

**NOTES ON PREPARATION OF THE
NONRADIOACTIVE DANGEROUS WASTE LANDFILL
WASTE DISPOSAL DOCUMENT
FOR YEAR 1975**

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 1975", 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

P75-001

91123 / 40003

REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

Instructions

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

I Custodian

Name ROBERT M. DWELACH Telephone 2-1533

Building/Area UNIT 100 - 1720 1/2 100 K

II Identification of Material

Trade Name TURCO

Chemical Name DECON - 4306 C

Storage Location 185 BLDG. - 100F

Contaminated with Radioactive Material? Yes _____ No X

III Packaging

Physical Form: Liquid _____ Number of Containers 304

Solid X Weight 125 LB. each

Gas _____ Volume 48,875 LB. each

Compressed Gas _____

Age of Container 5 YEARS

Container: Glass _____

Wood, Fiber, Plastic FIBER

Metal _____

IV Reason for Disposal

This Turco was originally procured for decontamination use in the old Reactors.

Due to ID reactivation it is no longer required at K Area, and this type

of Turco is not used at 100-II Area.

11/09/75 Date Disposal Required by _____

V Comments

(acid, caustic, flammable, toxic, etc.)

X This material was buried at ARICO Landfill 11/03/75

By Robert Gregory

0000003

91123710004

DISPOSAL PACKET NUMBER

P75-002

911210306

Orig. - M R Clark
C.C. - Custodian
- K R Price

REQUEST FOR DISPOSAL OF HAZARDOUS MATERIALS

Instructions

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

I Custodian

Name FS STONG Telephone 2-2719

Building/Area 271 T / 200 W

II Identification of Material

Trade Name 2 Misc small containers of old

Chemical Name Laboratory Chemicals

Storage Location Basement 271 T

Contaminated with Radioactive Material? Yes _____ No X

III Packaging

Physical Form: Liquid X

Solid X

Gas _____

Compressed Gas _____

Number of Containers numerous per

Weight _____ each in 55 gal

Volume _____ each

Age of Container Unknown

Container: Glass _____

Wood, Fiber, Plastic _____

Metal 55 gal Drums for burial - 3 Drums

IV Reason for Disposal

old, uncertain history, unusable

Date Disposal Required by ASAP

V Comments

(acid, caustic, flammable, toxic, etc.)

Part of specific materials in each drum
supplied to J.L. Calder, E 305

Approved for Disposal:

Date 11-13-75

By KR Price

Burned at Central Fuelfill

Date 11-13-1975

By M Clark

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute
Pacific Northwest Laboratory
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Occupational and Environmental
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

Gentlemen:

There isn't any problem in disposing of your unknown laboratory waste to the Central Landfill. Please make sure the carcinogens are excluded from the waste before it goes to the Central Landfill. As per our conversation, Mr. M. E. Clark of Transportation, Utilities, Maintenance, Services is your contact for the disposal arrangements. Please keep us advised as to the disposition of the waste.

Yours truly,

J. L. Calder, III
Environmental Engineer
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman
JL Calder III ✓
ME Clark
RI Groh
KR Price

Lab waste. List of quantities in 2 half bottles.

1000000



Battelle

Pacific Northwest Laboratories

Project Number _____

Internal Distribution

Date November 12, 1975

To EA Weakley

from TJ McLaughlin

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)
PFX Dunigan, Jr. (w/o enc)
JH Soehnlein (w/o enc)
File/LB

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house neutralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002

DISPOSAL PACKET NUMBER

P75-003

010017114

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 W. J. Bachmann / DE Rutherford TELEPHONE 942-7169
BUILDING/AREA 1171 Building, 1100 Area

II. IDENTIFICATION OF MATERIAL

TRADE NAME Used Battery Acid
CHEMICAL NAME Electrolyte
STORAGE LOCATION 1171 Battery Acid Disposal Dump
CONTAMINATED WITH RADIOACTIVE MATERIAL? YES NO

III. PACKAGING

LIQUID SOLID GAS
NUMBER OF CONTAINERS WEIGHT EA. VOLUME 2 yds EA.
TYPE OF CONTAINER Not Applicable AGE OF CONTAINER

IV. REASON FOR DISPOSAL

To remove gravel saturated with battery acid

V. DATE DISPOSAL REQUIRED

12-11-75

VI. COMMENTS

Gravel saturated with battery acid

APPROVED FOR DISPOSAL
BY [Signature]
DATE 12-9-75

DISPOSAL LOCATION Central Landfill
BY [Signature]
DATE 12-11-75 0000005

DISPOSAL PACKET NUMBER

P75-004

9112 10012

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 Kathy Probasco TELEPHONE 946-2044

BUILDING/AREA ISL II/3000

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____

CHEMICAL NAME Variety of waste chemicals

STORAGE LOCATION PS Loading Dock

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID X SOLID X GAS _____

NUMBER OF CONTAINERS 700 WEIGHT 50 lbs. EA. VOLUME 2.5 ft³ EA.

TYPE OF CONTAINER 55/30 gallon barrel AGE OF CONTAINER 2-10 years

IV. REASON FOR DISPOSAL

No longer useful chemicals

V. DATE DISPOSAL REQUIRED

12/12/75

VI. COMMENTS

Small quantities of organics present.

APPROVED FOR DISPOSAL

BY J. J. Keller JR.

DATE 12/9/75

DISPOSAL LOCATION Central Landfill

BY W. J. ... (Signature)

DATE 12-11-75

Date December 9, 1975

To JL Calder

From TJ McLaughlin

TJ McLaughlin

Subject Waste Chemicals to be Picked Up at P.S.B. Loading Dock

The chemicals listed below are ready for disposal:

- (8) jars of unknown liquids
- 100 ml phenyl isocyanate
- 1 Jar of 2, 7, Dichlorofloresceine Spray Reagent
- 1 Plastic Container NHy MB
- 216 Solvent Extracts 100 ml ea.
- 400 Scintilation Vials 25 ml ea.
- 12 Chunks of Sediment Contained in Plastic Containers
- 100 Vials of Unknown
- 4 Small Bottles Crude Oil
- 8 lt. (2 gal.) Crude Sludge
- 1 lt. Formamide Liquid
- 1 lt. HCL acid in Metal Container
- 15 lb Jars of Phosphorous Pentoxide (granular)

0000007

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute
Pacific Northwest Laboratory
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Occupational and Environmental
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

Gentlemen:

There isn't any problem in disposing of your unknown laboratory waste to the Central Landfill. Please make sure the carcinogens are excluded from the waste before it goes to the Central Landfill. As per our conversation, Mr. M. E. Clark of Transportation, Utilities, Maintenance, Services is your contact for the disposal arrangements. Please keep us advised as to the disposition of the waste.

Yours truly,

J. L. Calder, III
Environmental Engineer
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman
JL Calder III ✓
ME Clark
RI Groh
KR Price

*Lab waste sent to landfill. Please inform
to St. University quantities in 2nd bottles.*

1000000

Date November 12, 1975

To EA Weakley

from TJ McLaughlin

TJ McLaughlin

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)
PFX Dunigan, Jr. (w/o enc)
JH Soehnlein (w/o enc)
File/LB

Enclosed please find four "Chemical Waste Disposal Permit" applications as supplied by your office. The applications were completed separately according to physical location of the wastes for accounting purposes.

As you may note, laboratory quantities of organic acids comprise the largest disposal request. This is due to the present inadequacy of Hanford hazardous waste management practices to handle such wastes. Other Battelle chemicals are disposed through burial and treatment systems provided by ARHCO and by in-house neutralization techniques.

Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002

DISPOSAL PACKET NUMBER

P75-005

2112 0017



Battelle

Pacific Northwest Laboratories

Project Number _____

Internal Distribution

EH Phinney w/o enc.
JH Soehnlein w/o enc.
FB Steele w/o enc.
HC Stidham w/o enc.

Date November 18, 1975

To JL Calder

From TJ McLaughlin *TJ McLaughlin*

Subject Chemicals Packaged in 242-B Pending Burial

The following chemicals were placed into a 55 gallon drum for disposal purposes on November 17, 1975. All were solids except two unknown liquids.

<u>Chemical</u>	<u>Quantity</u>	<u>No. Containers</u>	<u>Container Size</u>
Aluminum (powder)	13.0 lb.	4	4/1 lb.
Calcium chloride	1.0 lb.	1	1 lb.
Soda lime	1.0 lb.	1	1 lb.
Sea sand	2.5 lb.	3	1 lb.
Phosphoric acid (granular)	19.0 lb.	21	1 lb.
Sodium oxalate	11.0 lb.	12	1 lb.
Pentasodium diethylene- triamine pentaacetate	0.8 lb.	1	1 lb.
Ethylene diamine	0.5 lb.	1	3 Kg
tetraacetic acid			
Oxalic acid (granular)	2.5 lb.	2	5/1 lb.
Manganous sulfate	1.0 lb.	1	1 lb.
Magnesium sulfate (anhydrous)	0.75 lb.	1	1 lb.
Silica gel	25.0 lb.	1	25 lb.
Sodium carbonate	4.0 lb.	4	1 lb.
Acridine	1.0 lb.	1	1 Kg
8-Quinolinol	1.0 lb.	1	1 Kg
8-Hydroxy-7-iodo-5-quinoline sulfonic acid	0.1 lb.	1	100 g
Sulfamic acid	0.5 lb.	2	100 g
Magnesium oxide	0.75 lb.	1	1 lb.
Potassium dichromate	0.75 lb.	1	1 lb.
Potassium iodide	1.0 lb.	1	1 lb.
Potassium permagnate	3.0 lb.	3	1 lb.
Thenoxitrifluoro acetone	0.5 lb.	1	1 lb.
Calcium carbonate	1.0 lb.	1	1 lb.
Phosphorous acid (granular)	0.25 lb.	1	1 lb.
Unknown liquid	10.0 lb.	1	10 lb.
Unknown liquid	0.1 lb.	1	0.1 lb.

*W...
P...
2-5-75*

The drum was placed just outside the west door of 242-B.

I am enclosing an ARHCO "Request for Disposal of Hazardous Materials form for the chemicals.

As I mentioned in our recent telephone conversation, I would like to coordinate this barrel pick up with others to reduce transport charges.

0000009

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 Fred Steele TELEPHONE 942-2233

BUILDING/AREA 242-B/200-E

II. IDENTIFICATION OF MATERIAL

TRADE NAME See enclosed memo

CHEMICAL NAME _____

STORAGE LOCATION 242-B

CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID _____ SOLID X GAS _____

NUMBER OF CONTAINERS 1 WEIGHT ~ 100 EA. VOLUME 3 ft³ EA.

TYPE OF CONTAINER metal AGE OF CONTAINER > 5 yrs.

IV. REASON FOR DISPOSAL

No longer useful chemicals that no other researches want.

V. DATE DISPOSAL REQUIRED

December 1, 1975

VI. COMMENTS

Some granular acids present.

APPROVED FOR DISPOSAL

BY J. L. L. L.

DATE 11/21/75

DISPOSAL LOCATION Central Landfill

BY D. H. H. H. (L. L. L. L.)

DATE 12-11-75 000010

Atlantic Richfield Hanford Company
Federal Building
Richland, Washington 99352
Telephone 509 942 7411



October 30, 1975

Battelle Memorial Institute
Pacific Northwest Laboratory
Richland, Washington 99352

Attention: Mr. T. J. McLaughlin, Engineer
Occupational and Environmental
Safety Department

Subject: DISPOSAL OF UNKNOWN WASTE

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Yours truly,

J. L. Calder, III
Environmental Engineer
Environmental and Occupational Safety Department

JLC:pvb

cc: GE Backman

JL Calder III ✓

ME Clark

RI Groh

KR Price

*Lab waste. Last report of disposal should be
left. Very small quantities in 2 half bottles.*

1000000



Battelle

Pacific Northwest Laboratories

Project Number _____

Internal Distribution

Date November 12, 1975

To EA Weakley

from TJ McLaughlin

Subject Request for Chemical Disposal Assistance

JL Calder (w/o enc)
PFX Dunigan, Jr. (w/o enc)
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File/LB

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Any cooperation you could render would be most appreciated. We look forward to working with you in this matter.

/mh

0000002

DISPOSAL PACKET NUMBER

P75-006

9112110022

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 L F LUST *eff* TELEPHONE 7-3014
BUILDING/AREA 325/300

II. IDENTIFICATION OF MATERIAL

TRADE NAME _____
CHEMICAL NAME Trichloroethylene
STORAGE LOCATION 325/ Rm 528
CONTAMINATED WITH RADIOACTIVE MATERIAL? YES _____ NO X

III. PACKAGING

LIQUID X SOLID _____ GAS _____
NUMBER OF CONTAINERS 1 WEIGHT _____ EA. VOLUME 55 gal EA.
TYPE OF CONTAINER Drum AGE OF CONTAINER Maximum
Looks fairly new. Painted.

IV. REASON FOR DISPOSAL

No longer usable - polluted
with oil.

V. DATE DISPOSAL REQUIRED

VI. COMMENTS

Used in Tech Shops for degreasing
metal

APPROVED FOR DISPOSAL

BY JF LUST

DATE 12/16/75

DISPOSAL LOCATION Central Landfill

BY Bob Gregory

DATE 12-22-75

0000011