

BOOIAL RECORD

16/24/60

Two gallons each of isotope waste products were delivered today under 74 ft of earth. One contained short lived isotope in the form of bottles, beakers, syringes, etc.

Other contained all the residues from C¹⁴ lab. This included all waste as beakers, solutions from beakers, contamination, etc. The approximate amount of C¹⁴ is estimated at < 150 μ C.
J. E. Eubank

5/26/60

Two gallons each of waste for C¹⁴ lab. from Dr. Eubank (5³⁵) were delivered today in the usual manner.

The total C¹⁴ was < 300 μ C
" " " 535 " < 10 μ C

J. E. Eubank

9/27

M. Chouiz of C¹⁴ lab had 5 rats which had received < 0.5 μ C C¹⁴ each as format. He was advised to dispose of them in the usual manner for non-radioactive animals.

Total < 2.5 μ C C¹⁴

J. E. Eubank

10/21/60

Two garbage cans of wastes were
buried today in the proper manner
at the NP dump site as usual. It
included:

H³ < 20 μ c

C¹⁴ < 100 μ c

JCR

11/30/60

Three bottles (total 5 ml.) of (old) THOROTRAHES
preparation were given to H.C. Brown of UCLA
Dept. of Environmental Health for sea burial
with their next cans. JCR

Jan 11, 1961

Two trash cans of C-14 wastes
were buried today in the proper manner
at the NP dump site. One best
estimates are that it included
no more than: 200 μ c.

It also included the empty bottles,
in which CO₂ U-13/12 has been used
and used.

JCR

Note: On 9/27/60 5 rats with 2 C-14 each
were disposed of as ordinary trash.

Hereafter no C14 residues at any
level will be disposed of except by burial.
This is the advice of Central Office
issued at the Cincinnati meeting in
December 1960 regarding incineration disposal.

This means that at this Center
no C14 will be disposed of by
incineration without permission from
the AEC, in writing. *J. B. R.*

3/3/61 Two brown cans of C¹⁴, H³ and
mixed $\pm$ 131, P³² residues were
found today in the proper room.
Estimated:

C¹⁴ < 200 μ C

H³ < 100 μ C

Mixed $\pm$ 131 & P³² residues with
that the cans (highest one) read
ca. 15 mR/hr at the outside.

J. B. R.

4/21/61

Two trash cans of assorted wastes were buried today in the appropriate manner. In addition one 5 gal can of collected scintillation fluid from Brown Labs. were also buried. This can was opened & the contents poured out into the bottom of the hole at the burial site.

Total of $<150 \mu\text{C}$ of C^{14} has been buried. J.R.

6/8/61

Two cans of C^{14} wastes plus mixture of shot lined asphalt residues were buried today in the prescribed manner. The activity outside the cans was $<5 \text{ m.r./hr.}$ on contact.

Estimated $<200 \mu\text{C}$ of C^{14}
J.R.

7/21/61

Two cans of C^{14} and H^3 wastes plus mixture of shot lined asphalt residues were buried in the appropriate manner. Estimated maximum of $<200 \mu\text{C}$ C^{14} $<100 \mu\text{C}$ H^3 .
J.R.

8/29/61 Two trash cans of assorted waste
were buried today in the appropriate
manner. One 5 gal. can contained
scintillation fluids from various labs.
These cans were opened and buried in
a ^{greater than} four ft. ^{deep} hole and recovered.

a total of < 500 pc. of C14.

Estimated < 250 pc. of H₃

One can read < 5 mr/hr at contact.
PDT

10-4-61 - Two Trash Cans Assorted Lab Waste

1 5 gal can of scintillation fluid

4 bottles 1 gal. can for some C-14

3 " 1 gal. can for level can

3 lb can for level can

1 50 cc. misc. for glassware H₃

One can read 9 mr/hr at contact.

One can read 14 mr/hr at contact.

One buried in appropriate manner - hole 4 ft.
deep & covered. All cans were covered
before burial. No sig. reading on other items.

Total of < 170 pc. C-14

< 120 pc. H₃

< 100 pc. I-131

Edward W. Wetheran Jr.

1-26-62 2 Large barrels - 0 - 5mr on one
 4 BKG on the other. I-131 20yr max
 2 Small Cans C-14 10yr
 7 bottles Liquid SCINTILL. FLUID CONTAM. -
 C-14 + H-3 C-14 25yr H-3 25yr
 1 box Misc. Lab Trash, Wires etc
 1 Gal. SCINT. FLUID & ^{Liquids} CONTAINING 1mc H3

Were buried @ N.P. Dump Site - New Method
 of burial - Grave digger machine excavates
 hole 6-7' deep x 3' wide - Waste dumped into
 bottom & covered by bulldozer. 100-200' away
 From previous dump area.

J. Witham Jr.

3-16-62 Waste deposited @ N.P. Dump

Waste & Form	Reading	Activity -mc
H ³ O Liquid	BKGD	0.500
Fe ⁵⁹ SOLID Trash	0.05mr max	0.005
Cr ⁵¹ SOLID Trash	0.05mr max	0.005
I ¹³¹ Liquid	BKGD?	0.010
Y-90 SOLID Y ₂ O ₃	50 mr	0.040
H ³ O SCINT FLUID 10gal.	BKG	0.050
H ³ O + C-14 Bench Papers	BKG	0.010
I-131 H. Lab Waste - 10gal	10 mr	0.300
C-14 SCINT FL. 1gal	Bkg	0.020
C-14 Misc Trash 60gal	Bkg	0.010
I-131 H. Lab waste 50 gal	5mr	0.025
H ³ O Misc. Waste, Carcasses & SCINT FLUID		4.000

Buried @ N.P. Dump in 3x6' deep hole

Max - NOT co
 For decay
 EST.

5-9-62

2 x 10 Gal Mixed Lab Waste - BKG
2 x 35 Gal mixed Lab Waste - I-131 - F-32
3 Gallons SCINT. FLUID C-14 + H-3
1 x 15 Gal Mixed Lab Waste
2 x $\frac{1}{2}$ gal. SCINT. FLUID
2 Gal. Mixed Liquids C-14 + H-3 - I-131
ANIMAL CARCASSES C-14 + H-3

Activity contained

H-3	8.56 MC	in Carcasses + Waste
C-14	0.75 MC	" "
I-131	0.65 MC	Liquids
C-147	0.005 MC EST.	SOL + LIQ.
K-42	0.005 MC EST.	" "
Pc-59 -	0.050 MC	
Cr-51	0.005 MC	
Y-90	0.050	EST.

All of the above buried @ N.P. Dump
in 5 deep hole. 500' away from previous holes.
Covered in appropriate manner. J. Witteren Jr.

7-19-62

Buried in Grave Digger Type Hole
7' Deep x 3' wide x 20' From Previous burial
& Covered to min. of .5' earth — THE FOLLOWING

3 X 55 gal Dry Waste - WIPES etc.

5 X 10 gal Dry Waste - WIPES, SYRINGES etc.

10 gal Liquids - SCINT. FLUID etc

4 FT³ FROZEN ANIMALS

CONTAINING THE FOLLOWING AMTS.

H-3	—	8.7 MC	AS SOLID AN. MAT. REMAINS	UC
H-3		.2.05	AS LIQUID	VA
I-131		8.07 MC	+10% acc. to assay 7-10	JA
C-14		0.255 MC	AN. MAT.	VA
Nc-22		0.016 MC	LIQUID	VA UC
Cl-36		0.012 MC	LIQ.	UC
Cr-51		0.005 MC	DRY	UC
Fe-59		0.005 MC	DRY	UC

L. Witter

9/12/62 Buried the following Radioactive
Waste in 6' deep Hole @ N.P. Dump
Site according to Burial Rx of 7/19/62

2 x 55 gal Red Trash Cans 5mr max dry waste
3 x 10 gal yellow " " 1mr max ext dry "
10 x 1 GAL Liquid Scintillation Fluids
200g C-14 labelled animals
1 x 55gal yellow Can 0 mr - H-3
2 x 10 " " " 0 mr - H-3
4 FC3 Irradiated Animals

Containing the following Isotopes

Cr-51	140 gC	as of 8-23-63
Fe-57	10 gC	
H-3	2,200 gC	{ plus 14.6 mc AS Paper Waste and 10 mc as Aqueous Waste
C-14	200 gC	
Cl-36	5 gC	
Na-22	30 gC	as of 7-31-62
I-131	100 gC	estimated
Sr-85	1 gC	estimated

11/16/62

Buried The Following AT
NIP DUMP SITE

7 x 11 GAL

500 Max

3 x 55 GAL barrels

8 x 1 GAL SCINT FLUID

20 x 1 QT. Dialysis Solns.

7 MC H³

Animal & Solid wastes

182 MC H-3 (as liquid) & H³

MC - 22 104

Cr-51 4-10

2-131 104

4.51 MC Cr-51

54.04 MC H³ & organic comp.

11/24/63

Buried The Following AT NIP
DUMP SITE

2 x 55 GAL barrels mixed lab wastes 500

16 x 1 GAL. SCINT SOLNS H-3 & C-14

ANIMAL Carcasses

H-3 85.4 MC as Paper Waste

H-3 152 MC as Aqueous

H-3 2 MC as H₂³O

4-3 5.24 MC as ANIMAL Carcasses UCLA

H-3 0.6 MC " " " UCLA

C-14 0.055 MC SCINT SOLNS

Cr-51 0.150 MC EST.

only

1/24/63 Cont.

I - 131 600 yc est.
I - 125 350 yc est

3/19/63 Buried The FOLLOWING AT N.P. Dump

1 X 55 gal Can - 1.5 mr
1 X 35 gal Can - 5.0 mr
1 X 35 gal Can - 1.0 mr
5 X 10 gal Cans - BKG
3 X 10 gal Cans - Tri Carb bottles - contain Liquid
4 X 1 gal Mixed Scintillation Fluids
5 X 1 gal Mixed Lab Wastes - Liquid
4 X 1 gal Mixed Solvents - "New" Radioactive
ANIMAL Carcasses - 3 cu ft.

} Solid
Wastes

CONTAINING The FOLLOWING AMOUNTS

CL 36 254c
5 mc H-3 T } UCLL
8 mc P-3 2
0.585 mc C-14
2.0 mc H₂³⁰
137.375 mc H₂³ Anhyd - urines & Chrom papers.
2 mc I-131

in 6' deep hole 10' from previous dump
area.

2/11

5/8/63 Buried Following AT N.P. Dump

1 1 55 Gal barrel - Dry waste .5mr
1 55 Gal barrel - Dry waste 2 mr
8 1 Gal SCINT. FLUIDS - C1 + H-3
1 1 Gal Liquid I-131 wastes 30mr Contact
2 CU FT. ANIMAL CARCASSES
2 Gal. Liquid H-3 wastes
1 X 10 gal SCINT. FLUIDS IN 10 ML BOTTLES
1 X 55 gal barrel - Dry waste - BKG

CONTAINING THE FOLLOWING AMOUNTS

1640 gC H3T UCN

2970 gC H³C

250 gC I-131 EST

10 gC P-32 EST

5 gC Cr-51 EST

80 gC I-125

220 gC C-14

10 gC C-30

Buried in 6-7' deep hole ~ 10' from previous
dump area. Covered & Compacted by bulldozer.

JW

7/24/63 Buried Following AT
N.P. Dump

2 Cu. FT. Animal Cage Linings
10 Gal. Mixed SCINT. Liquids
13 Cu. FT. Solid Lab Wastes
5 Cu. FT. Animal Carcasses
IN CONTAINERS Max. MR Reading = 1.0

Containing The Following Amounts

C-14 26.8 g

H-3 ~~3.608 g~~ 3.608 g

I-131 ~~44.1 g~~ 44.1 g

H-20 ~~21.245 g~~ 21.245 g

Pr-82 10 g

J. Wetters Jr.

10/5/63 Buried The Following AT N.P.
DUMP SITE IN APPROPRIATE MANNER
FOR Radioactive Waste

1 X 55 gal Paper Waste 5 Mr/hr Contact

2 X 55 gal " " 10 Mr/hr "

5 X 10 gal " " BKE

21 X 1 gal Liquid Waste - SCINTILLATION SOLNS. ETC.

1 X 10 gal Paper Waste - BKE

1 X 55 gal " " - BKE

4 X 1 gal Liquid - SOLVENT EXTRACTANTS

3-4 Cubic Feet Animal Carcasses & Cage
LININGS.

10/8/63 CONTINUED
CONTAINING THE FOLLOWING AMOUNTS
OF RADIOACTIVE ISOTOPES.

H-3	2.480	mc	
I-131	2.80	mc	(rough ASky)
H-3	1.088	mc	(VCLA ANIMALS etc)
P-32	1.00	mc	ESTIMATE
C-14	0.250	mc	
Br-82	Trace		
Fe-59	0.075	mc	ESTIMATE
Cr-51	0.050	mc	ESTIMATE
Ca-47	Trace		
Na-22	0.150	mc	
Na-24	Trace		

L. W. H. H. H.

11/20/63 Buried the following AT N.P.
DUMP in approved manner for Radioactive
Waste

2 x 55 gal	Paper Waste	(one Read 1.5mr other @ BKG)
1 x 10 gal	" "	BKG
3 CU FT.	ANIMAL CARCASSES	
4 x 1 GAL.	LIQ. SCINT. SOLNS.	
1 x 15 gal	PAPER WASTE	BKG
2 x 10 gal	PAPER WASTE	BKG.
4 cu ft	of animal carcasses	

(over)

11/20/63 Continued

CONTAINING THE FOLLOWING RADIOISOTOPES

H-3	4.182	MC	
H-3	7.968	MC	MC
C-14	52.208	MC	
I-131	0.100	MC	EST
Po-210	Trace		
Na-22	0.100	MC	
Na-24	Trace		
Cr-51	0.100	MC	EST
Fe-59	0.100	MC	EST

L. W. Dettmer, Jr.

This figure corrected by L. W. Dettmer following inspection of list disposed of. As to B-100, 3.0 MC, it was determined that label on bottle should have been 2.2 MC, when it was labelled 2.2 MC - easy to mis-read.

1/28/64

Buried The Following At N.P. DUMP
in 6' deep hole about 10' from previous
DUMP.

3 x 30 gal Solid Waste
2 bkg ; 1 read 2mr contract
7 x 10 gal Solid Waste - ALL Read 0 mr.
13 x 1 gal Liquid SCINT. SOLNS.
5 CO. FT. ANIMAL REMAINS. ~~CONTAIN~~

CONTAINING THE FOLLOWING AMOUNTS

H-3	102.380 MC
H-3	0.748 MC
C-14	0.140 MC
Fe-59	0.020 MC
I-131	0.100 MC ESTIMATE.
Na-22	0.025 MC
Cr-51	0.050 MC ESTIMATE
P-32	0.100 MC ESTIMATE

L. Withers

4-8-64

Series The Following AT N.P. dump Site
IN Prescribed Hole

9 X 10 gal. Solid Waste - Max Reading 1mr
3 X 30 gal Solid Waste - Max " 7mr.
6 Ft³ Animal Remains - Bx6

10 gal. Liquid Wastes - SCINT FLUIDS, resins
etc.

CONTAINING THE FOLLOWING AMOUNTS

H₂³T - 0.481 MC ucla

H₂³⁰ - 10.78 MC

C-14 - 0.16 MC

I-131 - 1.5 MC - NOT CORR FOR decay

Hg-203 - 0.4 MC - " " " "

Nd-22 - 0.050 MC

Fe-59 - 0.050 MC " " " "

Cr-51 0.050¹ MC estimate

P-32 0.100 MC "

J. W. Williams

5/20/64

Buried the Following AT N.P. Dump
Site in Prescribed Hole.

5 x 10 gal. Solid Waste — 1 can and 3 m³/hr
3 x 30 gal. " " — all Road bag.
18 x 1 gal. Liquids — Scintillation Fluids
3 FT³ Animal Remains

CONTAINS the Following Amounts

C - 14	-	0.552	MC
H ₂ ³ C	-	2.234	MC
H ₂ ³ O T	-	2.900	MC
I - 131	-	0.125	MC - Not in decay
Ag - 109	-	0.100	MC - EST. 100%
Na - 24	-	0.010	MC EST.
Na - 22	-	0.025	MC
P - 32	-	0.100	MC EST.

R. W. Witteran

7/9/64

Buried The Following AT N.P. DUMP
SITE IN 6' x 6' x 4' HOLE 20' away FROM
Previous Bunk.

4 x 30 gal. Solid Waste - 1 barrel 50 MC / barrel
5 x 10 gal " " - ALL Red DEG
24 x 1 gal Liquid - MISS SOME SOLIDS ETC.
7 FT³ Tri-Carb Counting vials
5 FT³ Animal Carcasses

Containing The Following Isotopes

2.561 MC	H ₂ ³ O	4H ³ T
5.207 MC	I-131	(marks 10 ³ high)
0.227 MC	C-14	
0.050 MC	Na-24	(Not corr/decay)
0.075 MC	P-32	(" " ")
0.025 MC	Fe-59	ESTIMATE
0.100 MC	Hg 203	ESTIMATE
0.050 MC	Hg 197	"
12.572 MC	H ₂ ³ O	

J. Welter

8/19/64

Buried The Following At N.P. Dump
Site IN 6X6 Hole

3 X 30 gal Solid Wastes - 1 Mr. Maye.
5 X 10 gal " " BKG
18 X 1 gal Liquid SCINT SOLNS.
7 FT³ ANIMAL REMAINS & Cage LINGS

CONTAINING THE FOLLOWING ISOTOPES

H ₂ ³ O & H ³ T	1440 gC	(veto.)
C-14	225 gC	
H ₂ ³ O	302 gC	
I-131	10 gC	EST.
Hg-203	25 gC	EST.
P-32	10 gC	EST.

L. W. Wetherby Jr.

10/28/64 Buried The Following AT N.P.
DUMP SITE IN 6x6 HOLE.

7 x 10 gal Solid Lab Wastes - BKG
4 x 30 gal " " " - 1 Mr. Day.
22 x 1 gal Liquid & Semi Solids
6 FT³ ANIMAL CARCASSES

CONTAINING The Following Radionuclides

H ₂ ³ O	—	3.650	MC	
C-14	—	0.575	MC	
I-131	—	0.075	MC	EST
Hg-203	—	0.075	MC	EST.
Na-24	—	1.560	MC	Not Corr. For Decay
Cr-51	—	0.050	MC	EST.
P-32	—	0.050	MC	EST
H ³ -T	—	3.870	MC	

L. W. Eberman Jr.

12/9/64

Buried The FOLLOWING AT N.P.
DUMP SITE

7 x 10 gal. Solid Lab Wastes
A x 5 gal " " " - 1 can
read acur on contract.
50 x 1 gal Liquid Wastes - Lip. Smt.
SOLNS etc.
14 Lt³ Animal Care, Feces etc.

Containing the following Radionuclides

Na-24	1.4 mc on 8/29/64
C-14	0.425 mc
I-131	18.300 mc on 11/3/64
H ₂ ³ O	4.210 mc
H ₃ 203	0.050 mc estimate
P-32	0.100 mc est.
via H ₂ ³ T.	2.6 mc (wax Lucine)
etc C-14 Tar	3 gc (microcuries)

2/25/65
DISPOSED OF THE FOLLOWING AT THE
NP DUMP SITE IN PRESCRIBED 6X6 HOLE.

5 X 5 GAL SOLV. EXTRACTS
5 X 1 GAL LIQUIDED RATS
2 X 30 GAL SOLID BKB
20 X 1 GAL LIQ. SCUMBLATION SOLV. - CILCO
1 X 30 GAL SOLID - 10-15 WGT.
2 X 5 GAL LIQ. - C-14 - 1-3 WGT.
3 FT³ ANIMAL CARCASSES
2 X 30 GAL SOLID - 10-15 CAGE FOWL
1 X 1 GAL " "
2 FT³ ANIMAL REMAINS.

CONTAINING THE FOLLOWING RADIOISOTOPES

H₃ - T - 4.000 MC - APPROX.

H₃C = 3.100 MC

C-14 = 1.443 MC

Nu-24 = 0.025 MC

I-131 = 0.175 MC EST.

Nu-14 = 0.010 MC EST.

H₃ 203 = 0.080 MC EST.

Fe-59 = 0.020 MC

Cr-51 = 0.025 MC

P-32 = 0.050 MC

L. Wetters

4/28/65

Buried The Following at The N.P.
Dump Site in 6x6 Hole located AT
hi ground near ravine.

4 x 30 gal. Solids 1 can = 20 air/hr
3 x 10 gal " Reading BKG
16 x 1 gal Liquids - SCINT. SOLNS etc.
3 FT³ Solids in BOXES
4 FT³ Animal Remains
MISC. SCINT. COUNTING VIALS

U-235 H-3 T- 1.900 MC

C-14 0.660 MC

H₂³⁰ 4.040 MC

Na-24 Trace

F-131 0.600 MC as of 4/1/65

Cr-51 0.320 MC " " "

I-125 0.550 MC " " " (estimate)

Hg-203 0.250 MC estimate

P-32 0.125 MC est. as of 4/1/65

L.W.

7/1/65 Disposed of the following at
the N.F. dump in GXC hole - New
Site at top of hill.

- 1. X 30 gal Solid Lab Waste
- 1 X 20 gal " " "
- 6 X 10 gal " " "
- 12 X 1 gal Liquid Scint Solns, Acids etc.
- 85 ft³ animal carcasses & excreta

Containing the following Radioisotopes

2.175 mc.	H-3 T
Na-24	Trace
C-14	5.232 mc
H ₂ ³ O	2.830 mc
J-131	0.420 mc (NOT Cor/decay)
Na-22	0.015 mc
Mn-99	Trace
I-125	0.025 mc est.
Cr-51	0.025 mc est.
Hg 203	0.050 mc est.
P-32	0.025 mc est.

L. Wiltrous

8/13/65 Disposed of The Following AT
W.P. DUMP IN 6x6 HOLE.

2 x 10 gal Lab Solids
3 x 30 gal " " - 1 can = 10mc/hr
1 x 5 gal Liquid SOLN
35 x 1 gal " SOLNS
2 FT³ Animal Carcasses
2 FT³ " Cage Liners

CONTAINING THE FOLLOWING Radioisotopes:

H-3	2.250 me
Hg-203	0.100 me
C-14	0.370 me
I-125	0.050 me
I-131	25.415 me
H-3-T can	1.000 me

9/2/65 Disposed of the following @ N.P. dump
in 10' deep hole:

3 x 30 gal Solid waste Containers - 1 read 10mc
3 x 10 gal " " " - BKG
4-5 x 10³ SCINT VIALS + MISC SCINT SOLNS.
2 ft³ Animal carcasses
8 gallons liquid wastes
1 gal counting gel - H 3 + C-14
(Over)

9/21/65 Cont.

CONTAINING THE FOLLOWING ISOTOPIES

Mo-99	—	18.2 mc approx
Co-60	—	0.002 mc Approx.
Zn-65	—	0.003 mc
Sr-85	—	0.005 mc
Hg-197	—	0.005 mc
Br-82	}	Trace.
Ca-47		
P-32	—	0.185 mc
I-131		2.575 mc
Fe-59	—	0.015 mc
Na-22		0.140 mc
Cr-51	—	0.015 mc
C-14	—	0.730 mc (includes 10% vial)
H-3	—	5.500 mc (includes 1.540 vial)

JW.

12/8/65 Disposed of the Following Radioactive
Wastes at N.P. Dump Site in 7' Deep Hole.

2 X 30 Gal. Solid Waste Cans - BKG.

1 X 20 Gal. " " Can = 50MR

5 X 10 Gal. " " Cans = BKG

10 X 1 GAL Liquid Wastes - SCINTILLATION SOLNS etc.

CONTAINING the Following Isotopes

		6.446 - Corrected 12/15/65 LW in accordance with inventory report.
U-235	H ³ T	7.054 MC
	H ₂ ³ O	3.650 MC
	C-14	0.945 MC
	MO-49	0.200 MC EST.
	I-131	2.500 MC EST.
	I-125	0.125 MC
	Co-57	0.004 MC
	P-32	0.125 MC

Traces of Br-82, Ca-47, Na-24

LW

3/11/61 Burned the following at WP Dump

3x30 gal solids
6x10 gal solids
1x30 gal solids - 30 sec contact
10 ft³ LSC Vial B
23 gal low level liquids
7 ft³ animal carcasses & cage linings

Containing the following radionuclides

C-14	0.275 mC
H ₃ O	36.115 mC
Cr-51	0.213 mC
Fe-59	0.010 mC
Ce-60	0.003 mC
Na-22	0.225 mC
Zn-65	0.010 mC
P-32	0.175 mC
I-131	4.800 mC
Mn-56 - Tc-99m	0.050 mC

in appropriate hole - L. W. Wether Jr.

6/16/66 Buried the Following Mats. @
NP Dump - 10' deep 6x6

3 x 30 gal Solids (1 read 15 ml)
1 x 20 gal Solids
6 x 10 gal "
14 gal Liquids - SCINT SOLNS etc.
1 FT³ LSC Vials
5 FT³ Animal Remains, Cage Droppings etc.

CONTAINING THE FOLLOWING Radioisotopes

H-3 - 25.15 mc
C-14 - 0.60 mc
Cr-51 - ESTD. 0.25 mc
Fe-57 - EST. 0.025 mc
Au-198 Trace
I-131 3.00 mc
P-32 0.150 mc
Mo-99 - ESTD. 0.050 mc
Zn-65 ESTD. 0.010 mc
cd# H-3 T - 8.997 mc

L. Wetters Jr.

9/15/66 Buried The Following at N.P. Dump
in 10' deep hole.

2 x 30 gal Solid Paper Trash (1 read 30 mr)
2 x 20 gal " " " (1 read 20 mr)
6 x 10 gal " " " (read BKG)
8 x 1 gal Liquid SCINT SOLNS
6 ft³ SCINT COUNTING VIALS
5 ft³ Animal Remains - Cage liners etc.

Containing The Following Radioisotopes

f-32	50	microcuries est.
I-131	250	" "
I-125	20	" "
2N-65	40	microcuries
C-14	2.171	MILLICURIES
H-3	4.069	MILLICURIES

L. Witterman

12/12/66 Buried following @ N.P. Dump
3 x 30 gal SOL. Paper Trash (1 read 50 mr)
1 x 20 gal " " "
5 x 10 gal " " "
10 x 1 gal Liquid SCINT SOLNS + Acid Waste
3 ft³ SCINT. VIALS.
17 ft³ ANIMAL Remains & Droppings

Containing The Following (see next pg)

12/12/66

Cont.

P-32	Trace - est. 25 yC
AU-198	Trace - est 10 yC
I-131	7.500 mC
Cr-51	0.100 mC
Fe-59	0.045 mC
Zn-65	0.315 mC
H-3	30.100 mC
C-14	8.274 mC

3/3/67 Buried the following @ the NP Dump.

3 x 30 gal solid. — 15 m

1 x 20 gal " — 5 m

5 x 10 gal "

6 x 1 gal liquid

4 ft³ animal carcasses

2 ft³ scent vials

Containing the following isotopes:

Zn - 65	0.040 mC
Fe - 59	0.500 mC
Cr - 51	0.500 mC
I - 131	3.500 mC est.
C - 14	0.440
H - 3	6.480

5/7/67 Burned the following at N.P. dump
site:

3 x 30 gal Solid (1 real 20 ml)

2 x 20 gal "

8 x 10 gal "

11 x 1 gal Liquid

20 ft³ Solids in form of Scrap Vials, and
Animal Carcasses.

Containing the following Radionuclides:

H-3 20.357 MC

C-14 0.608 MC.

Zn 65 0.275 MC minus decay in 2 months

P-32 0.100 MC EST.

Fe 59 2.010 MC "

Po-138 trace.

I-125 0.100 MC EST.

I-131 8.000 MC EST (minus decay in)

L. A. Utteris Jr.

6/23/67

Buried the Following @ NP Dump

5 X 10 gal Solid
3 X 30 gal Solid - 1 X 10 can/hr 1 X 30 can/hr
1 X 20 gal Solid
10 X 1 gal Liquid
3 ft³ ventilation system
3 ft³ Animal remains

Containing the following Radioisotopes

I-131	4.500 MC	net con/decy
Zn-65	0.010 MC	
P-32	0.050 MC	net con/decy
Fe-59	0.052 MC	
Au-198	Trace	
I-125	0.050 MC	estimate
C-14	5.348 MC	
H-3	6.125 MC	

8/23/67

Buried The Following @ NP Dump

4 X 30 gal } from VA Hosp. Sepulveda
2 X 20 gal } Sol. & waste
4 X 10 gal }

CONTAINING

S-35	1.2 MC
C-14	0.8 MC
H-3	11.0 MC
I-131	0.16 MC
I-125	0.1 MC
Cr-51	0.1 MC

(over)

8/23/67 Continued

PLUS

3 x 30 gal
4 x 10 gal
1 x 20 gal } Solids

4 x 1 gal Liquid

2 x 1 ft³ 5 cent vials

3 ft³ animal remains

Containing the following isotopes

C-14 = 0.759 MC

H-3 = 4.142 MC

Fe 59 = 0.050 MC

I 131 = 24.000 MC - not corr/decay

I 125 = 0.560 MC

Se 75 = 0.070 MC

Hg 197 = 0.025 MC - not corr/decay

Cr 51 = 0.025 MC - " " "

Pb 99-Te 99 = 0.500 MC = " " "

J. Wetters

11/21/67 KB. Buried the Following @ N.P. dump

2 x 30 gal (1 = 30mr/hr contact) }
1 x 20 gal } solid
5 x 10 gal } lab
wastes

11 V 1 gal Liquid

6 FT³ LSC VIALS

6 FT³ Animal Remains + Cage Liners

Containing the Following Radioisotopes

C^{14} = 0.777 mc ~~0.13~~
+ 0.500 mc

Total = 1.277 mc

C^{14}

I^{131} = 2.35 mc

Se^{75} = 0.040 mc

H^3 = 3.187 mc

I^{125} = 0.100 mc

+ 7.000 mc Olive

Total 10.187 mc H^3

Fe^{59} = 0.086 mc

Zn^{65} = 0.100 mc

Sr^{85} = 0.050 mc

Plus some decayed Tc^{99m}
Generators - y/c estimate

L.W.

1/26/68 Buried the following ^{Rachael, Matto.} NP Dump.

3 x 30 gal Solids
3 x 10 gal "
15 x 1 gal liquid
2 ft³ LSC Vials
6 ft³ Animal Remains

Containing the following radioisotopes

C-14	-	2.445 mc	
H-3	-	13.52 mc	
I-131	-	0.100 mc	est.
Na-22	-	0.050 mc	est.
Se-75	-	0.050 mc	est.
Fe-59		0.050 mc	

3/28/68 Buried the following @ NP Dump

2 x 30 gal Solids - 1 find 8 ml/hr contract
6 x 10 gal Solids
4 gal. Liquids
4 ft³ LSC VIALS
25 ft³ Animal Wastes Cage Liners + Carcasses

CONTAINING THE FOLLOWING RADIOISOTOPES

H ³	-	22.080 mc	
C-14	-	0.926 mc	
S-35	-	1.000 mc	- not corr/decay

3/28/68 Disp. Cont.

Na- 22	0.005 MC
Fe- 59	0.072 MC
Cr 51	0.059 MC
Mn 54	0.100 MC
I 131	0.550 MC
I 125	0.165 MC
Co- 57	0.070 MC
	1.021

6/20/68 Buried The following items at the
NP dump site in 10' deep hole.

2 x 30 gal. Solid - Lab wastes (1 = 100 ml)
1 x 20 " " " " " " Read Bkg
7 x 10 " " " " " " " "
12 x 1 gal Liquid wastes - Bkg
8 FT³ LSC Counting Vials - "
22 FT³ Animal Carcasses - "

Containing the following Radionuclides:

H³ - 33.920 mc
C-14 - 1.928 mc
Na²² - 0.002 mc
S³⁵ - 0.200 mc
Fe⁵⁹ - 0.148 mc
Cr⁵¹ - 0.050 mc est.
I¹²⁵ - 9.420 mc - not decay corrected
I¹³¹ - 0.606 mc

LW

8/15/68 Buried the Following at the NP
Dump Site - 2 each 10' deep Holes

3 x 30 gal Solids - Lab waste
1 x 20 gal " " " - 50 ml/hr (cont)
5 x 10 gal " " "
6 FT³ LSC VIALS
15 gal. Liquid SOLNS.
12 FT³ Boxed waste - Very Low Level
23 FT³ ANIMAL REMAINS.

CONTAINING the Following Radioisotopes:

H ³	-	5.700	MC	
C ¹⁴	-	2.165	MC	
K ⁴⁰	-	0.025	MC	
Fe ⁵⁹	-	1.062	MC	
Cr ⁵¹	-	0.050	MC	est. > 7500
Zn ⁶⁵	-	0.025	MC	
I ¹²⁵	-	0.450	MC	
I ¹³¹	-	1.500	MC	
Mn ^{99-Tc}	-	1.000	MC	est.

LW

10/30/68

Buried The Following @ N.P. Dump
Site in appropriate hole

2 ea	30 gal. Sol. Waste	1 = 15 m ³ /hr contact
1 "	20 "	" "
3 "	10 gal	" "
4 FT ³	Scint. Vials	
7 FT ³	Assorted Solids	
3 gal	Liquid	
8 FT ³	Animal Carcasses	

Containing The Following Radioisotopes

H-3	5.445 mCi	
C-14	3.350 mCi	
I-131	6.265 mCi	
I-125	1.175 mCi	
Na-22	0.050 mCi	
Fe-59	0.020 mCi	
PLUS Mo ⁹⁹	2.000 mCi	EST.

J. Wilkerson