

TELEDYNE
ISOTOPES

WESTWOOD LABORATORY

60 WESTBURY AVENUE

WESTWOOD, NEW JERSEY

(201) 664-7070 TELEEX 134

January 31, 1973

NY 07-9
Mr. J. C. Stepina
69-53 184th Street
Flushing, New York 11365

Dear Mr. Stepina:

A Health Physics survey was conducted at your facility in the cinder block building housing the neutron generator on January 22, 1973. The area was monitored for removable tritium contamination by methods appropriate for that particular nuclide.

A few areas had some contamination but of insignificant levels. These few areas will be wiped down at the time of the hood removals. Enclosed is a copy of the results of the survey.

The cost of the survey, including the analyses of the 27 swipes, will be \$100.00.

If we may be of any further assistance, please do not hesitate to contact us.

Very truly yours,

TELEDYNE ISOTOPES

Douglas R. Fuhrman

Douglas R. Fuhrman
Associate Health Physicist

DRF:ba
Enclosures

SMEAR RESULTS

TELEDYN
ISOTOPE

LOCATION OF SURVEY G.T.E. Laboratories

DATE OF SURVEY January 22, 1973

COUNTING INSTRUMENT Liquid Scintillation

DATE OF COUNTING January 23, 1973

PERSON DOING SURVEY D. Fuhrman

PERSON DOING COUNTING D. Fuhrman

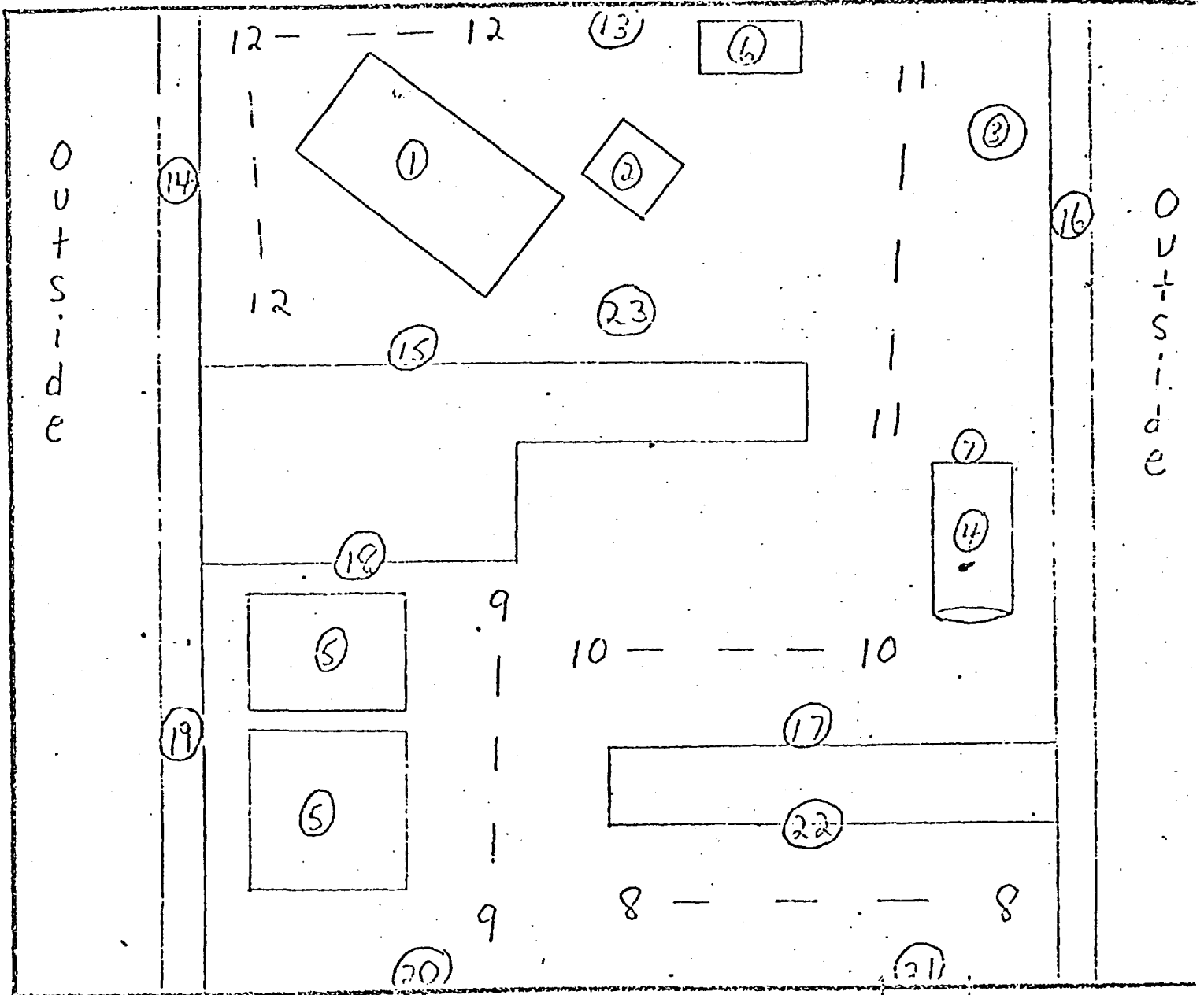
SMEAR NO.	H-3 Activity dpm/100 cm ²	C-14 Activity dpm/100 cm ²	Location
1	< 50		Neutron gen. (top back)
1 b	612		Neutron gen. (top front)
1 c	72		Neutron gen. (base)
2	212		Vacuum pump
3	< 50		Trash can
4	< 50		Aluminum barrel
5	< 50		H. V. Power supplies
6	< 50		Heater
7	< 50		Stand for aluminum barr
8	< 50		Floor area
9	< 50		Floor area
10	< 50		Floor area
11	< 50		Floor area
12	< 50		Floor area
13	< 50		Inside wall
14	< 50		Inside wall
15	< 50		Inside wall
16	< 50		Inside wall
17	< 50		Inside wall
18	120		Inside wall
19	< 50		Inside wall

DIAGRAM OF SURVEYED AREA

WESTWOOD
ISOTOPE

LOCATION Neutron Generator "House"

DATE 22 January 1973



Entrance

November 6, 1972

Mr. J. C. Stepina, Purchasing Agent
General Telephone & Electronics Laboratories
208-20 Willens Point Boulevard
Dayside, New York 11350

Dear Mr. Stepina:

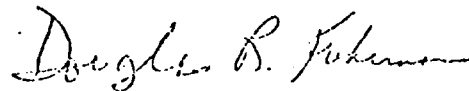
On November 1, 1972, a survey was made of nine hoods at your facility. There was a detailed survey made of the three hoods which had been used for radioisotope purposes.

Some contamination was found in all three hoods. A detailed diagram and smear results of these hoods are enclosed.

A superficial survey to determine any radioactive contamination was conducted for the four Celentus hoods and the two Perchlorate hoods. No contamination was found in these remaining six hoods.

Sincerely yours,

TELEPHONE ISOTOPE



Douglas R. Fuhrman
Associate Health Physicist

DRF:ba
Enclosures

SMEAR RESULTS

LOCATION OF SURVEY See Enclosed Diagrams DATE OF SURVEY November 1, 1972
 COUNTING INSTRUMENT NMC - Liquid Scintillation DATE OF COUNTING November 2, 1972
 PERSON DOING SURVEY D. Fuhrman PERSON DOING COUNTING D. Fuhrman

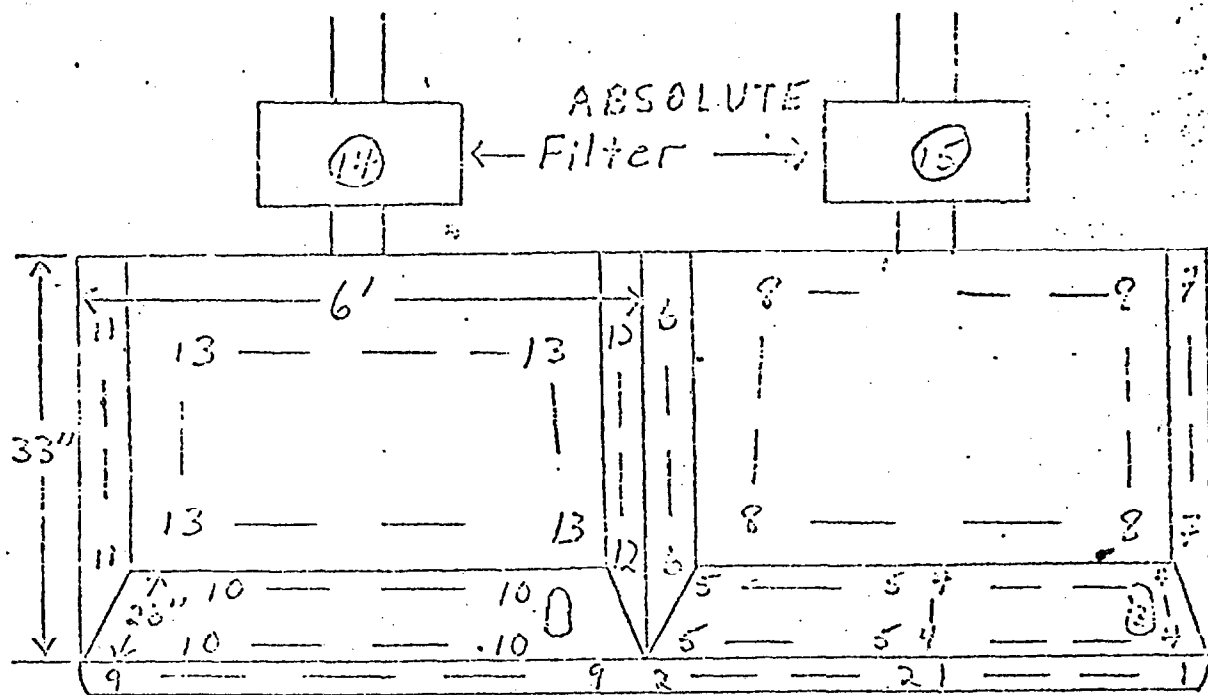
SMEAR NO.	H-3 Activity dpm/100 cm ²	alpha activity dpm/100 cm ²	beta-gamma activity dpm/100 cm ²
1	< 25	< 10	169
2	< 25	< 10	128
3	< 25	< 10	67
4	< 25	< 10	651
5	< 25	< 10	439
6	< 25	< 10	< 50
7	< 25	< 10	< 50
8	< 25	< 10	< 50
9	< 25	168	1250
10	< 25	93	1421
11	< 25	< 10	< 50
12	< 25	< 10	< 50
13	< 25	< 10	721
14	< 25	< 10	532
15	< 25	< 10	367
16	< 25	< 10	< 50
17	< 25	< 10	< 50
18	541	< 10	< 50
19	326	< 10	< 50
20	< 25	< 10	< 50
21	< 25	< 10	< 50

DIAGRAM OF SURVEYED AREA

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LOCATION Physics Bldg. Rm. C077

DATE 1 November 1972



Hood #2

Hood #1

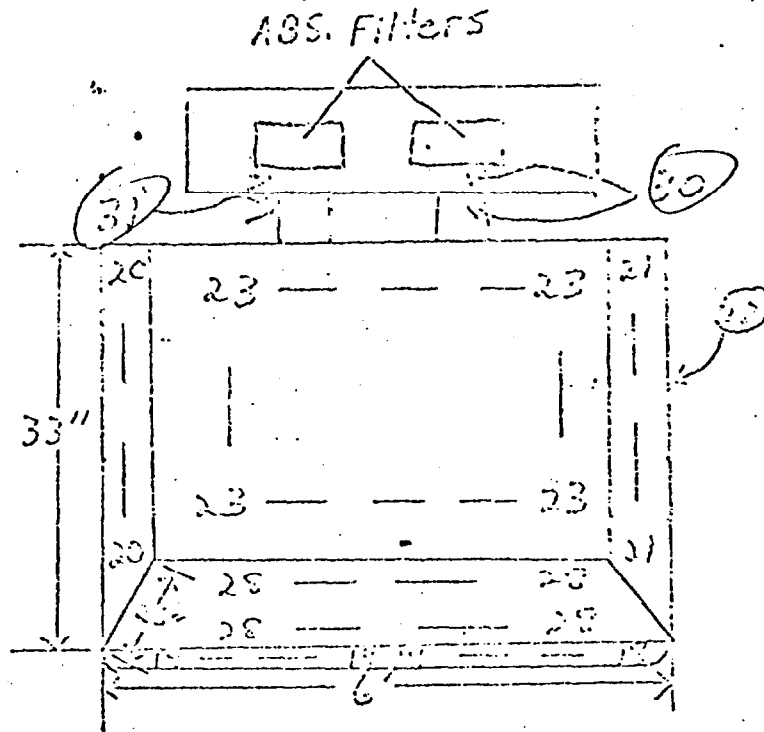
Swipe location for 16 & 17 See Smear Survey Record

DIAGRAM OF SURVEYED AREA

ISOTOPE

LOCATION Clean Mod. Bldg. Rm. E-123

DATE 1 November 1957



Swipe #'s: 24, 25, (26), 27, 29 See Smear Survey Record