

M-631

Formerly Utilized Sites Remedial Action Program (FUSRAP)

ADMINISTRATIVE RECORD

for the Maywood Site, New Jersey



**US Army Corps
of Engineers®**

United States Government

Department of Energy

memorandum

M-631

DATE: JUN 11 1997

JUN 11 1997

REPLY TO: EM-42 (W. A. Williams, 301-903-8149)
ATTN OF:

SUBJECT: Designation of 200 Brookdale Street, Maywood, New Jersey

TO: J. M. Japp, DOE/OR

A question arose as to whether the property at 200 Brookdale Street in Maywood had been designated for remedial action. This is to ratify and confirm the designated status of the property at 200 Brookdale Street in Maywood, New Jersey.

Oak Ridge requested designation of this property in September 1986, and the property was designated in October 1986, as shown by the attached memoranda. The supporting data is clearly sufficient to designate the property. Please contact me with any questions.



W. Alexander Williams, PhD
Designation and Certification Manager
FUSRAP Team
Office of Eastern Area Programs
Office of Environmental Restoration

Attachments

cc: R. Rodriguez, Oak Ridge National Laboratory
T. Patterson, SAIC



OCT 21 1986

NE-23
ED
DeLaney

10/20/86

NE-23

Scanel Property Survey and the Inclusion of Additional Vicinity Properties

Stan Ahrends, Director
Technical Services Division
Oak Ridge Operations Office

The two additional properties described in your memorandum of September 8, 1986, to me, specifically the property at 200 Brookdale Street, Maywood, New Jersey, owned by Mr. Scanel and the Hackensack and Lodi Railroad right-of-way located northwest of the Scanel property, should be included in the Formerly Utilized Sites Remedial Action Program. This decision is based on the information and data provided in the September 8 letter.

Although there is sufficient information in the September 8 letter on which to base an inclusion determination, the format of the report and the quantity of information should be modified in future reports prepared by Bechtel for designation purposes. The designation survey should collect enough information on a site to (1) determine if guidelines are exceeded, and (2) determine if there is any immediate hazard or significant risk under current use of the site. This information should be presented in the designation report, which should also clearly identify the property and its boundaries. The information provided by BNI for the two properties in your September 8 memorandum is not sufficient to determine whether there is any immediate hazard under current use of the site, and the property boundaries are not adequately identified. As a minimum in the future, a letter report should be prepared for each property and should include a brief description of the property (general use and general description), concentrations, external gamma levels and other measurements when appropriate. Figures should be included to show the property (boundaries, structures, and gardens or special use areas) and general areas of contamination. The letter report should also state which areas are known to exceed guidelines. If there could be significant risk to the property user under some circumstances, this risk should be identified.

If you have any questions regarding these comments, contact me.

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Edward G. DeLaney, Director
Division of Facility and Site
Decommissioning Projects
Office of Nuclear Energy

bcc:
Aerospace

NE-20 RF
NE-23 RF
NEG (4)
DeLaney RF

NE-23:EDeLaney:ph:353-4716:10/20/86:IBM:293/52:3.30.6

United States Government

Department of Energy

Oak Ridge Operations

memorandum

DATE: September 08, 1986

REPLY TO

ATTN OF: CE-53:Atkin 86-110

SUBJECT: SCANEL PROPERTY SURVEYS - MAYWOOD, NEW JERSEY

TO: E. G. DeLaney, NE-23, GTN

Attached for your information is a BNI letter report for the characterization of the Scanel commercial property located behind a car wash and Chinese restaurant on Essex Street in Maywood, New Jersey. Although the Scanel commercial property had previously been designated for remedial action, the BNI survey indicates a small amount of contamination exists on the right of way of the Hackensack and Lodi Railroad located northwest of the Scanel property. TSD recommends that the railroad property be designated for remedial action.

Also attached are the results of a radiological survey of a residential property owned by Mr. Scanel at 200 Brookdale Street, Maywood, New Jersey. As the data indicates, the samples collected are in excess of DOE guidelines and TSD recommends that this property also be designated for remedial action.



S. W. Ahrends, Director
Technical Services Division

Attachment:
As stated

cc: J. Wagoner, NE-23, GTN

SUBSURFACE GAMMA SCINTILLATION
RESULTS AT LOT 2, BLOCK 204
MAYWOOD, NEW JERSEY

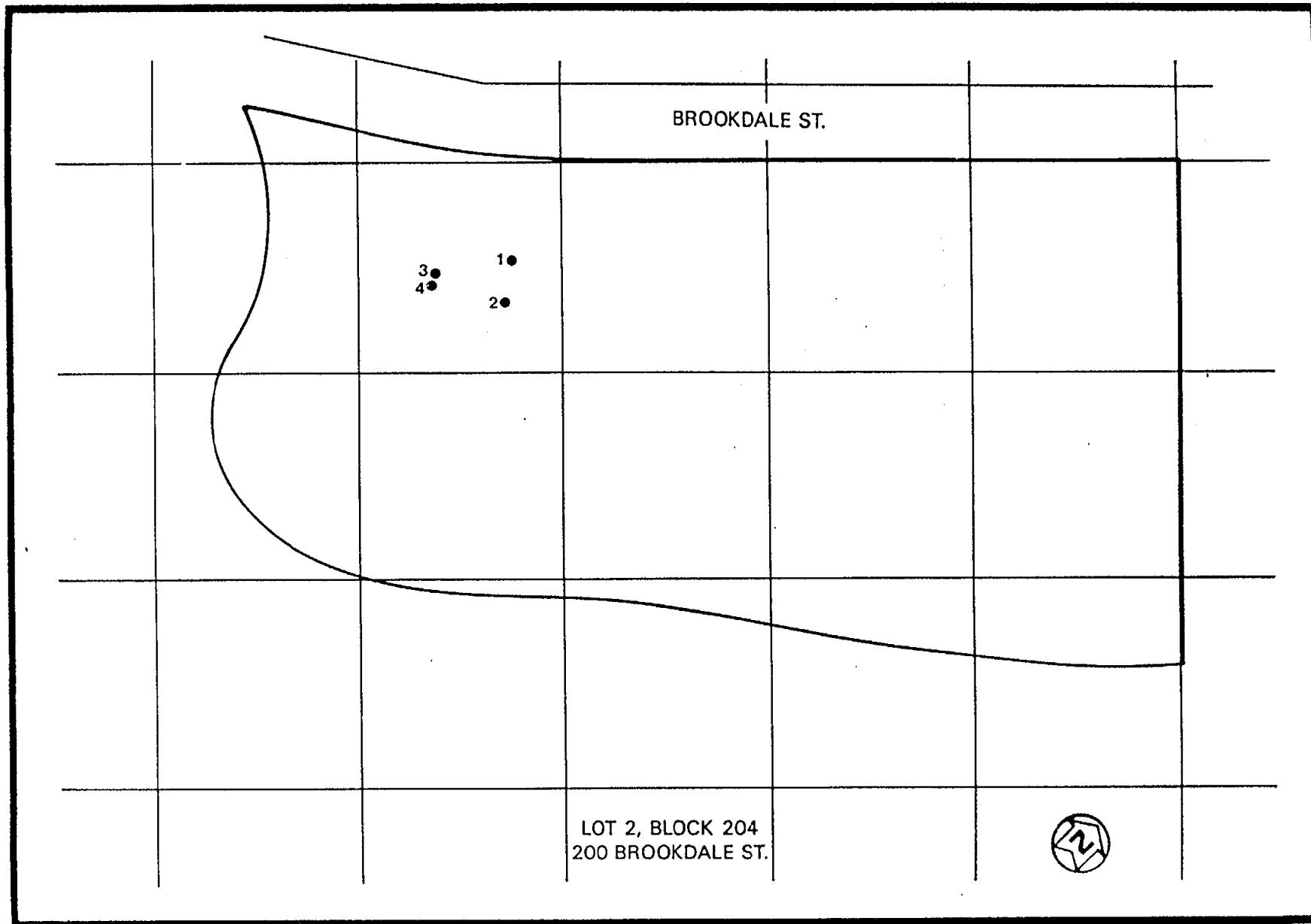
Location*	Depth (ft)	cpm
1	1	126,561
2	1	138,459
3	1	50,111
4	1	67,564

RADIONUCLIDE CONCENTRATIONS IN SOIL SAMPLES
AT LOT 2, BLOCK 204
MAYWOOD, NEW JERSEY

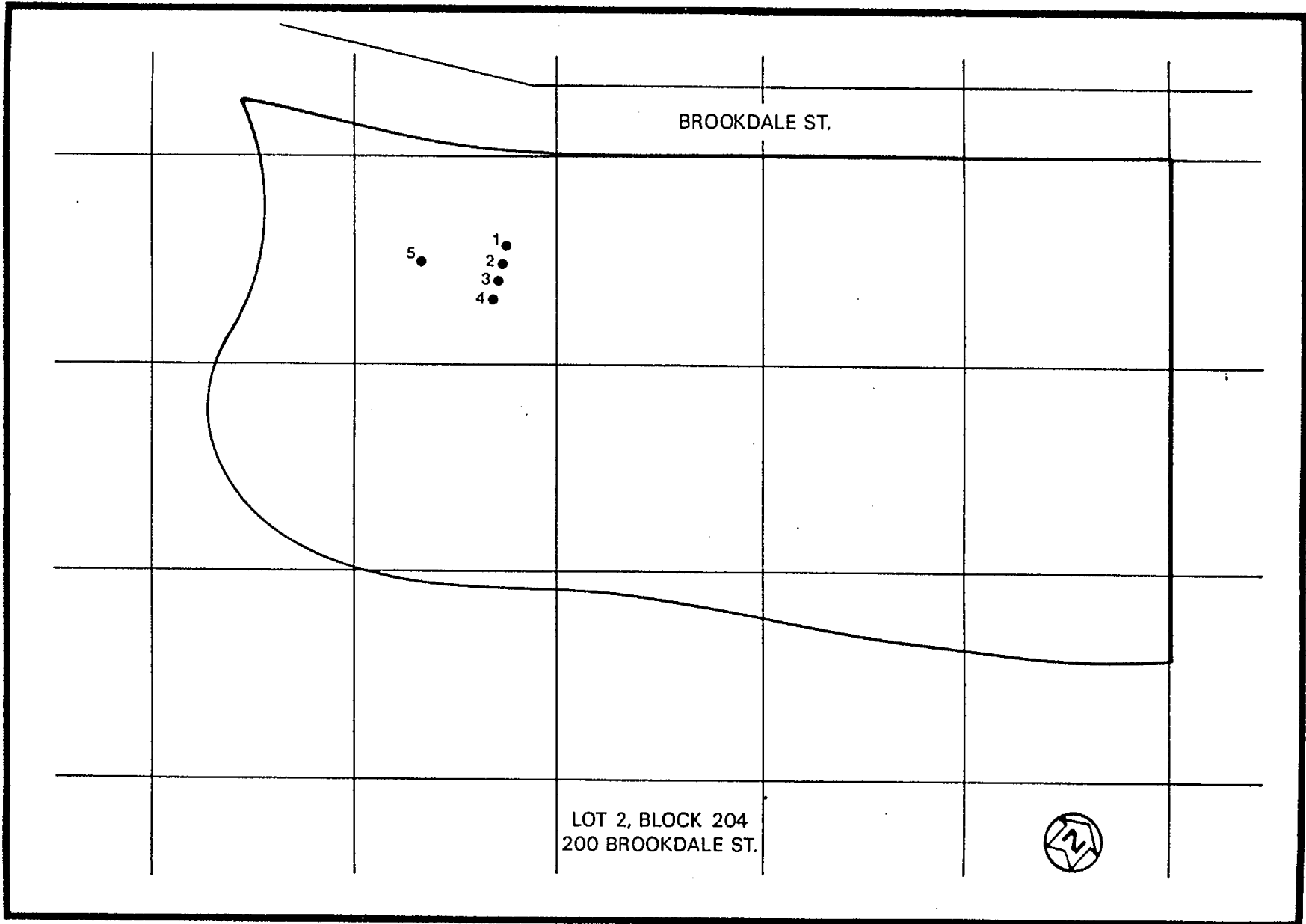
Sample No.	Depth (ft)	picocuries/gram \pm 1 sigma		
		Uranium-238	Radium-226	Thorium-232
1	1	<36.0	6.3 \pm .9	66.5 \pm 6.2
2	1	<31.0	2.9 \pm 1.0	57.9 \pm 4.4
3	1	<28.9	3.7 \pm 1.1	41.7 \pm 4.7
4	1	<51.2	2.5 \pm .4	35.0 \pm 6.1
5	1	<32.1	1.2 \pm .2	25.6 \pm 3.4

*Locations are within excavation for footings of garage being built on the property.

Note: 15 pCi/g is approximately equal to 35,000 counts per minute.



LOCATIONS OF GAMMA SCINTILLATORS MEASUREMENTS



LOCATIONS OF RADIOLOGICAL SOIL SAMPLES