HCl | 8 lbs. | #4 |
| Magnesium Chloride | 1 lb. | #3 |
| Magnesium Perchlorate | 1 lb. | #5 Separate package |
| ~~Sodium Iodide~~ | ~~1/4 lb.~~ | #2 |
| ~~Ferric Ammonium Sulfate~~ | 6 lbs. | #2 |
| ~~N4N - A Methyl P-NitroSoaniline~~ | ~~25 g.~~ | #1 |
| ~~Lanthanum Nitrate~~ | ~~100 g.~~ | #2 |
| Diethylene Triamine Penta-acetic Acid | 1/4 lb. | #4 |
| P - (Dimethylamino) - Benzaldehyde | 300 g. | EHW |
| ~~Mercuric Thiocyonate~~ | ~~1 lb.~~ | #2 |
| Nickel Nitrate | 1 lb. | #3 |
| Potassium Sodium Tartrate | 6 1/4 lbs. | #2 |
| Potassium Bromate | 1 1/4 lb. | #3 |
| ~~Potassium Bromide~~ | ~~1 lb.~~ | #2 |
| ~~Potassium Carbonate~~ | ~~1 lb.~~ | #2 |
| ~~Potassium Chloride~~ | 1 lb. | #2 |
| Potassium Flouride | 1 lb. | #3 |
| Potassium Iodide | 250 g. | #3 |
| Potassium Hydrogen Phthalate | 1/4 lb. | #3 |
| Potassium Persulfate | 1 lb. | #3 |
| ~~Potassium Phosphate~~ | ~~2 lbs.~~ | #2 |
| ~~Salicylic Acid~~ | ~~2 lbs.~~ | #1 |
| Silver Peroxide | 100 g. | EHW |
| ~~Sodium Arsenite~~ | ~~1 lb.~~ | #2 |
| Sodium Bicarbonate | 1 lb. | #2 |

ROOM 143 CABINET #3 - O.K.

| | | |
|---|---|---|
| Bromine reacts with reducers | 1 lb. | #3 |
| Sodium Oxalate | 1 lb. | #2 |
| Acid Ansenious | 1 lb. | separate package |

Room 141-A METAL CABINET — O.K.

| | | |
|---|---|---|
| | Potassium Nitrate Crystals | 3 lbs. — #3 |
| | Potassium Chloride | 1 lb. — #3 |
| | Potassium Carbonate | 1 lb. — #3 |
| | ~~Cupferron~~ | ~~1 oz.~~ #2 |
| | Cupric Nitrate | 1/4 lb. — #3 |
| | Ferric Nitrate | 1 lb. — #3 |
| | Hydroxylamine Hydrochloride | 1 lb. — #4 |
| | Amadac - F | 50 g. — EHW |
| | N-Phenylbenzohydroxamic Acid | 25 g. — EHW |
| x | ~~8 Quinolinol~~ | ~~1 oz.~~ + |
| x | ~~8 Hydroxyquinoline~~ | ~~1/4 lb.~~ + |
| | Tetrapropylammonium Hydroxide | 25 g. — #3 |
| | ~~Ammonium Iodide~~ | ~~1/4 lb.~~ #2 |
| | Ferric Nitrate | 1/4 lb. — #3 |
| | ~~Formaldehyde~~ | ~~1 pt.~~ #1 |
| | ~~Sodium Chloride~~ | ~~1 lb.~~ #2 |
| | Sodium Oxalate | 1 lb. — #3 |
| | ~~Sodium Flouride~~ | ~~1 lb.~~ #2 |
| | 1,10 Phenonthroline | 120 g. — EHW |
| x | ~~Flouride Adjustment Buffer~~ | ~~1 lb.~~ + |
| | ~~Cupric Sulfate~~ | ~~5 lbs.~~ #2 |
| + | ~~Orion Std. Solutions~~ | ~~8 pts.~~ + |

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Room 141-A ICE BOX — O.K.

| | | |
|---|---|---|
| | Dibutyl Butylphosphonate reacts w/oxidizers | 200 ml. — #4 |
| | Dichloridimethylsilane reacts w/oxidizer | 200 ml. — #4 |
| | Hydrazine 35% | 500 ml. — EHW |
| | DBSP Dibutyl butyl phosphonate | 500 ml. — #4 |
| x | ~~Ammonium Bifloride~~ | ~~1 lb.~~ + |
| | $KMnO_4$ (Potassium Permanganate) | 250 ml. — #3 |
| | ~~Sodium Acetate~~ | ~~250 ml.~~ #2 |
| | Hydrogen Peroxide | 250 ml. — down the sink |
| | N-Tridecane | 125 ml. — #4 |
| | Formic Acid | 250 ml. — #4 |
| | ~~N-Butyl Alcohol~~ | ~~250 ml.~~ #1 |
| | ~~Chloroform~~ | ~~250 ml.~~ #1 |
| | Petroleum Ether | 25 ml. — separate package |
| | $CCl_4$ | 50 ml. — EHW |
| | ~~Formaldehyde~~ | ~~250 ml.~~ #1 |
| | Nitrobenzene | 1 kg. — EHW |
| | Formic Acid | 250 ml. — #4 |
| | Hydrazine 65% in $H_2O$ | 500 ml. — EHW |
| | ~~Ferric Ammonium Sulfate~~ | ~~500 ml.~~ #2 |
| | Hydroxylamine Nitrate 15% Ag Sol. | 500 ml. — EHW |
| | .5m TTA in xylene | 1 gal. — EHW |
| | ~~Chloroform~~ | ~~1 gal.~~ #1 |
| | 1% Oxine in Xylene | 250 ml. #1 |

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Room 141-A -O.K.

| | | |
|---|---|---|
| x | ~~$H_2SO_4$~~ | ~~5 gal.~~ + |
| x | ~~HF~~ | ~~4 gal.~~ + |
| x | ~~$H_3PO_4$~~ | ~~1 gal~~ + |
| x | ~~Hypophosphorous Acid 50%~~ | ~~10 pt.~~ + |
| x | ~~HCl 3 (N.C.?)~~ | ~~8 gal.~~ + |
| x | ~~Acetic Acid~~ | ~~2 gal.~~ + |
| x | ~~$HNO_3$~~ | ~~1 gal.~~ + |
| | Tetrachloroethylene | 1 pt. — EHW |

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Room 151 FLAMMABLE CABINET (NEAR) O.K.

| | |
|---|---|
| Nitrobenzene | 6 pts. — EHW |
| ~~Dibutyl Phosphate~~ | ~~1 pt.~~ #4 |
| Ceric Sulfate in one Normal $H_2SO_4$ | 1 pt. — #3 |
| 1 SoAmyl Alcohol | 1 pt. — #4 |
| ~~1~~ 4-Dioxane | ~~1 pt.~~ #4 |
| Amyl Acetate reacts w/oxidizer | 1 pt. — #4 |
| 2 Ethylhexylhydrogen Phosphite | 125 ml. — EHW |
| Propylene Carbonate | ~~1 gal.~~ #2 |
| $CCl_4$ | ~~3 gal.~~ #4 |
| Methymethocylate | 1 gal. — #4 |
| TEP Tributyl phosphate | 1 gal. — #4 |
| Tetrachloroethylene | 1 pt. — EHW |
| Butylstearate reacts w/oxidizer | 2 gal. — #4 |
| ~~1, 1, 2, 2-Tetrabromoethane~~ | ~~1 gal.~~ #4 |

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FLAMMABLE CABINET NEXT TO ROOM 139 -O.K.

| | | |
|---|---|---|
| | 150 Amyl Alcohol | 1 pt. — #4 |
| | ~~Butylacetate~~ | ~~5 gal.~~ #4 |
| | ~~Xylene~~ | ~~4 pts.~~ #4 |
| x | ~~Isopropyl Alcohol~~ | ~~2 gal.~~ + |
| x | ~~Methanol~~ | ~~36 pts.~~ + |
| x | ~~Acetone~~ | ~~36 pts.~~ + |
| | Methylisobutyl Ketone | 5 pts. — #4 |

141-A CABINET WITH SLIDING DOORS (CONT'D) O.K.

| | | |
|---|---|---|
| | ~~Sodium Sulfite~~ | ~~1 lb.~~ #2 |
| X | ~~Orion Tisab III~~ | ~~250 ml.~~ + |
| X | ~~Silver Oxide~~ | ~~150 g.~~ + |
| | ~~Salicylic Acid~~ | ~~9 lbs.~~ #1 |
| | Bromo Oresol Purple Sodium Salt | 5 g. — #3 |
| X | ~~Cation Exchange Resin Ag 50x-X8 100-200 Mesh Hydrogen Form~~ | ~~1 lb.~~ + |
| X | ~~An Ion Exchange Resin Bio-rex 9 50-100 mesh Chloride form~~ | ~~10 lb.~~ + |
| | ~~Sodium Bisulfate Monohydrate~~ | ~~10 lbs.~~ #2 |
| | Ammonium Citrate | 2 lbs. — #3 |
| X | ~~Brucite~~ (~~$CaSe_4$~~) | ~~10 lbs.~~ + |

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Room 155 O.K.

| | | |
|---|---|---|
| | Phosphorous Pentoxide | 1 lb. — #3 |
| X | ~~Ferrous Ammonium Sulfate~~ | ~~1 lb.~~ + |
| | Silver Nitrate | 1/4 lb. — EHW |
| | ~~Ammonium Oxalite~~ | ~~1 lb.~~ #2 |
| | Sodium Hydroxide | 1 lb. #3 |
| | ~~Fuming $HNO_3$ Pure~~ | ~~1/2 gal.~~ - separately packaged |
| X | ~~HF~~ | ~~1 gal.~~ + |
| X | ~~$H_2SO_4$~~ | ~~4 gal.~~ + |
| X | ~~HCl~~ | ~~5 gal.~~ + |
| | .25m Lead Nitrate | 1 qt. - EHW |

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Room 154 - O.K.

| | | |
|---|---|---|
| | Sodium Acetate | 1 lb. — #3 |
| | Magnesium Perchlorate - explosive oxidizer | 3 lb. — separate package |
| | Ascarite | 3 lb. — #4 |
| | Hydroiodic Acid | 20 pts. — separate package |

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Room 152 - O.K.

| | | |
|---|---|---|
| X | ~~$HNO_3$~~ | ~~3 gal.~~ + |

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Room 145 - O.K.

Ammonium Oxalate 5-lbs. — #3

Note #1 must go offsite, move to M.H. Litzinger Memorial Blo

234-5 7 Plant Lab

Extremely Harzardous Waste

Formaldehyde-1pint, 250ml.
Chloroform-250ml, 1gallon.
Nitrobenzene-1Kg., 6pints, 1pint EHW
Hydrazine-65% in $H_2O$ 500ml, 125ml EHW
Hood of absorvent

Xylene-4pints.
1% Oxine in Xylene-250ml.
Carbon tetrachloride-1gallon.
TIOA in Xylene-1quart.

1

requires separat packaging

Oxidizers:

Cerric Nitrate-1lb.#3
Potassium Nitrate Crystals-3lb.#3
$KMnO_4$-250ml #3
Potassium Bromate-1¼lb.#3
Bromine-1lb.#3

Hydrogen Peroxide-250ml - sink disposal
Sodium Nitrate-13lbs.#3
Magnesium Perchlorate-1lb.#3
Nickel Nitrate-1lb.#3
Fuming $HNO_3$-½gallon packaged separately
.25 Lead Nitrate-1quart #3

1,1,2,2-Tetrabromoethane-1gallon.

Reacts with oxidizers.

Butylacetate-5gallons.
N-Butyl Alcohol-250ml.
Dibutyl Phosphate-1pint.
Triethanolamine-1pint.

Hypophosphorus Acid 50%-10pints, 3pints
Salicylic Acid-1lb., 9lb., 2lb.
1,4-Dioxane-1pint.
Butyl Alcohol-1pint.
150 Amyl Alcohol-1pint.

1

Reacts with reducers.

Methanol-1pint.

Potassium Persulfate-1lb.#3

Explosive:

Cupric Nitrate ¼lb.
Ferric Nitrate 1lb., ¼lb

Petroleum Ether-25ml.
Formic Acid-250ml., 250ml

0000025

# 2 234-5 Z Plant Waste

Toxic:

Potassium Iodide - 1lb.
Potassium Chloride - 1lb.
Potassium Carbonate - 1lb.
Potassium Sodium Tartrate - 6¼lb.
Potassium Bromide - 1lb.
Potassium Carbonate - 1lb.
Potassium Phosphate - 2lb.

Cupric Sulfate - 5lb.
Ferric Amm Sulfate - 500ml, 5lb.
Ammonium Iodide - ¼lb.
Barium Chloride - 1lb.
Cerium Nitrate - ¼lb.
Lanthanum Nitrate - 100g.
Mercuric Thiocyonate - 1lb.
Ammonium Oxalite - 1lb.
~~Lactic Acid - 1qt.~~

Sodium MetaBisulfate - 12lb., 1lb.
Sodium Sulfite - 1lb.
Sodium Bisulfate Monohydrate - 10lb.
Sodium Fluoride - 1lb., 7lbs.
Sodium Acetate - 250ml
Sodium Chloride - 1lb.
Sodium Oxalate - 1lb., 1lb.
Sodium Bromate - 1lb.
Sodium Dicromate - 1lb.
Sodium Dithionite - 4lb.
Sodium Hydrosulfate - 1lb.
Sodium Iodide - ¼lb, ¼lb.
Sodium Phosphate - 1lb.
Sodium Metasilicate - 3lb.
Sodium Sulfate - 1lb.
Sodium Arsenite - 1lb.
Sodium Bicarbonate - 1lb.
~~Sodium Hydroxide - 1lb.~~

requires separate packaging

Organics

Ferrous Sulfamate - 50ml.
Hydrocodic Acid - 10pints, 20pints
~~Complete~~ 2
Amadac-F - 50g.
1-Pheneylbenzohydroxamic Acid - 25g
Fluoride Adjustment Buffer - 1lb.
Ferric Sulfate in 1N H2SO4 - 1pint
Ethylhexyl Hydrogen Phosphite - 125ml

1-Phenanthroline Ferrous Sulfate Complex - 125ml
O-toluidine Dihydrochloride - 1lb.
Acid Potassium Phthalate - ¼lb
~~Benzidine - Complete~~
~~N,N-A Methyl P-Nitrosoaniline - 25g~~
Acid Lactic - 1lb
~~Oxalate - 1gallon~~ 2
Methylmethocylate - 1gallon organic

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ORGANIC CHEMICALS FOR DISPOSAL #1

- Xylene - 4 pints
- 1% Oxine in Xylene - 250 mL
- Carbon Tetrachloride - 3 gallon
- TIOA in Xylene - 1 quart
- Formaldehyde - 1 pint, 250 mL
- Chloroform - 250 mL, 1 gallon
- 1, 1, 2, 2 - Tetrabromoethane - 1 gallon
- Butylacetate - 5 gallons
- N-Butyl 7 Alcohol - 250 mL
- Dibutyl Phosphate - 1 pint
- Triethanolamine - 1 pint
- Salicylic Acid - 1 lb, 9 lb, 2 lb
- 1, 4 - Dioxane - 1 pint
- Butyl Alcohol - 1 pint
- 150 Amyl Alcohol - 1 pint
- Benzion Anti-Oxime - 25 g.
- N-N-A Methyl P-Nitrosoaniline - 25 g.

# INORGANIC CHEMICALS FOR DISPOSAL #2

- Potassium Iodide - 1 lb
- Potassium Chloride - 1 lb
- Potassium Carbonate - 1 lb
- Potassium Sodium Tartrate - 6¼ lb.
- Potassium Bromide - 1 lb
- Potassium Carbonate - 1 lb
- Potassium Phosphate - 2 lb
- Cupric Sulfate - 5 lb
- Ferric Ammonium Sulfate - 500 mL, 6 lb
- Ammonium Iodide - ½ lb
- Barium Chloride - 8 lb
- Cerium Nitrate - ½ lb
- Lanthanum Nitrate - ½ lb
- Mercuric Thiocyonate - 1 lb
- Ammonium Oxalite - 1 lb
- Sodium MetaBisulfate - 12 lb, 1 lb
- Sodium Bisulfate Monohydrate - 10 lbs
- CupFerrion - 1 oz.
- Propylene Carbonate - 1 gallon
- Sodium Bicarbonate - 1 lb
- Sodium Arsenite - 1 lb
- Sodium Sulfate - 1 lb
- Sodium Metasilicate - 3 lb
- Sodium Phosphate - 1 lb
- Sodium Iodide - ½ lb, ½ lb
- Sodium Hydrosulfate - 1 lb
- Sodium Dithionite - 4 lb
- Sodium Dichromate - 4 lb
- Sodium Bromate - 1 lb
- Sodium Oxalate - 1 lb, 1 lb
- Sodium Chloride - 1 lb
- Sodium Acetate - 250 mL
- Sodium Fluoride - 1 lb, 7 lbs
- Sodium Sulfite - 1 lb

## #3 Inorganic Chemicals for Disposal

Rm 135 – Ferrous Ammonium Sulfate – 1lb.
Rm 141A – Ammonium Acetate – 2lbs.
Ammonium Biflouride – 1lbs.
Ammonium Molybdate – 2lbs
Ammonium Phosphate – 1lb.
Ammonium Sulfate – 2 lb.
Ascorbic Acid Powder – 9lb.
Sodium Acetate – 1lb.
Ferric Chloride – 1lb.
Cerric Nitrate – 1lb.
Sodium Carbonate – 1lb.
Ferrous Ammonium Sulfate – 2lb.
Tri-Sil Z – 25ml.
Ferrous Sulfamate – 50ml.
Potassium Permanganate – 1 quart
$P(KH_2SO_4)$ 1 quart
Rm. 141-A Potassium Nitrate – 3lb.
Potassium Chloride – 1lb.
Potassium Carbonate – 1lb.
Cupric Nitrate – ¼lb.
Ferric Nitrate – 1lb., ¼lb.
Sodium Oxalate – 1lb.
Rm 141-A Potassium Permanganate 250ml.
Rm. 141-A Bromo Cresol Purple Sodium – 5gram
Ammonium Citrate – 2lbs.
tetrapropylammonium Hydroxide 25grams

Rm. 143 – Sodium Bisulfate – 1l
Sodium Bisulfate Monohydrate – 3lb.
Sodium Carbonate – 1lb.
Sodium Chloride – 6lb.
Sodium Chromate – 1lb.
Sodium Nitrate – 15lb.
Sodium Tartrate – ¼lb.
Sodium Thiosulfate – 1lb.
Urea – 1lb.
Acid Potassium Phthalate ¼lb.
Cuprous Chloride – 1lb.
Ferrous Ammonium Sulfate – 6lb.
Lithium Flouride – 2lb.
Magnesium Chloride – 1lb.
Nickel Nitrate – 1lb.
Potassium Bromate – 3lb.
Potassium Flouride – 1lb.
Potassium Iodide – 250g.
Potassium Hydrogen Phthalate – ¼lb.
Potassium Persulfate – 1lb
Bromine – 1lb.
Rm 151 – Cerric Sulfate in $H_2SO_4$ – 1pint
Rm. 155 – Phosphorus Pentoxide – 1lb.
Sodium Hydroxide – 1lb.
Rm. 154 – Sodium Acetate – 1lb.
Rm. 145 – Ammonium Oxalate – 5lbs.

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# #4 Organic Chemicals for Disposal

Rm. 154 Ascarite - 3 lb.

Rm. 141-A Sulfamic Acid - 100 grams (top of drum)
Hydroxylamine Hydrochloride - 115 grams
Dibutyl Butylphosphonate - 125 ml.
Collodion - 250 ml.
Methyl Isobutyl Ketone - 1 pint
Agle Sulanilic Acid in Acetic Acid - 1 pint
Li-O-Phenanthroline Ferrous Sulfate - 125 ml.

Rm. 143 Sulfamic Acid - 5 lbs (top of drum)
O-tolidine Dihydrochloride - 1 lb.
Ascarite - 12 lbs.
Glycolic Acid - 1/4 lb. (top of drum)
Hydroxylamine Hydrochloride - 8 lbs.
Diethylene Triamine Penta acetic Acid - 1/4 lb.

Rm 141-A Hydroxylamine Hydrochloride - 1 lb.
Dibutyl Butyl phosphonate - 200 ml., 500 ml.
Dichloridimethylsilane - 200 ml.
N-Tridecane - 125 ml.
Formic Acid - 250 ml., 250 ml. (bottom of barrel)
I-So Amyl Alcohol - 1 pint
Amyl Acetate - 1 pint
Methy methocylate - 1 gallon
Tributylphosphate - 1 gallon
Butylsteorate - 2 gallons

Rm 139 150 Amyl Alcohol - 1 pint
Methylisobutyl Ketone - 5 pints

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X= ~~save~~ +

21

Note: Those items which require separate packa will go to the Central Landfill

ROOM 133 - OK

| | | |
|---|---|---|
| X | ~~Tetrachlorethylene~~ | ~~1 pt.~~ + |
| X | ~~Potassium Carbonate~~ | ~~1 lb.~~ + |
| X | ~~Potassium Carbonate, Liquid~~ | ~~1 qt.~~ + |
| X | ~~8 - Quinolinol~~ | ~~1/4 lb.~~ + |
| X | ~~Kodak D-19 Developer~~ | ~~22 lb.~~ + |
| X | ~~Kodak D-8 Developer~~ | ~~45 lb.~~ + |

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Room 134 - O.K.

| | | |
|---|---|---|
| X | ~~$H_2SO_4$~~ | ~~1 gal.~~ + |
| X | ~~HCl~~ | ~~1 gal.~~ + |
| X | ~~$HNO_3$~~ | ~~2 gal.~~ + |
| | Hydroiodic Acid | 10 pts. — separate package |
| | Tetrachloroethylene | 1 pt. — EHW |

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Room 135 - O.K.

| | | |
|---|---|---|
| | Oxalic Acid (Corrosive) | 1 lb. — separate package |
| • | Ferrous Ammonium Sulfate | 1 lb. — #3 |
| • | Sodium Hydroxide (Corrosive) | 1 lb. — separate package |
| X | ~~Dionex [illegible] Exchange Resin~~ | ~~3 lbs.~~ + |
| X | ~~Dionex [illegible] Exchange Resin~~ | ~~2 lbs.~~ + |
| X | ~~AG SCW-X8 Exchange Resin~~ | ~~12 lbs.~~ + |

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141-A CABINET WITH SLIDING DOORS - O.K.

| | | |
|---|---|---|
| | Aluminum Chloride - don't mix w/ organics may explode on opening | 1 lb. — separate package |
| | Aluminum Nitrate - see nitrates | 1 lb. — separate package |
| • | Ammonium Acetate | 2 lbs. — #3 |
| | Ammonium Bifluoride | 1 lb. — #3 |
| • | Ammonium Molybdate | 2 lbs. — #3 |
| | Ammonium Phosphate | 1 lb. — #3 |
| | Ammonium Sulfate | 2 lbs. — #3 |
| | Ascorbic Acid Powder | 9 lbs. — #3 |
| | 5-Amino-2 Naphtalene Sulfonic Acid | 250 g. — EHW |
| | ~~Sodium Meta Bisulfate~~ | ~~12 lbs.~~ #2 |
| | Sodium Acetate | 1 lb. — #3 |
| | Ferric Chloride | 1 lb. — #3 |
| | Cerric Nitrate | 1 lb. — #3 |
| | ~~Potassium~~ Iodide | ~~1 lb.~~ #2 |
| | Silver Nitrate - very reactive, caustic | 4 oz. — EHW |
| | Sulfamic Acid | 100 g. — #4 |
| | Hydroxylamine Hydrochloride | 115 g. — #4 |
| | Phenol Red Sodium Salt | 15 g. — EHW |
| | Sodium Carbonate | 1 lb. — #3 |
| | Ferrous Ammonium Sulfate | 2 lb. — #3 |

REFRIGERATOR ACROSS FROM ROOM 157 — O.K.

| | | |
|---|---|---|
| Hypo-phosphorous Acid (reacts w/oxidizers, forms phosphine) | 3 pts. | separate package |
| ~~Butyl Alcohol~~ | ~~1 pt.~~ | #1 |
| .5m TTA in Xylene | 1 qt. | EHW |
| ~~Valeric Acid~~ | ~~1 qt.~~ | |
| ~~TIOA in Xelene~~ | ~~1 qt.~~ | #1 |
| Dibutyl Butylphosphonate (reacts w/oxidizers) | 125 ml. | #4 |
| Nitrobenzoene | 1 pt. | EHW |
| Xylene | 1 pt. | EHW |
| Collodion | 250 ml. | #4 |
| Toluene | 1 pt. | EHW |
| Methyl Isobutyl Ketone | 1 pt. | #4 |
| Hydrozine in $H_2O$ | 125 ml. | EHW |
| Tri-Sil Z | 25 ml. | #3 |
| Agle Sulanilic Acid in 50% Acetic Acid | 1 pt. | #4 |
| Ferrous Sulfamate | 50 ml. | #3 |
| ~~Triethanolumine~~ | ~~1 pt.~~ | #1 |
| $KMnO_4$ (Potassium Permangate) oxidizer | 1 qt. | #3 |
| P ($KH_2SO_4$) | 1 qt. | #3 |
| 1-Naphthylamine-7-Sulfomic Acid 50% Acetic Acid | 1 pt. | EHW |
| Li 10-Phenanthroline Ferrous Sulfate Complex | 125 ml. | #4 |

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Room 143 CABINET #1 - O.K.

| | | |
|---|---|---|
| ~~Sodium Bromate~~ | ~~1 lb.~~ | #2 |
| Sodium Bisulfate | 1 lb. | #3 |
| Sodium Bisulfate Monohydrate | 3 lbs. | #3 |
| Sodium Carbonate | 1 lb. | #3 |
| ~~Sodium Metabisulfate~~ | ~~1 lb.~~ | #2 |
| Sodium Chloride | 6 lb. | #3 |
| Sodium Chromate | 1 lb. | #3 |
| ~~Sodium Dichromate~~ | ~~4 lbs.~~ | #2 |
| ~~Sodium Dithionite~~ | ~~2 lbs.~~ | #2 |
| ~~Sodium Flouride~~ | ~~8 lbs.~~ | #2 |
| ~~Sodium Hydrosulfate~~ | ~~1 lb.~~ | #2 |
| ~~Sodium Iodide~~ | ~~1/4 lb.~~ | #2 |
| Sodium Nitrate | 15 lb. | #3 |
| ~~Sodium Phosphate~~ | ~~2 lbs.~~ | #2 |
| ~~Sodium Oxalate~~ | ~~1 lb.~~ | #2 |
| ~~Sodium Metasilicate~~ | ~~4 lbs.~~ | #2 |
| ~~Sodium Sulfate~~ | ~~2 lbs.~~ | #2 |
| Sulfamic Acid | 5 lbs. | #4 |
| Sodium Tartrate | 1/4 lbs. | #3 |
| Sodium Thiosulfate | 1 lb. | #3 |
| O-tolidine Dihydrochloride | 1 lb. | #4 |
| Trioctylphosphine | 25 g. | EHW |
| Urea | 1 lb. | #3 |

Room 143 CABINET #1-O.K(CONT'D)

| | | |
|---|---|---|
| ~~Drierite $CaSO_4$~~ | ~~20 lbs.~~ | + |
| Ascarite | 12 lbs. | #4 |
| Acid Potassium Phthalate | 1/4 lbs. | #3 |
| ~~Salicylic Acid~~ | ~~2 lbs.~~ | #1 |
| ~~Ag-1-X8 Anion Resin~~ | ~~6 lbs.~~ | + |

Room 143 CABINET #2 - O.K.

| | | |
|---|---|---|
| ~~Barium Chloride~~ | ~~8 lbs.~~ | #2 |
| ~~Cerium Nitrate~~ | ~~1/4 lb.~~ | #2 |
| Benzion Anti-Oxime | 25 g. | EHW |
| ~~Arsenic Trioxide~~ | ~~1/4 lb.~~ | + |
| ~~Ceric Sulfate~~ | ~~1 lb.~~ | + |
| Cuprous Chloride | 1 lb. | #3 |
| Glycolic Acid | 1/4 lb. | #4 |
| Mercuric Chloride | 1/4 lb. | EHW |
| Ferrous Ammonium Sulfate | 6 lbs. | #3 |
| Lithium Flouride | 2 lbs. | #3 |
| Hydroxylamine Hydrochloride $HH_2OH$-HCl | 8 lbs. | #4 |
| Magnesium Chloride | 1 lb. | #3 |
| Magnesium Perchlorate | 1 lb. | #5 separate package |
| ~~Sodium Iodide~~ | ~~1/4 lb.~~ | #2 |
| ~~Ferric Ammonium Sulfate~~ | 6 lbs. | #2 |
| ~~N,N - A Methyl P-NitroSoaniline~~ | ~~25 g.~~ | #1 |
| ~~Lanthanum Nitrate~~ | ~~100 g.~~ | #2 |
| Diethylene Triamine Penta-acetic Acid | 1/4 lb. | #4 |
| P - (Dimethylamino) - Benzaldehyde | 300 g. | EHW |
| ~~Mercuric Thiocyonate~~ | ~~1 lb.~~ | #2 |
| Nickel Nitrate | 1 lb. | #3 |
| ~~Potassium Sodium Tartrate~~ | ~~6 1/4 lbs.~~ | #2 |
| Potassium Bromate | 1 1/4 lb. | #3 |
| ~~Potassium Bromide~~ | ~~1 lb.~~ | #2 |
| ~~Potassium Carbonate~~ | ~~1 lb.~~ | #2 |
| ~~Potassium Chloride~~ | ~~1 lb.~~ | #2 |
| Potassium Flouride | 1 lb. | #3 |
| Potassium Iodide | 250 g. | #3 |
| Potassium Hydrogen Phthalate | 1/4 lb. | #3 |
| Potassium Persulfate | 1 lb. | #3 |
| ~~Potassium Phosphate~~ | ~~2 lbs.~~ | #2 |
| ~~Salicylic Acid~~ | ~~2 lbs.~~ | #1 |
| Silver Peroxide | 100 g. | EHW |
| ~~Sodium Arsenite~~ | ~~1 lb.~~ | #2 |
| ~~Sodium Bicarbonate~~ | ~~1 lb.~~ | #2 |

ROOM 143 CABINET #3 - O.K.

| | | |
|---|---|---|
| Bromine reacts with reducers | 1 lb. | #3 |
| Sodium Oxalate | 1 lb. | #2 |
| Acid Ansenious | 1 lb. | separate package |

Room 141-A METAL CABINET — O.K.

| | | |
|---|---|---|
| Potassium Nitrate Crystals | 3 lbs. | #3 |
| Potassium Chloride | 1 lb. | #3 |
| Potassium Carbonate | 1 lb. | #3 |
| ~~Cupferron~~ | ~~1 oz.~~ | #2 |
| Cupric Nitrate | 1/4 lb. | #3 |
| Ferric Nitrate | 1 lb. | #3 |
| Hydroxylamine Hydrochloride | 1 lb. | #4 |
| Amadac - F | 50 g. | EHW |
| N-Phenylbenzohydroxamic Acid | 25 g. | EHW |
| X ~~8-Quinolinol~~ | ~~1 oz.~~ | + |
| X ~~8-Hydroxyquinoline~~ | ~~1/4 lb.~~ | + |
| Tetrapropylammonium Hydroxide | 25 g. | #3 |
| ~~Ammonium Iodide~~ | ~~1/4 lb.~~ | #2 |
| Ferric Nitrate | 1/4 lb. | #3 |
| ~~Formaldehyde~~ | ~~1 pt.~~ | #1 |
| ~~Sodium Chloride~~ | ~~1 lb.~~ | #2 |
| Sodium Oxalate | 1 lb. | #3 |
| ~~Sodium~~ Flouride | ~~1 lb.~~ | #2 |
| 1,10 Phenonthroline | 120 g. | EHW |
| X ~~Flouride Adjustment Buffer~~ | ~~1 lb.~~ | + |
| Cupric Sulfate | ~~5 lbs.~~ | #2 |
| + ~~Orion Std. Solutions~~ | ~~8 pts.~~ | + |

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Room 141-A ICE BOX — O.K.

| | | |
|---|---|---|
| Dibutyl Butylphosphonate reacts w/oxidizers | 200 ml. | #4 |
| Dichloridimethylsilane reacts w/oxidizer | 200 ml. | #4 |
| Hydrazine 35% | 500 ml. | EHW |
| DBSP Dibutyl butyl phosphonate | 500 ml. | #4 |
| X ~~Ammonium Bifluoride~~ | ~~1 lb.~~ | + |
| $KMnO_4$ (Potassium Permanganate) | 250 ml. | #3 |
| ~~Sodium Acetate~~ | ~~250 ml.~~ | #2 |
| Hydrogen Peroxide | 250 ml. | down the sink |
| N-Tridecane | 125 ml. | #4 |
| Formic Acid | 250 ml. | #4 |
| ~~N-Butyl Alcohol~~ | ~~250 ml.~~ | #1 |
| ~~Chloroform~~ | ~~250 ml.~~ | #1 |
| Petroleum Ether | 25 ml. | separate package |
| $CCl_4$ | 50 ml. | EHW |
| ~~Formaldehyde~~ | ~~250 ml.~~ | #1 |
| Nitrobenzene | 1 kg. | EHW |
| Formic Acid | 250 ml. | #4 |
| Hydrazine 65% in $H_2O$ | 500 ml. | EHW |
| ~~Ferric Ammonium Sulfate~~ | ~~500 ml.~~ | #2 |
| Hydroxylamine Nitrate 15% Ag Sol. | 500 ml. | EHW |
| .5m TTA in xylene | 1 gal. | EHW |
| ~~Chloroform~~ | ~~1 gal.~~ | #1 |
| ~~1% Oxine in Xylene~~ | 250 ml. | #1 |

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Room 141-A -O.K.

| | | |
|---|---|---|
| X | ~~$H_2SO_4$~~ | ~~5 gal.~~ + |
| X | ~~HF~~ | ~~4 gal.~~ + |
| X | ~~$H_3PO_4$~~ | ~~1 gal~~ + |
| X | ~~Hypophosphorous Acid 50%~~ | ~~10 pt.~~ + |
| X | ~~HCl. (HCl)~~ | ~~8 gal~~ + |
| X | ~~Acetic Acid~~ | ~~2 gal.~~ + |
| X | ~~$HNO_3$~~ | ~~1 gal.~~ + |
| | Tetrachloroethylene | 1 pt. — EHW |

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Room 151 FLAMMABLE CABINET (NEAR) O.K.

| | |
|---|---|
| Nitrobenzene | 6 pts. — EHW |
| ~~Dibutyl Phosphate~~ | ~~1 pt.~~ #1 |
| Ceric Sulfate in one Normal $H_2SO_4$ | 1 pt. — #3 |
| 1 SoAmyl Alcohol | 1 pt. — #4 |
| ~~1-4-Dioxane~~ | ~~1 pt.~~ #1 |
| Amyl Acetate reacts w/oxidizer | 1 pt. — #4 |
| 2 Ethylhexylhydrogen Phosphite | 125 ml. — EHW |
| ~~Propylene Carbonate~~ | ~~1 gal.~~ #2 |
| $CCl_4$ | ~~3-gal.~~ #1 |
| Methymethocylate | 1 gal. — #4 |
| TBP Tributyl phosphate | 1 gal. — #4 |
| Tetrachloroethylene | 1 pt. — EHW |
| Butylsteorate reacts w/oxidizer | 2 gal. — #4 |
| ~~1, 1, 2, 2-Tetrabromoethane~~ | ~~1 gal.~~ #1 |

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FLAMMABLE CABINET NEXT TO ROOM 139 -O.K.

| | | |
|---|---|---|
| | 150 Amyl Alcohol | 1 pt. — #4 |
| | ~~Butylacetate~~ | ~~5 gal.~~ #1 |
| | ~~Xylene~~ | ~~4 pts.~~ #1 |
| X | ~~Isopropyl Alcohol~~ | ~~2 gal.~~ + |
| X | ~~Methanol~~ | ~~36 pts.~~ + |
| X | ~~Acetone~~ | ~~36 pts.~~ + |
| | Methylisobutyl Ketone | 5 pts. — #4 |

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141-A CABINET WITH SLIDING DOORS (CONT'D) OK.

| | | |
|---|---|---|
| | ~~Sodium Sulfite~~ | ~~1 lb.~~ #2 |
| X | ~~Orion Tisab III~~ | ~~250 ml.~~ + |
| X | ~~Silver Oxide~~ | ~~150 g.~~ + |
| | ~~Salicylic Acid~~ | ~~.9 lbs.~~ #1 |
| | Bromo Oresol Purple Sodium Salt | 5 g. — #3 |
| X | ~~Cation Exchange Resin Ag 50x-X8 100-200 Mesh Hydrogen Form~~ | ~~1 lb.~~ + |
| X | ~~An Ion Exchange Resin Biorex 9 50-100 mesh Chloride form~~ | ~~10 lb.~~ + |
| | ~~Sodium Bisulfate Monohydrate~~ | ~~10 lbs.~~ #2 |
| | Ammonium Citrate | 2 lbs. — #3 |
| X | ~~Drierite~~ ($CaSe_4$) | ~~10 lbs.~~ + |

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Room 155 O.K.

| | | |
|---|---|---|
| | Phosphorous Pentoxide | 1 lb. — #3 |
| X | ~~Ferrous Ammonium Sulfate~~ | ~~1 lb.~~ + |
| | Silver Nitrate | 1/4 lb. — EHW |
| | ~~Ammonium Oxalite~~ | ~~1 lb.~~ #2 |
| | Sodium Hydroxide | 1 lb. #3 |
| | ~~Fuming $HNO_3$ Pure~~ | ~~1/2 gal.~~ - separately packaged |
| X | ~~HF~~ | ~~1 gal.~~ + |
| X | ~~$H_2SO_4$~~ | ~~4 gal.~~ + |
| X | ~~HCl~~ | ~~5 gal.~~ + |
| | .25m Lead Nitrate | 1 qt. - EHW |

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Room 154 - O.K.

| | | |
|---|---|---|
| | Sodium Acetate | 1 lb. — #3 |
| | Magnesium Perchlorate - explosive oxidizer | 3 lb. — separate package |
| | Ascarite | 3 lb. — #4 |
| | Hydroiodic Acid | 20 pts. — separate package |

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Room 152 - O.K.

| | | |
|---|---|---|
| X | ~~$HNO_3$~~ | ~~3 gal.~~ + |

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Room 145 - O.K.

Ammonium Oxalate 5-lbs. — #3

# #4 Organic Chemicals for Disposal
## Central Landfill

Rm. 154 Ascarite - 3 lb.

Rm. 141-A Sulfamic Acid - 100 grams (top of drum)
Hydroxylamine Hydrochloride - 115 grams
Dibutyl Butylphosphonate - 125 ml.
Collodion - 250 ml.
Methyl Isobutyl Ketone - 1 pint
Agle Sulanilic Acid in Acetic Acid - 1 pint
Li-O-Phenanthroline Ferrous Sulfate - 125 ml.

Assume 55-gal drum

Rm. 143 Sulfamic Acid - 5 lbs (top of drum)
O-tolidine Dihydrochloride - 1 lb.
Ascarite - 12 lbs.
Glycolic Acid - 1/4 lb. (top of drum)
Hydroxylamine Hydrochloride - 8 lbs.
Diethylene Triamine Penta acetic Acid - 1/4 lb.

Rm 141-A Hydroxylamine Hydrochloride - 1 lb.
Dibutyl Butyl phosphonate - 200 ml., 500 ml.
Dichloridimethyl silane - 200 ml.
N-Tridecane - 125 ml.
Formic Acid - 250 ml., 250 ml. (bottom of barrel)
I-So Amyl Alcohol - 1 pint
Amyl Acetate - 1 pint
Methy methocylate - 1 gallon
Tributyl phosphate - 1 gallon
Butyl stearate - 2 gallons

Rm. 137 I-So Amyl Alcohol - 1 pint
Methylisobutyl Ketone - 5 pints

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# #4 Organic Chemicals for Disposal
## Central Landfill

Rm.154 Ascarite-3lb.

Rm.141-A Sulfamic Acid- 100 grams (top of drum)
Hydroxylamine Hydrochloride-115grams
Dibutyl Butylphosphonate- 125ml.
Collodion - 250ml.
Methyl Isobutyl Ketone- 1pint
Agle Sulanilic Acid in Acetic Acid - 1pint
Li-O-Phenanthroline Ferrous Sulfate-125ml.

Assume 55-gal drum

Rm.143 Sulfamic Acid- 5lbs (top of drum)
O-tolidine Dihydrochloride -1lb.
Ascarite- 12lbs.
Glycolic Acid- ¼lb. (top of drum)
Hydroxylamine Hydrochloride-8lbs.
Diethylene Triamine Penta acetic Acid-¼lb.

Rm141-A Hydroxylamine Hydrochloride-1lb.
Dibutyl Butylphosphonate- 200ml., 500ml.
Dichloridimethylsilane-200ml.
N-Tridecane—125ml.
Formic Acid- 250ml., 250ml. (bottom of barrel)
I- So Amyl Alcohol -1pint
Amyl Acetate - 1pint
Methymethocylate -1 gallon
Tributylphosphate- 1 gallon
Butylsteorate-2 gallons

Rm139 50 Amyl Alcohol- 1pint
Methylisobutyl Ketone- 5pints

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Chemicals Requiring Separate Packaging (Onsite Disposal)

| | |
|---|---|
| Rm. 135 | Oxalic Acid - 1lb. |
| | Sodium Hydroxide - 1lb. |
| Rm 141-A | Aluminum Chloride - 1lb. |
| | Aluminum Nitrate - 1lb. |
| | Hypo-phosphorus Acid - 3 pints |
| Rm. 143 | Magnesium Perchlorate - 1 lb. |
| | Acid Arsenious - 1lb. |
| Rm. 141-A | Petroleum Ether - 25ml. |
| Rm. 154 | Magnesium Perchlorate - 3lb. |
| Rm 134 | Hydroiodic Acid - 10 pints |
| Rm. 154 | Hydroiodic Acid - 20 pints |

# Chemicals Requiring Separate Packaging (Onsite Disposal)
## Central Landfill

| | | Est. burial volume | total lb |
|---|---|---|---|
| Rm. 135 | Oxalic Acid - 1 lb. | .03 ft³ | |
| | Sodium Hydroxide - 1 lb. | .03 | |
| Rm 141-A | Aluminum Chloride - 1 lb. | .03 | |
| | Aluminum Nitrate - 1 lb. | .03 | |
| | Hypo-phosphorus Acid - 3 pints | .05 | |
| Rm. 143 | Magnesium Perchlorate - 1 lb. | .03 | |
| | Acid Arsenious - 1 lb. | .03 | |
| Rm. 141-A | Petroleum Ether - 25 ml. | .0[illegible] | |
| Rm. 15[illegible] | Magnesium Perchlorate - 3 lb. | .05 | |
| Rm 134 | Hydroiodic Acid - 10 pints | .30 | |
| " 154 | Hydroiodic Acid - 20 pints | [illegible] | |
| | | [illegible] ft³ | |

Each packaged separately.

# Extremely Hazardous Waste

| To be packaged separate from other columns | Package as is (separate other col.) |
|---|---|
| Rm. 134 - tetrachloroethylene - 1 pint | Rm 144-A - Silver Nitrate - 4oz. |
| Rm. 144A - 5 amino 2 naphtalene Sulfonic Acid - 250 grams | Rm 143 - Mercuric Chloride - 1/4 lb. |
| Phenol Red Sodium Salt - 15 gram | Rm. 143 - Silver Peroxide - 100 grams |
| .5 m TTA in Xylene - 1 quart | Rm 144-A - Hydroxylamine Nitrate 15% Aq Solution |
| Nitrobenzene - 1 pint | Rm. 155 - Silver Nitrate - 1/4 lb. |
| Xylene - 1 pint | .25 m Lead Nitrate - 1 quart |
| Toluene - 1 pint | |
| Hydrazine in $H_2O$ - 125 ml. | |
| 1-Naphthylamine-7-Sulfonic Acid - 1 pint | |
| Rm. 143 Trioctyl phosphine - 25 gram | |
| Benzion Anti Oxime - 25 gram | |
| P-(Dimethylamino) Benzaldehyde - 300 gram | |
| Rm. 141-A Amadac-F - 50 grams | |
| N-Phenyl benzohydroamic Acid - 25 grams | |
| 1,10-Phenonthroline - 120 grams | |
| Hydrazine 35% - 500 ml. | |
| Carbon tetrachloride - 50 ml. | |
| Nitro benzene - 1 Kg. | |
| Hydrazine 65% - 500 ml. | |
| .5 TTA in xylene - 1 gallon | |
| Tetrachloroethylene - 1 pint | |
| Rm. 151 - Nitrobenzene - 6 pints | |
| 2-Ethylhexyl hydrogen Phosphite - 125 ml. | |
| Tetrachloroethylene - 1 pint | |

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# Offsite Disposal
## Extremely Hazardous Waste

**To be packaged separate from other columns**

Rm. 134 - tetrachloroethylene - 1 pint

Rm. 141A - 5-amino-2 naphtalene Sulfonic Acid - 250 grams
- Phenol Red Sodium Salt - 15 gram
- .5 m TTA in Xylene - 1 quart
- Nitrobenzene - 1 pint
- Xylene - 1 pint
- Toluene - 1 pint
- Hydrazine in $H_2O$ - 125 ml.
- 1-Naphthylamine-7-Sulfonic Acid - 1 pint

Rm. 143 Trioctyl phosphine - 25 gram
- Benzion Anti Oxime - 25 gram
- P-(Dimethylamino) Benzaldehyde - 300 gram

Rm. 141-A Amadac-F - 50 grams
- N-Phenyl benzohydroamic Acid - 25 grams
- 1,10-Phenon Throline - 120 grams
- Hydrazine 35% - 500 ml.
- Carbon tetrachloride - 50 ml.
- Nitro benzene - 1 Kg.
- Hydrazine 65% - 500 ml.
- .5 TTA in xylene - 1 gallon
- Tetrachloroethylene - 1 pint

Rm. 151 - Nitrobenzene - 6 pints
- 2-Ethyl hexyl hydrogen Phosphite - 125 ml.
- Tetrachloroethylene - 1 pint

**Package as is (separate other colu**

Rm 141A - Silver Nitrate - 4 oz.

Rm 143 - Mercuric Chloride - 1/4 lb.

Rm. 143 - Silver Peroxide - 100 gram

Rm 141A - Hydroxylamine Nitrate 15% Aq Solution

Rm. 155 - Silver Nitrate - 1/4 lb.
- .25 m Lead Nitrate - 1 quart

see 55-gal drum

see 30 gal drum

E-8741

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: W. R. Buchanan Phone: 3-2181 Address: 234-5/200 W Company: RHO

B. Custodian's Name: B. R. Fitzpatrick Phone: 3-2283 Address: 234-5/200 W Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. SEE ATTACHED SHEETS | | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required

E. Have efforts been made to recycle (e.g., excess) waste? WASTE OF NO USE

F. Has waste been treated in any manner? NO If so, how?

G. Storage Location 234-5 LAB/200W RHO

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: HAS BEEN SURVEYED

Generator's Signature W R Buchanan Date: 12-3-82

**II. APPROVAL**

A. Approved for Disposal by Name: G. R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: 2/16/83 Signature: G. R. Cox

B. Packaging Requirements (specify): As specified on attached sheets; EHW will go to the new storage facility in 200-West area until disposed of offsite.

C. Disposal Location (check one): X Chemical Trench, Asbestos Trench, 212-P (Storage), as specified Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: L. G. Dow Phone: 6-6655 Address: 1171 Company RHO

B. Date Transported/Disposed: Chemical Trench 6-1-83

C. Transporter(s) Signature L. G. Dow D. E. Phelps

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# Offsite Disposal
## Extremely Hazardous Waste

**To be packaged separate from other columns**

Rm. 134 - Tetrachloroethylene - 1 pint

Rm. 141A - 5 amino-2 naphtalene Sulfonic Acid - 250 grams
Phenol Red Sodium Salt - 15 gram
.5 m TTA in Xylene - 1 quart
Nitrobenzene - 1 pint
Xylene - 1 pint
Toluene - 1 pint
Hydrazine in $H_2O$ - 125 ml.
1-Naphthylamine-7-Sulfomic Acid - 1 pint

Rm. 143 Trioctyl phosphine - 25 gram
Benzion Anti Oxime - 25 gram
P-(Dimethylamino) Benzaldehyde - 300 gram

Rm. 141-A Amadac-F - 50 grams
N-Phenyl benzohydroamic Acid - 25 grams
1,10-Phenon Throline - 120 grams
Hydrazine 35% - 500 ml.
Carbon tetrachloride - 50 ml.
Nitro benzene - 1 Kg.
Hydrazine 65% - 500 ml.
.5 TTA in xylene - 1 gallon
Tetrachloroethylene - 1 pint

Rm. 151 - Nitrobenzene - 6 pints
2-Ethylhexyl hydrogen Phosphite - 125 ml.
Tetra chloroethylene - 1 pint

**Package as is (separate other co**

Rm 141-A - Silver Nitrate - 4 oz.
Rm 143 - Mercuric Chloride - 1/4 lb.
Rm. 143 - Silver Peroxide - 100 gra
Rm 141-A - Hydroxylamine Nitrate 15% Aq Solution
Rm. 155 - Silver Nitrate - 1/4 lb.
.25 m Lead Nitrate - 1 quart

# #4 Organic Chemicals for Disposal
## Central Landfill

Rm.154 Ascarite-3 lb

Rm.141-A Sulfamic Acid - 100 grams (top of drum)
Hydroxylamine Hydrochloride - 115 grams
Dibutyl Butylphosphonate - 125 ml.
Collodion - 250 ml.
Methyl Isobutyl Ketone - 1 pint
Agle Sulanilic Acid in Acetic Acid - 1 pint
1-10-Phenanthroline Ferrous Sulfate - 125 ml.

Rm.143 Sulfamic Acid - 5 lbs (top of drum)
O-tolidine Dihydrochloride - 1 lb.
Ascarite - 12 lbs.
Glycolic Acid - 1/4 lb. (top of drum)
Hydroxylamine Hydrochloride - 8 lbs.
Diethylene Triamine Penta acetic Acid - 1/4 lb.

Rm141-A Hydroxylamine Hydrochloride - 1 lb.
Dibutyl Butylphosphonate - 200 ml., 500 ml.
Dichloridimethylsilane - 200 ml.
N-Tridecane — 125 ml.
Formic Acid - 250 ml., 250 ml. (bottom of barrel)
1- So Amyl Alcohol - 1 pint
Amyl Acetate - 1 pint
Methyl methocylate - 1 gallon
Tributylphosphate - 1 gallon
Butyl steorate - 2 gallons

Rm139 1-So Amyl Alcohol - 1 pint
Methylisobutyl Ketone - 5 pints

Chemicals Requiring Separate Packaging (Onsite Disposal)
Central Landfill

Rm. 135 Oxalic Acid - 1 lb.
Sodium Hydroxide - 1 lb.
Rm 141-A Aluminum Chloride - 1 lb.
Aluminum Nitrate - 1 lb.
Hypo-phosphorus Acid - 3 pints
Rm. 143 Magnesium Perchlorate - 1 lb.
Acid Arsenious - 1 lb.
Rm. 141-A Petroleum Ether - 25 ml.
Rm. 154 Magnesium Perchlorate - 3 lb.
Rm 134 Hydroiodic Acid - 10 pints
Rm. 154 Hydroiodic Acid - 20 pints

E-87417

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE.

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: W. R. Buchanan Phone: 3-2181 Address: 234-5/200 W Company: RHO

B. Custodian's Name: B. R. Fitzpatrick Phone: 3-2283 Address: 234-5/200 W Company: RHO

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. SEE ATTACHED SHEETS | | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? YES Not required

E. Have efforts been made to recycle (e.g., excess) waste? WASTE OF NO USE

F. Has waste been treated in any manner? NO If so, how?

G. Storage Location 234-5 LAB/200W RHO

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: HAS BEEN SURVEYED

Generator's Signature W R Buchanan Date: 12-3-82

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 2/16/83 Signature: G R Cox

B. Packaging Requirements (specify): As specified on attached sheets; EHN will go to the new storage facility in 200-West area until disposed of offsite.

C. Disposal Location (check one) X Chemical Trench, Asbestos Trench, 212-P (Storage), as specified Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: [illegible] Phone: 6-6654 Address: 1171 Company RHO

B. Date Transported/Disposed: Chemical Trench 6-1-88

C. Transporter(s) Signature: [illegible]

D E Shelpe

000228

BC-6700-174.1 (N

1617

# Offsite Disposal
## Extremely Hazardous Waste

**To be packaged separate from other columns**

Rm. 134 - tetrachloroethylene - 1 pint

Rm. 144A - 5 amino-2 naphtalene Sulfonic Acid - 250 grams
Phenol Red Sodium Salt - 15 gram
.5 m TTA in Xylene - 1 quart
Nitrobenzene - 1 pint
Xylene - 1 pint
Toluene - 1 pint
Hydrazine in $H_2O$ - 125 ml.
1-Naphthylamine-7-Sulfonic Acid - 1 pint

Rm. 143 Trioctyl phosphine - 25 gram
Benzion Anti Oxime - 25 gram
P-(Dimethylamino) Benzaldehyde - 300 gram

Rm. 141-A Amadac-F - 50 grams
N-Phenyl benzohydroamic Acid - 25 grams
1, 10-Phenon throline - 120 grams
Hydrazine 35% - 500 ml.
Carbon tetrachloride - 50 ml.
Nitro benzene - 1 Kg.
Hydrazine 65% - 500 ml.
.5 TTA in xylene - 1 gallon
Tetrachloroethylene - 1 pint

Rm. 151 - Nitrobenzene - 6 pints
2-Ethylhexyl hydrogen Phosphite - 125 ml.
Tetrachloroethylene - 1 pint

**Package as is (separate from other c**

Rm 144A - Silver Nitrate - 4 oz.
Rm 143 - Mercuric Chloride - 1/4 lb.
Rm. 143 - Silver Peroxide - 100 gra
Rm 141-A Hydroxylamine Nitrate 15% Aq Solution
Rm. 155 - Silver Nitrate - 1/4 lb.
.25 m Lead Nitrate - 1 quart

# #4 Organic Chemicals for Disposal
## Central Landfill

Rm.154 Ascarite-3lb.

Rm.141-A Sulfamic Acid- 100 grams (top of drum)
Hydroxylamine Hydrochloride-115 grams
Dibutyl Butylphosphonate- 125ml.
Collodion - 250ml.
Methyl Isobutyl Ketone- 1pint
Agle Sulanilic Acid in Acetic Acid - 1pint
1-10-Phenanthroline Ferrous Sulfate-125ml.

Rm.143 Sulfamic Acid- 5lbs (top of drum)
O-Tolidine Dihydrochloride -1lb.
Ascarite - 12 lbs.
Glycolic Acid - ¼ lb. (top of drum)
Hydroxylamine Hydrochloride-8 lbs.
Diethylene Triamine Penta acetic Acid-¼lb.

Rm141-A Hydroxylamine Hydrochloride-1lb.
Dibutyl Butyl phosphonate- 200ml., 500ml.
Dichloridimethyl silane-200ml.
N-Tridecane — 125 ml.
Formic Acid- 250ml., 250ml. (bottom of barrel)
I- So Amyl Alcohol -1 pint
Amyl Acetate - 1 pint
Methy methocylate -1 gallon
Tributyl phosphate- 1 gallon
Butyl steorate-2 gallons

Rm139 50% Amyl Alcohol- 1 pint
Methylisobutyl Ketone- 5 pints

000230

Chemicals Requiring Separate Packaging (Onsite Disposal)
Central Landfill

| | |
|---|---|
| Rm. 135 | Oxalic Acid - 1lb. |
| | Sodium Hydroxide - 1lb. |
| Rm 141-A | Aluminum Chloride - 1lb. |
| | Aluminum Nitrate - 1lb. |
| | Hypo-phosphorus Acid - 3 pints |
| Rm. 143 | Magnesium Perchlorate - 1 lb. |
| | Acid Ansenious - 1lb. |
| Rm. 141-A | Petroleum Ether - 25ml. |
| Rm. 154 | Magnesium Perchlorate - 3lb. |
| Rm 134 | Hydroiodic Acid - 10 pints |
| Rm. 154 | Hydroiodic Acid - 20 pints |

**DISPOSAL PACKET NUMBER**

**P83-028**

9 1 1 2 2 7 2 1 9 5

...ifest

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

PNL-83-001

1-27

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Jeene M. Hobbs Phone: 376-1631 Address: 3762/300 Area Company: PNL

B. Custodian's Name: Fred Burton Phone: 375-2031 Address: LSL-II/3000Area Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1 50:50 Methanol Water Mixture | 7 gal. | 1 gal-glass | 7 | | X | | flammable liquid |
| 2 25:25:25:25 Methanol, water, Benzene, hexane | mix 1 gal. | 1gal-glass | 1 | | X | | flammable liquid |
| 3 50:50 Benzene -Hexane Mix | 1 gal. | 1 gal-glass | 1 | | X | | flammable liquid |
| 4 Crude Oil | 1/2 gal. | 1 gal-glass | 1 | | X | | flammable liquid |
| * 5 50:50 PCS-acetonitrile mixture | 14 gal. | 1 gal-glass | 14 | | X | | flammable liquid |

D. Have appropriate labels been affixed to containers? _____ Not required {Labels will be affixed after packaging if applicabl

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? NO ~~xxxxxxxxx~~ Please give packaging instructions

G. Storage Location 332 Building/300 Area

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Jeene M Hobbs Date: 26 JANUARY 83

*PCS is a proprietary xylene base scintillation solution.

**II. APPROVAL**

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: January 28, 1983 Signature: G R Cox

B. Packaging Requirements (specify): _____

C. Disposal Location: #1,2,4 Chemical Trench, _____ Asbestos Trench, _____

(check one) _____ 212-P (Storage), #3&5 store at Chemical trench on pallets with plastic covering for offsite shipment and disposal. Other, Now 2727-S.

**III. TRANSPORTATION/DISPOSAL**

Transporter(s) Name: L.G. Davis Phone: 6C854 Address: 1171 Company R-H-O

B. Date Transported/Disposed: 6-2-85

C. Transporter(s) Signature: Lance G. Davis

0000046

BC-6700-174.1 (N-1-82)

9112221196

DISPOSAL PACKET NUMBER

P83-029

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

PNL - 83 - 009

3/7

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Area Company: PNL

B. Custodian's Name: Fred Burton Phone: 5-2031 Address: LSL-2/3000Area Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. 25:25:25:25 methanol, water, benzene, hexane mix | 5 gal | glass | 5 | | X | | flammable liq (EHW) |
| 2. | | | | | | | |
| 3. tetrahydrofuran | 12gal | glass | 12 | | X | | flammable liq |
| 4. ethyl ether | 1 gal | glass | 1 | | X | | flammable liq |
| 5. isopropyl ether | 10 # | 2 glass 3 metal | 5 | | X | | flammable liq (EHW) |

D. Have appropriate labels been affixed to containers? _____ Not required _____ The lab packs will be labeled w/flammable Liquid labels and waste labels.

E. Have efforts been made to recycle (e.g., excess) waste? no NA

F. Has waste been treated in any manner? no If so, how? _____

G. Storage Location: 332 Bldg/300 Area

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Jeene Hobbs *Jeene M Hobbs* Date: 4 May 1983

**II. APPROVAL**

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: May 18, 1983 Signature: *G. R. Cox*

B. Packaging Requirements (specify): #1,3,4,5,6,9,10 will be shipped offsite in 55 gallon drums. #7,8,12 will go to Central Landfill.

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), 2227-S (offsite) Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: L.G. Dills Phone: 16654 Address: 1171 Company RHO

B. Date Transported/Disposed: 6-2-83

C. Transporter(s) Signature: *Lance H Dawes*

0000096

BC-6700-174.1 (N-1-82)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class | |
|---|---|---|---|---|---|---|---|---|
| *6. 50:50 PCS-acetonitrile mixture | 7 gal | glasss | 7 | | X | | flammable Liq (EHW) | |
| 7. Dioxane | 1 3/4 gal | glass | 4 | | X | | flammable (DW) | 0.1 |
| 8. Bromine | 2 qt | glass in metal | 2 | | X | | Corrosive | 0.1 |
| # 9. $CO_{2m}$ Met | 1 gal | glass | 1 | | X | | flammable & strong base poison (EHW) | |
| 10. methylene glycol monomethyl ether | 1 gal | glass | 1 | | X | | (EHW) | |
| 11. | | | | | | | | |
| 12. perchloric acid | 1 pt | glass | 1 | | X | | Oxidizer | 0.1 |
| 13. | | | | | | | | |
| 14. | | | | | | | | |
| 15. | | | | | | | | |
| 16. | | | | | | | | |
| 17. | | | | | | | | |
| 18. *PCS is a proprietary xylene based scintillation solution. | | | | | | | | |
| 19. #$CO_2$ trapping agent | | | | | | | | |
| 20. | | | | | | | | |
| 21. | | | | | | | | |
| 22. | | | | | | | | |
| 23. | | | | | | | | |
| 24. | | | | | | | | |
| 25. | | | | | | | | |
| 26. | | | | | | | | |
| 27. | | | | | | | | |
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| 29. | | | | | | | | |
| 30. | | | | | | | | |
| 31. | | | | | | | | |
| 32. | | | | | | | | |
| 33. | | | | | | | | |
| 34. | | | | | | | 0000057 | |



6612/2411 6

**DISPOSAL PACKET NUMBER**

**P83-030**

9 1 1 2 2 5 7 2 3 0 0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION. The Generator should complete Part I and forward this form to: WESDT 202-S 200 West Richland

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Area Company: PNL

B. Custodian's Name: Mark Engelhard Phone: 5-2719 Address: PSL/3000Area Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check Only) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Nitric Acid 90% | 3# | glass in foam | 3 | | X | | Oxidizer |
| 2. Phosphoric Acid 85% | 30 pt | glass | 6 | | X | | corrosive material |
| 3. Hydrochloric Acid 37% | 66# | glass | 11 | | X | | corrosive material |
| 4. Glacial Acetic Acid | 25# | glass | 5 | | X | | corrosive material |
| 5. Nitric Acid | 15# | glass | 3 | | X | | corrosive/oxidizer |

D. Hazard Warning Labels been affixed to containers? _____ Not required _____ They will be.

E. Recycle/Reuse Attempts made to recycle (e.g., excess) waste? no

F. Has waste been treated in any manner? ~~no~~ If so, how? _____

G. Storage Location: PSL/3000Area will be transferred to 332 for disposal

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator Signature: Jeene Hobbs *Jeene M Hobbs* Date: 2 June 83

II. APPROVAL

A. Approved for disposal by Name: _____ Phone: _____ Address _____ Co.: _____

Date: _____ Signature: _____

B. Packaging Requirements (specify): _____

C. Disposal Location: _____ Chemical Trench, _____ Asbestos Trench,

_____ 212-P (Storage), _____ Other

[redacted] Address: 1111 Company: RHO

000264

| Generic Name | Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 6. Magnesium Oxide | 1# | glass | 1 | X | | | |
| 7. Hydrofloric Acid 52% | 20# | plastic | 2 | | X | | corrosive material |
| 8. Bromine | 1# | glass in cardboard(?) | 1 | X | | | corrosive material |
| 9. Sulfuric Acid | 9# | glass | 1 | X | | | corrosive material |
| 10. Mixture: 7% HF, 20% $HNO_3$ | 1/2 gal | plastic | 1 | X | | | corrosive material |
| 11. 5% HCl, 68% water | | | | | | | |
| 12. | | | | | | | |
| 13. | | | | | | | |
| 14 | | | | | | | |
| 15. | | | | | | | |
| 16. | | | | | | | |
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| 31 | | | | | | | |
| 32 | | | | | | | |
| 33 | | | | | | | |
| 34. | | | | | | | |

DISPOSAL PACKET NUMBER

P83-031

4/1

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

2-37

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: J.A. McIntyre Phone: 6-6131 Address: 747 Bldg Company: HEHF

B. Custodian's Name: same Phone: Address: Company:

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1 Dioctyl Sebacate w/ oxidizer (corrosive) | 46 lbs. | Tin | 2 | x | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

D. Have appropriate labels describing material been affixed to containers? x Not required

E. Have efforts been made to recycle (e.g., excess) waste? no

F. Has waste been treated in any manner? yes If so, how? liquid made solid by vermiculite

G. Storage Location: 747 Bldg.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number:

Generator's Signature: J. A. McIntyre Date: 4/13/83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: May 10, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Absorb liquid

C. Disposal Location: X Chemical Trench, Asbestos Trench,

(check one) 212-P (Storage), Other

III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: L. A. Davis Phone: 6-6654 Address: 1071 Company RHO

B. Date Transported/Disposed: 6-6-83

C. Transporter(s) Signature: Larry A. Davis

Chemical Trench 6-6-83 L. E. Fisher

0000093 6C-6700-174.1 (N-1-82)

# DISPOSAL PACKET NUMBER

## P83-032

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-33

**GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: PUREX Oper. Phone: 3-2833 Address: 202-A/200E Company: Rockwell Hanford

B. Custodian's Name: R.A Polk Phone: 3-2323 Address: 202-A/200E Company: Rockwell Hanford

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. FERROUS SULFAMATE | 125 lb | FIBER DRUM | 17 | ✓ | | | — |
| 2. HYDRAZINE | EMPTY | 30 GAL METAL DRUM | 3 | ✓ | | | |
| 3. HYDROXYLAMINE Nitrate | MT | 55-GAL METAL DRUMS | 12 | ✓ | | | |
| 4. PAINTERS WASTE | | 55-GAL METAL DRUMS | 3 | ✓ | | | |
| 5. RAGS, THINNER ETC | 325 LB | | | | | | |

D. Have appropriate labels been affixed to containers? Yes Not required —

E. Have efforts been made to recycle (e.g., excess) waste? Yes

F. Has waste been treated in any manner? NO If so, how? —

G. Storage Location: 202-A, PUREX, 200-EAST, DOCK #3

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: NA

Generator's Signature: R.A. Polk Date: 5/23/83

## II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200W Co.: Rockwell

Date: June 6, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Acceptable as listed

C. Disposal Location: X Chemical Trench, ____ Asbestos Trench,

(check one) ____ 212-P (Storage), ____ Other

## III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: J.W. Carr Phone: 66664 Address: 1171 Company RHO

B. Date Transported/Disposed: ____

C. Transporter(s) Signature: John W. Carr

0000109

BC-6700-174.1 (N-1-82)

DISPOSAL PACKET NUMBER

P83-033

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

4/13

**GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: R.A. Polk Phone: 3-2323 Address: 202-A/200-E Company: Rockwell

B. Custodian's Name: R.A. Polk Phone: 3-2323 Address: 202-A/200-E Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. | | | | | | | |
| 2. See Attached List | | | | | | | |
| 3. | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? N/A If so, how? _____

G. Storage Location: 202-A/200-East Loading Dock

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: N/A

Generator's Signature: (Open Request) Date: June 20, 1983

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: June 20, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Empty Containers - Open Request

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL** Open Request for material noted - document numbers only

Transporter(s) Name: J.W. Cole Phone: 6-6654 Address: 1171 Company RHO

Date Transported/Disposed: _____

C. Transporter(s) Signature: John Wayne Cole

0000156

BC-6700-174.1 (N-1-82)

4-13

DON'T SAY IT --- *Write It!*

DATE June 20, 1983

TO R. A. Polk / Shift Manager 202-A

FROM Gary R. Cox / Hazardous Waste Coordinator

Re: Empty Container Disposal From Chemical Operations At Purex.

A review of the empty chemical containers emanating from Purex Operations (listed on your letter of May 27 - PS-017-83) indicates that the following disposal options are available: A.) The Sugar, Soda Ash, QuickSorb, Limestone, and Tartaric bags may be disposed of as trash in the dumpsters; B.) The Sodium Nitrate, Sodium Nitrite, Sulfamic Acid, Calcium Nitrate, Oxalic Acid, Ferrous Sulfamate, Potassium Permanganate, Hydrogen Peroxide, and Oxalic may be disposed of together in the designated dumpster to be placed at the 202-A loading dock; C.) The Hydrazine and Hydroxylamine Nitrate must be disposed of separately to the Central Landfill. Since these are 55 gallon metal/plastic drums, this should present no problems.

Attached you will find a copy of the approved-open disposal request for these materials. This will allow you to call Transportation (Dennis Poor) as needed to effect disposal.

cc: H. Boynton
D. Poor

"TO MAKE LIFE LAST PUT SAFETY FIRST"

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

4/13

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: R.A.Potk Phone: 3-2323 Address: 202-A/200-E Company: Rockwell

B. Custodian's Name: R.A.Potk Phone: 3-2323 Address: 202-A/200-E Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. | | | | | | | |
| 2. | | | | | | | |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? N/A If so, how? _____

G. Storage Location: 202-A/200-East Loading Dock

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: N/A

Generator's Signature: (Open Request) Date: June 20, 1983

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: June 20, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Empty Containers - Open Request

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL Open Request for material noted - document numbers only

A. Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

B. Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

0000155

BC-6700-174.1 (N-1-82)

# Internal Letter

Rockwell International

Date: May 27, 1983

No.: PS-017-83

TO: (Name, Organization, Internal Address)
G. R. Cox, EA&M
202-S/200-West
373-3679

FROM: (Name, Organization, Internal Address, Phone)
R. A. Polk
202-A/200-East
373-2323

Subject: Disposal Requirements of Empty Chemical Containers.

In our previous meeting with you at PUREX we discussed the disposal requirements of empty chemical containers. You requested a listing of the type of container and what chemical it held. At the present time we now have the following chemicals that are used at PUREX; more could be added later.

1. Sugar - Paper Bag - trash
2. Soda Ash - Paper Bag - no prob. trash
3. Quick Sorb - Paper Bag - trash
4. Sodium Nitrate - Paper Bag oxidizer
5. Sodium Nitrite - Paper Bag oxidizer
6. Sulfamic Acid - Paper Bag reacts w/acid
7. Limestone - Paper Bag - trash to form
8. Calcium Nitrate - Fiber Barrel oxid
9. Oxalic Acid - Fiber Barrel toxic oral
10. Ferrous Sulfamate - Fiber Barrel no prob.
11. Hydrazine - Metal Barrel - reducer +
12. HN - Metal Barrel, some plastic drums re
13. Pot Permanganate - tiny Metal Barrel oxi
14. Hydrogen Peroxide - Plastic Barrel oxid
15. Oxalic - Plastic Bag no problems
16. Tartaric - Burlap Bag - no problems - trash

Your suggestions and recommendations for disposal of these containers in an expediant and reasonable cost to meet the required guidelines would be appreciated.

R. A. Polk

R. A. Polk, Shift Manager
PUREX Services & $UO_3$ Operations

RAP/cas

cc: B. F. Campbell
J. D. McIntosh
S. M. Nielson

Lb/file

DISPOSAL PACKET NUMBER

P83-034

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

2-11

A. Generator's Name: RW Higbee Phone: 32950 Address: WESF Company: Rockwell

B. Custodian's Name: JC Fulton Phone: 32924 Address: WESF Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Turco 4502 | 125 lb | 55 gal drum | 1 | X | | | Oxidizer |
| 2. | | | | | | | Corrosive Mat |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? yes Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? yes

F. Has waste been treated in any manner? yes If so, how? wrapped in plastic (steel drum)

Storage Location: 225-B HVAC room

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: 68303004

Generator's Signature: RW Higbee Date: 3/17/83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 3/24/83 Signature: G R Cox

B. Packaging Requirements (specify): As is

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: H J Mafey Phone: 66654 Address: 1171 Company DPHO

B. Date Transported/Disposed: 6/2/83 Chemical Trench

C. Transporter(s) Signature: H J Mafey DE Fulton

75892

0000060 BC-6700-174.1 (N-1-82)

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: RW Higbee Phone: 32950 Address: WESF Company: Rockwell

B. Custodian's Name: JC Fulton Phone: 32924 Address: WESF Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Turco 4502 | 125 lb | 55 gal drum | 1 | X | | | Oxidizer |
| 2. | | | | | | | Corrosive Mat |
| 3. | | | | | | | |
| 4 | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? yes Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? yes

F. Has waste been treated in any manner? yes If so, how? wrapped in plastic (steel drum)

G. Storage Location: 225-B HVAC room

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: 68303004

Generator's Signature: RW Higbee Date: 3/17/83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 3/24/83 Signature: G R Cox

B. Packaging Requirements (specify): As is

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: _____ Phone: _____ Address: _____ Company _____

B. Date Transported/Disposed: _____

C. Transporter(s) Signature: _____

6-22-83? 0000061

BC-6700-174.1 (N-1-82)

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: RW Higbee Phone: 32950 Address: WESF Company: Rockwell

B. Custodian's Name: JC Fulton Phone: 32924 Address: WESF Company: Rockwell

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Turco 4502 | 125 lb | 55 gal drum | 1 | X | | - | Oxidizer |
| 2. | | | | | | | Corrosive Mat |
| 3. | | | | | | | |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? yes Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? yes

F. Has waste been treated in any manner? yes If so, how? wrapped in plastic (steel drum)

G. Storage Location: 221-B HVAC room

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: 68303006

Generator's Signature: RW Higbee Date: 3/17/83

**II. APPROVAL**

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address 202-S/200-W Co.: Rockwell

Date: 3/24/83 Signature: G R Cox

B. Packaging Requirements (specify): As is

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: H J Mapley Phone: 66654 Address: 1171 Company PHO

B. Date Transported/Disposed: 6/2/83 Chemical Trench

C. Transporter(s) Signature: H J Mapley DE Philp

= 75892

000206

BC-6700-174.1 (N-1-82)

**DISPOSAL PACKET NUMBER**

**P83-035**

9 1 1 2 2 4 7 2 2 1 6

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

4-7 ff

45

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: J. M. Peterson Phone: 376-6731 Address: Rm. 107, Fed. Bldg. Company: DOE-RL

B. Custodian's Name: Same Phone: Same Address: Company: Same

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Sulfuric Acid | 24 oz. | Bottles | 3 | | X | | Corosive |
| 2. Potassium Hydroxide Solution | 8 oz. | Bottle | 1 | | X | | Corrosive |
| 3. Sulfate Solution | 8 oz. | Bottle | 1 | | X | | Corrosive |
| 4. | | | | | | | |
| 5. | | | | | | | |

D. Have appropriate labels been affixed to containers? Yes Not required

E. Have efforts been made to recycle (e.g., excess) waste? N/A

F. Has waste been treated in any manner? No If so, how?

G. Storage Location: Room 107, Federal Building

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: N/A

Generator's Signature: Jma M. Peterson Date: 6/15/83

**II. APPROVAL**

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200 West Co.: Rockwell

Date: June 16, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Pack in orginal containers

C. Disposal Location: X Chemical Trench, Asbestos Trench,

(check one) 212-P (Storage), Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: H.J. Mafey Phone: 6654 Address: 1171 Company: RHO!

B. Date Transported/Disposed: 6-22-83 6-22-83

C. Transporter's Signature: H.J. Mafey

Dr. Fitzpatrick Chemical Trench

0000123

SC-6700-174.1 (N-1-82)

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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.

MANIFEST DOCUMENT NUMBER

4-5
4-7

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | Central Land Fill | Generator | DOE-RL |
| E.P.A. ID Code No. | | E.P.A. ID Code No. | WA7890008767 |
| Address | Rockwell Hanford Operations | Address | Federal Bldg. |
| Destination | Central Land Fill | Origin | Richland, WA |
| Phone | 372-3679 | Phone | 376-6731 |

| No. of Containers | PROPER SHIPPING NAME | HAZARD CLASS | UN/NA No. | EPA Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 3 | Sulfuric Acid | Corrosive | UN1830 | -- | 24 oz. | Corrosive |
| 1 | Potassium Hydroxide Solution | Corrosive | UN1814 | -- | 8 oz. | Corrosive |
| 1 | Sodium Hydrogen Sulfate Solution | Corrosive | UN2337 | -- | 3 oz. | Corrosive |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY-RESPONSE INFORMATION**

CONTACT Name Patrol Emergency

Phone 911

National Response Center 1-800-424-8802

in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature _____ Date _____

TRANSPORTER #1 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

COPY

J000130

# HAZARDOUS WASTE MANIFEST

THIS SHIPPING ORDER must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and returned by the Agent.

MANIFEST DOCUMENT NUMBER

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | Central Land Fill | Generator | DOE-RL |
| E.P.A. ID Code No. | | E.P.A. ID Code No. | WA7890008767 |
| Address | Rockwell Hanford Operations | Address | Federal Bldg. |
| Destination | Central Land Fill | Origin | Richland, WA |
| Phone | 373-3679 | Phone | 376-6731 |

| No. | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | D.O.T. I.D. NO. | EPA | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 3 | Sulfuric Acid | Corrosive | UN1830 | -- | 24 oz. | Corrosive |
| 1 | Potassium Hydroxide Solution | Corrosive | UN1814 | -- | 8 oz. | Corrosive |
| 1 | Sodium Hydrogen Sulfate Solution | Corrosive | UN2837 | -- | 8 oz. | Corrosive |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 destinated as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is 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 bill of 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.

## ALTERNATE DESTINATION (EMERGENCY ONLY)

T/S/D FACILITY _____
E.P.A. ID Code No. _____
Address _____
Destination _____

## EMERGENCY RESPONSE INFORMATION

CONTACT Name Patrol Emergency
Phone 811

National Response Center 1-800-424-8802
in D. C. 426-2675

## CERTIFICATION

This is to certify that the above 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 and the E.P.A.

Generator Signature Ann M. Peterson Date 6/15/83

TRANSPORTER #1 H.I. Hackney E.P.A. ID No. _____
Address 1121 Jadwin
City Richland State Wa Zip 99352 Phone 376-6602

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature H.I. Hackney Date 6-22-83

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

## TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature NOE Dixon Chemical Trench Date 6-24-83

TRANSPORTER #1 COPY 000204

**DISPOSAL PACKET NUMBER**

**P83-036**

9 1 1 2 2 4 7 2 2 2 0

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-43

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: D.D. ROUNTRY Phone: 3 2108 Address: 202 S/200W Company: ROCKWELL

B. Custodian's Name: E P THOMPSON Phone: 3 2394 Address: 2719WA 200W Company: ROCKWELL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. 2,4-D AMINE | 50 | 5.0 GALLON METAL | 50 | | | | * |
| 2. 2,4-D AMINE | 3 | 55 GALLON METAL | 3 | | | | * |
| 3. BANVEL | 29 | 2.5 GALLON PLASTIC | 29 | | | | * |
| 4. R-11 | 5 | 5.0 GALLON PLASTIC | 5 | | | | * |
| 5. MISCELLANEOUS PAPER, RAGS, ETC | 1 | 55 GALLON METAL | 1 | | | | ⊗ |

D. Have appropriate labels been affixed to containers? YES Not required _____

E. Have efforts been made to recycle (e.g., excess) waste? NO

F. Has waste been treated in any manner? YES If so, how? * TRIPLE-RINSED CONTAINERS ⊗ WASTE PACKAGED IN PLASTIC and CONTAINED IN METAL DRUM

G. Storage Location: 275-EA WAREHOUSE

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: NOT APPLICABLE

Generator's Signature: DD Rountry Date: 6-10-83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 202-S/200 West Rockwell

Date: June 9, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): All empty containers except #5

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

Transporter(s) Name: SS Webb Phone: 373-2351 Address: 2707 W Company RHO

A. Date Transported/Disposed: June 27, 1983

C. Transporter(s) Signature: Steven Scott Webb

D E Phelps Chemical Trench

00001

9-4-00-174.1 (N-1-82)

DISPOSAL PACKET NUMBER

P83-037

✓

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

PNL-83-017

(3-41)

**GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Area Company: PNL

B. Custodian's Name: Mike Brown Phone: 5-2067 5-3791 Address: CEL/3000 Area PSL/3000 Area Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Bagasse | 3 or 4 tons in 20 bales & | | | X | | | |
| 2. | | 2 bags | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |

The USDA representative must be present when this is buried. It must be covered with at least 3 feet of soil. Contact ~~XXXXX~~ Mike Brown before scheduling disposal. This waste can go in the Central Landfill. ~~A dump truck with a cover will be needed to haul the waste to the~~ landfill.

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? no

F. Has waste been treated in any manner? no If so, how? _____

G. Storage Location CEL/ 3000 Area outside

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Jeene Hobbs Jeene M Hobbs Date: 7 June 83

**II. APPROVAL**

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: June 8, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): As Noted above

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

Transporter(s) Name: TW Toberg Phone: 376-6654 Address: 1171 Bldg Company Rockwell

Date Transported/Disposed: 7-25 83

C. Transporter(s) Signature: DE Phelps

0000125

BC-6700-174.1 (N-1-82)

United States Department of Agriculture

Animal and Plant Health Inspection Service

Federal Bldg.
Hyattsville, MD
20782

3-41

June 3, 1983

Mike Brown
Battelle Northwest
6th Street Warehouse
Richland, WA 99352

Dear Mr. Brown:

This letter will serve as authorization for burial of the sugarcane bagasse which you imported under permit # 15-380. The sugarcane bagasse is to be buried at the Hanford Nuclear Reservation under three feet of earth and in accordance with all applicable Federal, State, and Local regulations.

The movement of the bagasse may be supervised by Terry Ely, Plant Protection and Quarantine Officer.

Sincerely,

M. JoAnne Spires

M. JoAnne Spires
Supervisory Program Assistant
Permit Unit
National Program Planning Staff
Plant Protection and Quarantine

Gary - Please attached to bagasse disposal request -
Thanks -
Jeene
Dennis Poor, Please attach with D.R.

RECEIVED
JUN 7 1983
INDUSTRIAL SAFETY

0000126

APHIS - Protecting American Agriculture

**DISPOSAL PACKET NUMBER**

**P83-038**

9 1 1 2 2 1 7 2 2 2 2 5

PNL-83-016

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-31

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Company: pnl PNL

B. Custodian's Name: Bill Rossitor Phone: 6-5946 Address: 324/300 Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. FeOH | 735 gal | fiberboard plastic | 13 | X | | | |
| 2. floor sweepings | 230 gal | metal | 6 | X | | | |
| 3. (contains $CaCO_3$, silica, LiOH) | in 2 - 55 gal drums & 4 - 30 gal drums | | | | | | |
| 4. ~~75~~ cupric nitrate | 75# | metal | 2 | X | | | oxidizer |
| 5. (metal cans packed in double | plastic bags in a 30 gal drum) | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required They will be

E. Have efforts been made to recycle (e.g., excess) waste? no

F. Has waste been treated in any manner? no If so, how? _____

G. Storage Location: 324/300 Area and JAJones warehouse/3000 area
Contact Bill Rossitor for exact location before picking up for disposal.

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Generator's Signature: Jeene Hobbs Jeene M Hobbs Date: 26 May 83

II. APPROVAL

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell
Date: June 6, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): As noted above is acceptable

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,
(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: Thompson Phone: 66654 Address: 2171 Company RHO

B. Date Transported/Disposed: D E Phelps 7-27-83

C. Transporter(s) Signature: _____

0000107

BC-6700-174.1 (N-1-82)

# HAZARDOUS WASTE MANIFEST

**THIS MEMORANDUM**

is an acknowledgement 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 furnished solely for filing of record.

MANIFEST DOCUMENT NUMBER

PNL-M-83-030 3-31

This document corresponds to disposal request numbered PNL-83-016.

| TO: | FROM: |
|---|---|
| T/S/D FACILITY Rockwell Hanford Operations | Generator Battelle PNL |
| E.P.A. ID Code No. WA7-89-[illegible] 000-8967 | E.P.A. ID Code No. WA7-89-000-8967 |
| Address Richland, Wa 99352 | Address Richland, Wa 99352 |
| Destination Central Landfill - Chemical trench | Origin 324/300 Area & JAJones Warehouse/3000 Are |
| Phone Gary Cox 373-3679 | Phone Jeene Hobbs 376-1631 |

| | PROPER SHIPPING NAME | HAZARD CLASS | | | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | Waste cupric nitrate | oxidizer | NA1479 | ( | 110 | oxidizer controlled |
| 8 9 | Floor Sweepings ($CaCO_3$, LiOH, silica) | none | none | none | 2370 | none |
| 12 13 | Waste Ferric Hydroxide | none | none | none | | none |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED none

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY none

E.P.A. ID Code No. _____

Address _____

Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name Battelle Industrial Safety

Phone JM Hobbs 376-1531

National Response Center 1-800-424-8802 In D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature Jeene Hobbs Date 9 June 83

TRANSPORTER #1 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature _____ Date _____

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature _____ Date _____

T/S/D F COPY 0000105

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER: PNL-M-83-030

This document corresponds to disposal request numbered PNL-83-016.

| TO: | FROM: |
|---|---|
| T/S/D FACILITY Rockwell Hanford Operations | Generator Battelle PNL |
| E.P.A. ID Code No. WA7-89-~~8787~~ 000-8967 | E.P.A. ID Code No. WA7-89-000-8967 |
| Address Richland, Wa 99352 | Address Richland, Wa 99352 |
| Destination Central Landfill - Chemical trench | Origin 324/300 Area & JAJones Warehouse/3000 Are |
| Phone Gary Cox 37373679 | Phone Jeene Hobbs 376-1631 |

| Shipping Order No. | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | D.O.T. Identification No. | EPA Hazardous Waste No. | WEIGHT | LABELS REQUIRED (or Exemption No.) |
|---|---|---|---|---|---|---|
| 1 | Waste cupric nitrate | oxidizer | NA1479 | | 1 Drum 110 lb | oxidizer controlled |
| 8 | Floor Sweepings ($CaCO_3$, LiOH, silica) | none | none | none | 3 pallets 2370 | none |
| 2 | Waste Ferric Hydroxide | none | none | none | 5220 | none |
| | | 4 pallets | 3 plastic Drums | | 1200 | |
| | | | 9 Fiber Drums | | 4020 | |
| | | | | | 5220 | |

PLACARDS REQUIRED none

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

$ _____ Per _____

FREIGHT CHARGES PREPAID ☐ COLLECT ☐

RECEIVED, subject to the classifications and tariffs 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 this 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. It is 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 bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY none
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name Battelle Industrial Safety
Phone JM Hobbs 376-1631

National Response Center 1-800-424-8802
in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature Jeene Hobbs Jeene M Hobbs Date 9 June 83

TRANSPORTER #1 U E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 1 Signature _____ Date _____

TRANSPORTER #2 _____ E.P.A. ID No. _____
Address _____
City _____ State _____ Zip _____ Phone _____

This is to certify acceptance of the hazardous waste shipment.

Transporter No. 2 Signature [illegible] Date 7/4/83

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.

T/S/D FACILITY Signature [illegible] Date 7-17-83

**TRANSPORTER #1 COPY**

000205

13.0 PNL-83-016

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

3-31

**I. GENERATION:** The Generator should complete Part I and forward this form to: WS&DT, 202-S/200 West, Rockwell

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Company: PNL

B. Custodian's Name: Bill Rossitor Phone: 6-5946 Address: 324/300 Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. FeOH | 735 gal | fiberboard plastic | 13 | X | | | |
| 2. floor sweepings | 230 gal | metal | 6 | X | | | |
| 3. (contains $CaCO_3$, silica, LiOH) in 2 - 55 gal drums & 4 - 30 gal drums | | | | | | | |
| 4. 75# cupric nitrate | 75# | metal | 2 | X | | | oxidizer |
| 5. (metal cans packed in double plastic bags in a 30 gal drum) | | | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required _____ They will be

E. Have efforts been made to recycle (e.g., excess) waste? no

F. Has waste been treated in any manner? no If so, how? _____

G. Storage Location: 324/300 Area and JAJones warehouse/3000 area

H. "I hereby certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: _____

Contact Bill Rossitor for exact location before picking up for disposal

Generator's Signature: Jeene Hobbs *Jeene M Hobbs* Date: 26 May 83

**II. APPROVAL**

A. Approved for disposal by Name: G.R.Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: June 6, 1983 Signature: *Gary R. Cox*

B. Packaging Requirements (specify): As noted above is acceptable

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

**III. TRANSPORTATION/DISPOSAL**

A. Transporter(s) Name: Thompson Phone: 66654 Address: 2171 Company RHO

B. Date Transported/Disposed: D E Phelps 7-27-83

C. Transporter(s) Signature: *[illegible]*

000207

BC-6700-174.1 (N-1-82)

WSD FACILITY [illegible]

6 2 2 7 7 2 2 2 9

9 1 1 2 2 1 7 2 2 2 9

**DISPOSAL PACKET NUMBER**

**P83-039**

9 1 1 2 2 7 2 2 3 0

✓

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

PNL-83-012

3-21

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: Jeene Hobbs Phone: 6-1631 Address: 3762/300 Area Company: PNL

B. Custodian's Name: Bill Rossitor Phone: 6-5946 Address: 324/300 Area Company: PNL

C. Waste Description: (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 1. Empty Drums(Previous contents will be listed) | | | | | | | |
| 2. FeOH | 46 | 55 gal steel | | | | | |
| 3. Caustic soda beads | 2 | 55 gal steel no lids | | | | | |
| 4. Cerium nitrate | 3 | 30 gal steel | | | | | |
| 5. Neodyium nitrate | 1 | 55 gal fiberboard | | | | | |

D. Have appropriate labels been affixed to containers? _____ Not required X

E. Have efforts been made to recycle (e.g., excess) waste? NA

F. Has waste been treated in any manner? NA If so, h

G. Storage Location: 324/300 Area (Contac[illegible] [illegible]itor for pickup and disposal)

H. "I hereby certify that this material has been released by Rad[illegible] (if applic[illegible]) and that Part One of this form has been completed to the best of my knowledge." Survey Card

Generator's Signature: Jeene Hobbs Jeene M Hobbs Date: 20 May 83

II. APPROVAL

A. Approved for disposal by Name: Gary R. Cox Phone: 3-3679 Address: 202-S/200-W Co.: Rockwell

Date: June 2, 1983 Signature: Gary R. Cox

B. Packaging Requirements (specify): Empty Drums - verify

C. Disposal Location: X Chemical Trench, _____ Asbestos Trench,

(check one) _____ 212-P (Storage), _____ Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: J.H. Armstrong Phone: 66654 Address: 1171 Company RHO

B. Date Transported/Disposed: 8-11-83 Chemical Trench.

C. Transporter(s) Signature: [illegible]

0000102

BC-6700-174.1 (N-1-87)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| 6. Empty Drums Cont | | | | | | | |
| 7. Alumium hydroxide | 1 | 55 gal fiberboard | | | | | 3-21 |
| 8. Ferric phosphate | 11 | 55 gal fiberboard | | | | | |
| 9. Zirconium nitrate | 1 | 55 gal fiberboard | | | | | |
| 10. Lithium hydroxide | 1 | 55 gal fiberboard | | | | | |
| 11. | | | | | | | |
| 12. | | | | | | | |
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| 34. | | | | | | | |

0000103



9 1 1 2 2 7 2 2 3 2

**DISPOSAL PACKET NUMBER**

**P83-040**

9 1 1 2 2 1 7 2 2 3 3

# REQUEST TO DISPOSE OF NONRADIOACTIVE HAZARDOUS WASTE

4-39

I. GENERATION: The Generator should complete Part I and forward this form to: WS&DT 202-S/200 West Rockwell

A. Generator's Name: J.M. Bishop Phone: 6-3518 Address: 313 Bldg/300 Area Company: UNC

B. Custodian's Name: J.M. Bishop Phone: 6-3518 Address: 313 Bldg/300 Area Company: UNC

C. Waste Description. (If more than five items, attach additional sheets)

| Generic Name | Total Quantity | Type of Container | Number of Containers | (Check One) Sol. | Liq. | Gas | Hazard Class |
|---|---|---|---|---|---|---|---|
| Asbestos Gloves | ~ 24 pr | Double Bag | 16 | ✓ | | | |
| Asbestos covered Pipes | ~ 18 ea | Double Wrapped | 18 | ✓ | | | |
| Asbestos Gloves | ~ 200 pr | Cardboard Box | 19 | ✓ | | | |
| Asbestos Insulation | ~ 14 ea | Double Bag | 14 | ✓ | | | |
| Asbestos Coat | ~ 8 ea | Double Bag | 1 | ✓ | | | |

D. Have appropriate labels been affixed to containers? yes Not required

E. Has an effort been made to recycle (e.g., excess) waste? No

F. Has waste been treated in any manner? NO If so, how?

G. Storage location 313 Dock Load Lugger

H. "I certify that this material has been released by Radiation Monitoring (if applicable) and that Part One of this form has been completed to the best of my knowledge." Survey Card Number: 07429 Jan Stinch

Generator's Signature: Jerry M. Bishop Date: 8-17-83

II. APPROVAL

A. Approved for disposal by Name: G.R. Cox Phone: 3-3679 Address: 222-T/200-W Co.: Rockwell

Date: August 24, 1983 Signature: G.R. Cox

B. Packaging Requirements (specify): Double Bagged and wetted

C. Disposal Location: (check one) Chemical Trench, X Asbestos Trench, 212-P (Storage), Other

III. TRANSPORTATION/DISPOSAL

A. Transporter(s) Name: H.J. Mafey Phone: 66654 Address: 1171 Jorge Company: R.H.O.

B. Date Transported/Disposed: 9-7-83

C. Transporter(s) Signature: H.J. Mafey 9-7-83

D. E. Phelps Asbestos Trench

RS-A700-274.1 (N-1-82)

000193

# HAZARDOUS WASTE MANIFEST

**THIS SHIPPING ORDER** must be legibly filled in, in ink, in indelible Pencil, or in Carbon, and retained by the Agent.

MANIFEST DOCUMENT NUMBER: 4-39

| TO: | | FROM: | |
|---|---|---|---|
| T/S/D FACILITY | ROCKWELL | Generator | J.M. Bishop |
| E.P.A. ID Code No. | WA-D990002967 | E.P.A. ID Code No. | WA-TK 900084767 |
| Address | Central Avenue 1 Mile E.W. | Address | 4 NO 300 Area |
| Destination | Rockwell | Origin | 3131 373 Rd. |
| Phone | 2-3516 | Phone | 6-3516 |

| No. Containers | D.O.T. PROPER SHIPPING NAME | HAZARD CLASS | Other Wastes | EPA Hazardous No. | WEIGHT | LABELS REQUIRED (or Exception No.) |
|---|---|---|---|---|---|---|
| 68 | Asbestos (asbestos material double wrapped in plastic) | ORM-C | None | None | 8001b | NONE |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

PLACARDS REQUIRED

NOTE - Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding $ _____ Per _____

FREIGHT CHARGES: PREPAID ☐ COLLECT ☐

RECEIVED subject to the classifications and tariffs in effect on the date of the issuance 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 this 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. It is 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 terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of 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.

**ALTERNATE DESTINATION (EMERGENCY ONLY)**

T/S/D FACILITY _____
E.P.A. ID Code No. _____
Address _____
Destination _____

**EMERGENCY RESPONSE INFORMATION**

CONTACT Name H Boynton
Phone 3-3516

National Response Center 1-800-424-8802
in D. C. 426-2675

**CERTIFICATION**

This is to certify that the above 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 and the E.P.A.

Generator Signature Dennis M. Bishop Date 9-7-83

TRANSPORTER #1 [illegible] E.P.A. ID No. _____
Address [illegible]
City [illegible] State Wa Zip 99354 Phone 66654

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 1 Signature [illegible] Date 9-7-83

TRANSPORTER #2 [illegible] E.P.A. ID No. _____
Address [illegible]
City [illegible] State Wa Zip 99354 Phone 66654

This is to certify acceptance of the hazardous waste shipment.
Transporter No. 2 Signature [illegible] Date 9-7-83

TREATMENT/STORAGE/DISPOSAL FACILITY

This is to certify acceptance of the hazardous waste for treatment, storage, or disposal.
T/S/D FACILITY Signature [illegible] Date [illegible]

TRANSPORTER #1 COPY

000194