



October 05, 2007

Mr. Bruce E. Lefler, Jr.
Hydrogeologist
NCDENR-Inactive Hazardous Sites Branch
Superfund Section
1646 Mail Service Center
Raleigh, North Carolina 27699

Re: *Cullowhee Dump*
No State ID Assigned
Task Order 10B
Jackson County, North Carolina
Contractor's Contract No. N06010S
MM&A Project No.: NCUL110-02

Dear Mr. Lefler:

During the process of performing assessments of the old unlined landfill sites assigned under Task Order 10 in Haywood, Henderson, Jackson, and Transylvania Counties, Marshall Miller & Associates, Inc. (MM&A) discovered a reference to the Cullowhee Dump, which was not included in the original Task Order. Additional research by MM&A revealed that the site was a duplication of a permitted, closed landfill facility listed as Western Carolina University Municipal Solid Waste Landfill, Permit Number 50-01. Therefore additional investigation is outside the Scope of the Old Unlined Landfill Contract. Following is a summary of the data collected for the site.

- Several Pollution Help Line Reports dated from February 23 to March 28, 1972 and filed at the North Carolina Department of Environment and Natural Resources (NCDENR), Division of Solid Waste office in Raleigh reference a site identified as "Cullowhee Dump" operated by Jackson County. Based upon the *Proposal to Continue Sanitary Landfilling Operations on Western Carolina University Property in Jackson County, N.C.*, dated September 3, 1974, likewise filed at the NCDENR, Division of Solid Waste office in Raleigh, the dump was located in a broad meander of the Tuckasegee River, on property currently owned by the State of North Carolina.

5825 Triangle Drive / Raleigh, NC 27617 / Tel: (919) 786-1414 / Fax: (919) 786-1418

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- Upon review of permitted closed landfill sites in Jackson County, it was determined that the location identified in the referenced document was identical to the coordinates on record for the location of the Western Carolina University Municipal Solid Waste Landfill.

Enclosed are the Pollution Help Line Reports, which initially prompted the investigation of the Site (**Attachment A**), and an excerpt from the *Proposal to Continue Sanitary Landfilling Operations on Western Carolina University Property in Jackson County, N.C.*, which clarified the location of the Site (**Attachment B**).

Please let us know if you have any questions or need additional information.

Sincerely,
MARSHALL MILLER & ASSOCIATES, INC.



Jacob A. Hodges
Staff Scientist



Andrew D. Waggener
Program Manager

cc: File NCDENR/NCUL110-02
Enclosures



ATTACHMENT A
Pollution Help Line Reports



W27

In replying refer to NO. 381

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 2-23- 19 72

NAME OF CALLER: Mr. David League

TIME: _____ AM
PM

ADDRESS: Star Route 67 Box 18B
Street P. O. Box

RECEIVED

Cullowhee, N.C. 28723
City Zip

FEB 24 1972

TELEPHONE NUMBER: 293-7566 (704)

SANITARY ENGINEERING
DIVISION

POINT OF POLLUTION: _____

SOURCE OF POLLUTION: Land Fill

1. NATURE OF CALL: The land fill for the Town of Cullowhee is full and has been set on fire. Garbage is now being dumped on old land fill and going into stream which is ~~not~~ nearby. It is believed the County is operating other land fills in the same manner.

2. Complainant would also like to have a report on the progress made by Mead Corp., St. Sylva; Champion Papers, Canton; and Inks Blunt, Inks regarding their air pollution.

REPORT REFERRED TO: (1 + 2) - Air Quality Div.
(1) Sanitary Eng. Div., State Board of Health

IMMEDIATE ACTION TAKEN: _____

SIGNED Jackie Wall

Jackson
J & K

February 28, 1972

Mr. David Teague
Star Route 67, Box 18B
Cullowhee, North Carolina 28723

Dear Mr. Teague:

In reference to your Pollution Help Line Report, I am sending a copy of this letter to Mr. J. N. Fulp, Sr., District Sanitarian, with the request that on his next visit to the area that he investigate the conditions described and contact you regarding recommendations made.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:bm
cc: Mr. J. N. Fulp, Sr.
Mrs. Jackie Wall

In replying refer to ✓

NO. 492

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 3-5 19 72

TIME: _____ AM
PM
*Reported by
Answering Service*

NAME OF CALLER: Douglas Reid

ADDRESS: Box 374 A
Street P. O. Box

Cullowhee, N.C.
City Zip

TELEPHONE NUMBER: (904) 293-5410

RECEIVED

POINT OF POLLUTION: _____

APR 6 1972

SANITARY ENGINEERING
DIVISION

SOURCE OF POLLUTION: _____

NATURE OF CALL: *The County dump is not being
maintained properly. It is being burned
and there is a spring that is being polluted
from the garbage.*

REPORT REFERRED TO: *Sanitary Engineering Div. SBA; +
Air Quality Div. N+ER*

IMMEDIATE ACTION TAKEN: _____

SIGNED Jackie Hall

In replying refer to

NO. 491

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 3-5-72 19__

NAME OF CALLER: David League

TIME: _____ AM
PM

ADDRESS: Star Route # 67, Box 18 B
Street P. O. Box

Reported by:
Answering Service

Cullowhee, N.C.
City Zip

TELEPHONE NUMBER: (704) 293-9566

RECEIVED

POINT OF POLLUTION: _____

APR 6 1972

SANITARY ENGINEERING
DIVISION

SOURCE OF POLLUTION: _____

NATURE OF CALL: County Sanitary Landfill has been burning and there is a spring which flows under the land fill which will pollute surface waters.

REPORT REFERRED TO: Sanitary Engineering Div., State Board of Health; and Air Quality Div., N & E R.

IMMEDIATE ACTION TAKEN: _____

SIGNED Jackie Hall

In reply, refer to

NO. 479

POLLUTION HELP LINE REPORT

DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES

DATE: 3-28-72 19 72

NAME OF CALLER: Mr. David League

TIME: _____ AM
PM

ADDRESS: Star Route # 67
Street P. O. Box

RECEIVED

Box 18-B
City Zip

MAR 30 1972

TELEPHONE NUMBER: Cullowhee, N. C. 28723
704 293-9566

SANITARY ENGINEERING
DIVISION

POINT OF POLLUTION: _____

SOURCE OF POLLUTION: _____

NATURE OF CALL: The Cullowhee Dump which is operated by the County is not be operated properly according to Mr. League. He reports that the garbage is piled extremely high and not buried as it should be. He further complains that the only reason the dump is not burning is because of the rain and snow which fell this weekend. He thinks that when the dump dries, someone will set it on fire. His third complaint was that he had been told there was a spring under the dump which would definitely cause pollution to surface water.

REPORT REFERRED TO: Mr. Stator, Sanitary Eng. Div., State Board of Health, + Mr. Knight, Air Quality Div.

IMMEDIATE ACTION TAKEN: _____

SIGNED Jackie Hall

Jackson
WR

April 5, 1972

Mr. J. N. Fulp, Sr.
District Sanitarian
Drawer 520
Wilkesboro, North Carolina 28697

Re: HELP LINE
NO. 479

Dear Mr. Fulp:

I would appreciate your investigating the attached complaint on your next visit to Cullowhee.

Very truly yours,

Sidney H. Usry, Chief
Solid Waste & Vector Control Section
Sanitary Engineering Division

SHU:jp

Enclosure

cc: Mr. David Teague
Jackie Wall

*Help Line Report # 491
same as # 479 and from
same man*

ATTACHMENT B

*Excerpt from the Proposal to Continue Sanitary Landfilling Operations on
Western Carolina University Property in Jackson County, N.C.*





Western Carolina University

Cullowhee, North Carolina 28723

September 3, 1974

OFFICE OF THE ENGINEER

PROPOSAL TO CONTINUE SANITARY LANDFILLING OPERATIONS ON WESTERN CAROLINA UNIVERSITY PROPERTY IN JACKSON COUNTY, N. C.

Enclosed Plots No. 1, 2, and 3, show a 33 acre piece of property owned by Western Carolina University. These Plots show the houses in this area. There are no industrial structures. This property has been used for many years for solid waste from the University and surrounding community. During the past three (3) years, it has been operated as a sanitary landfill by Jackson County.

No ground water has been encountered as the hillside has been bulldozed off to cover the waste. Cover material is available on the south side of the dump area. The natural drainage, as seen on the Topographical Plots, is to the Tuckasee River.

Enclosed Drawing No. 1 shows the location of the present landfill and plans for future operations. Drawing No. 2 shows the profile of the original Valley, and as it is at this time. Plans are to continue to build terraces as shown. The 2 - 1 embankment will be seeded and pine seedlings planted.

The terraces will be started by building a 5 - 10 ft. levee with a drain on either end. Waste will be packed against the levee and covered with dirt. All drainage from the terraces will be routed along the sides. A chicken wire fence will be installed along the down stream side to contain papers and trash.

This landfill will serve the Cullowhee Community of about 5,000 residents and 5,800 University Students. Household and University waste will be disposed of at this site. No industrial waste is expected in this area.

Proposal to Continue Sanitary Landfilling Operations on
Western Carolina University Property in Jackson County, N. C.
page 2
September 3, 1974

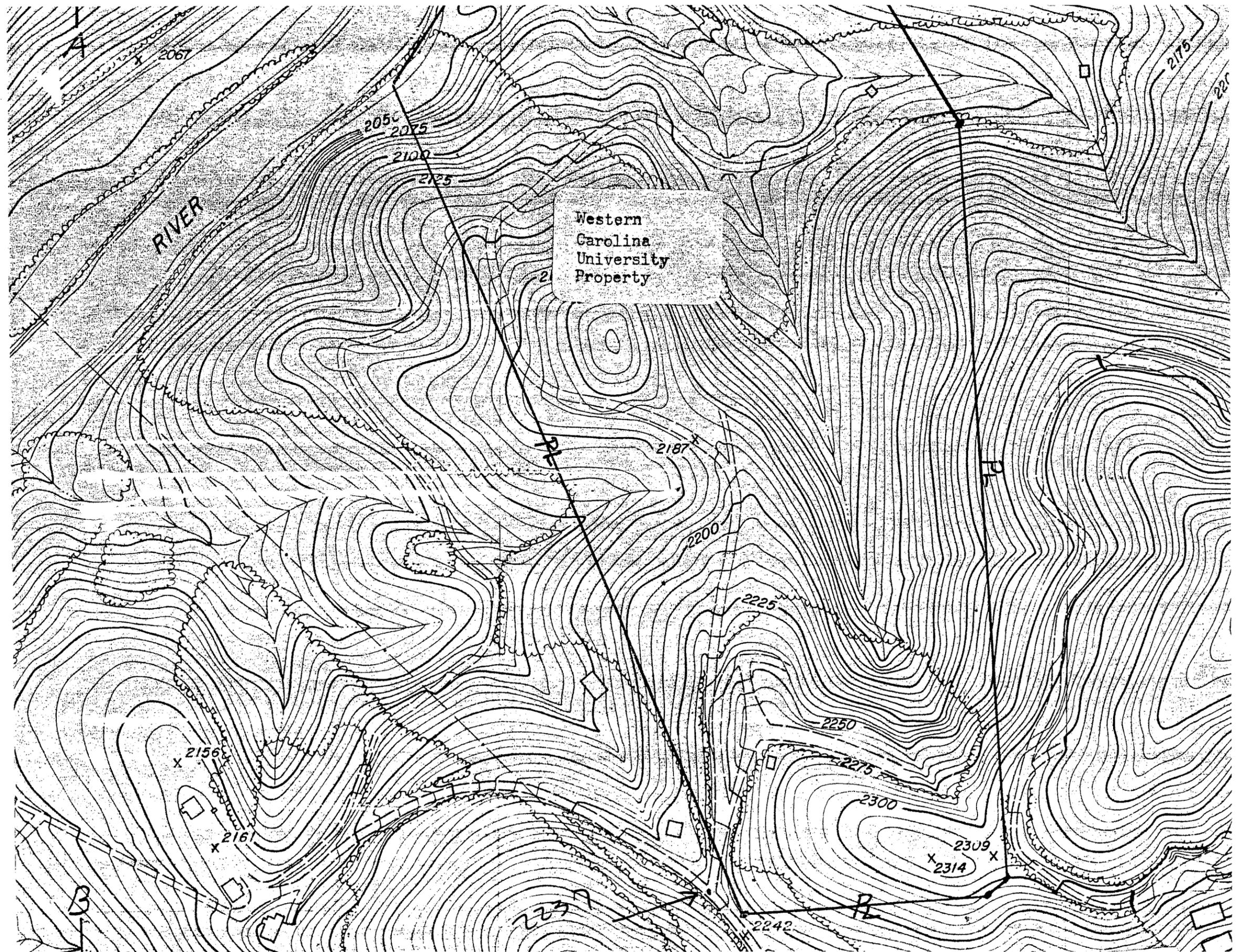
It is proposed to continue operating this landfill as outlined in Section XI of the Rules and Regulations Providing Standards for Solid Waste Disposal.

A 9-B Caterpillar bulldozer will be used to operate this landfill. When necessary, a 15-B will be brought in.

There are no particular plans for this property after landfill operations are completed. It is estimated that there is sufficient fill dirt for at least ten (10) years operation.

nc





Western
Carolina
University
Property

RIVER

2156
2161

2309
2314

2242

2239

2250

2200

2187

2125

2100

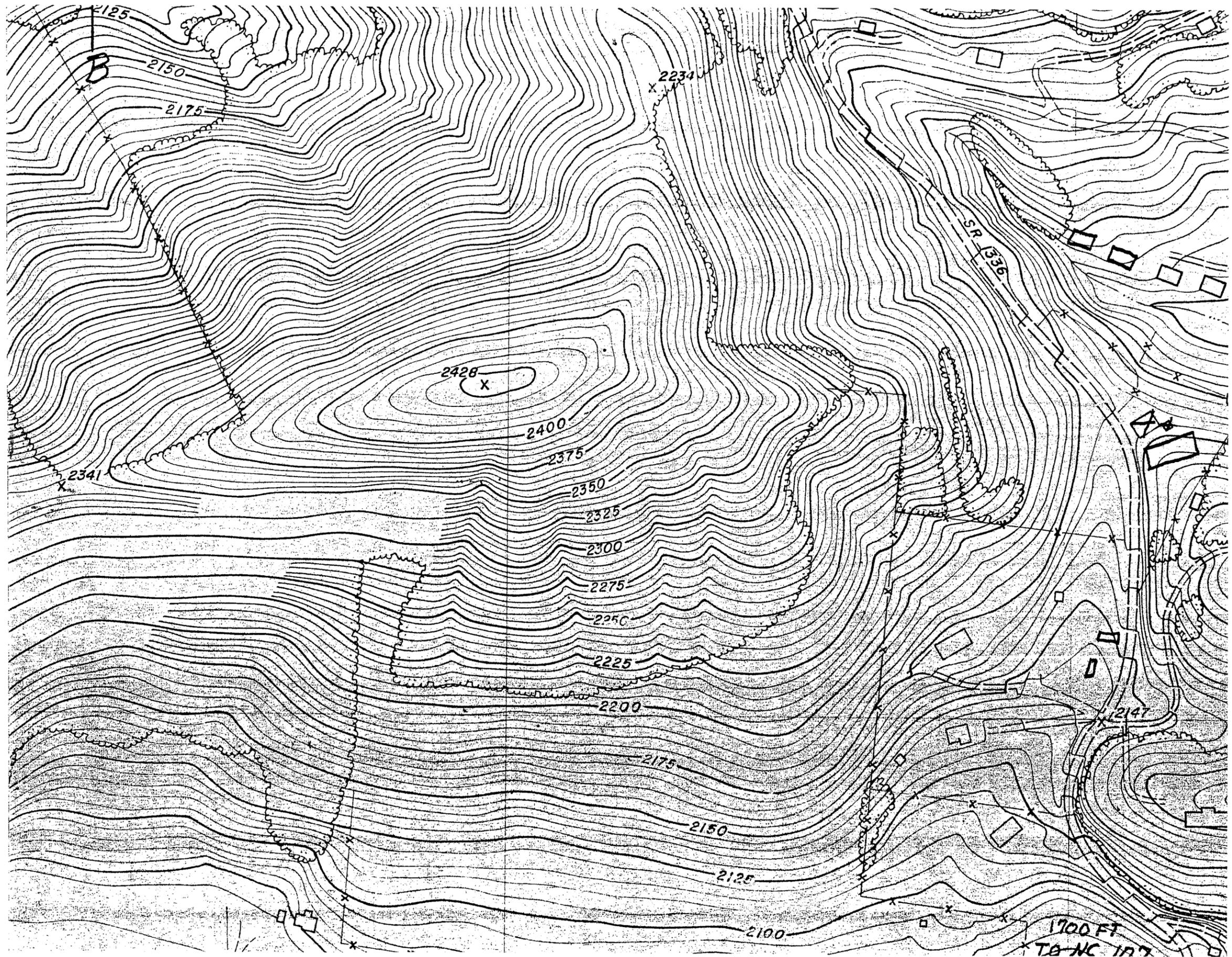
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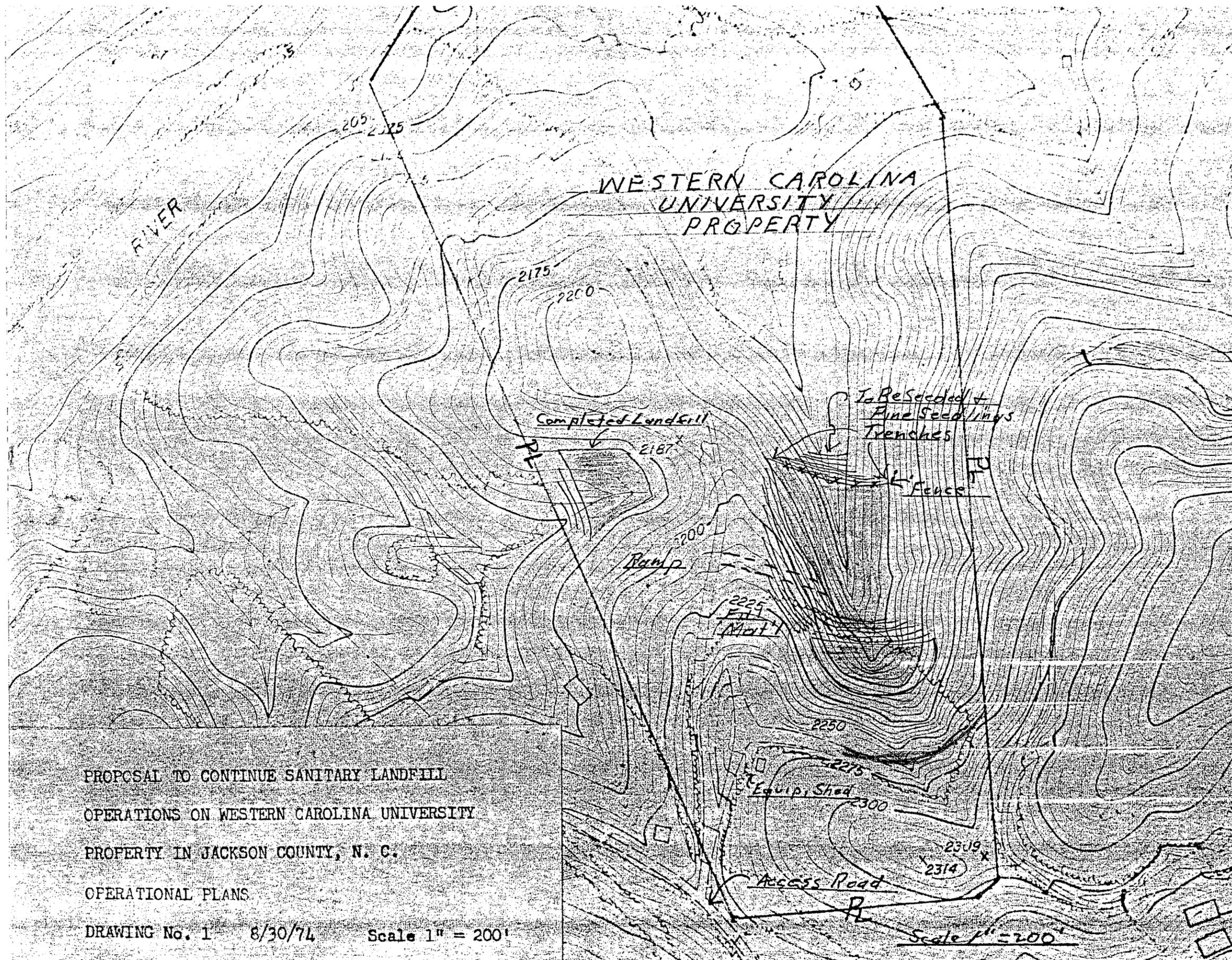
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2067

2175

2200





PROPOSAL TO CONTINUE SANITARY LANDFILL
OPERATIONS ON WESTERN CAROLINA UNIVERSITY
PROPERTY IN JACKSON COUNTY, N. C.
OPERATIONAL PLANS

DRAWING No. 1 8/30/74 Scale 1" = 200'

Scale 1" = 200'