Duke Project As Listed On The NC Solid Waste Section's List of All Coal Ash Structural Fills:

Iredell; B.K. Barringer, Jr.'s Lots 1,2,3& 4 - Mezzepa Rd. Industrial Pk.;
Duke Power; Duke Power; B.K. Barringer, Jr.;
September 10, 1995; December 31, 1995;

NOTE: Please note that the recordation document only addresses Lots 2, 3, & 4. This is because no ash was placed on Lot 1 during this project.

Duke Power Company
Electric System Support
13339 Hagers Ferry Road
Huntersville, NC 28078-7929

DUKE POWER

APR 1997
Received
Solid Waste
Section

March 31, 1997

William Hocutt
North Carolina Department of Environment,
Health and Natural Resources
Solid Waste Section
P.O. Box 27687
Raleigh, NC 27611-7687

SUBJECT: Structural Fill Closure Requirement
Record Number: 006021

Mr. Hocutt:

In accordance with Section .1706(d) of the Solid Waste Management Rules for the Beneficial Use of Coal Combustion By-Products, please find attached "Closure Certifications" for all of the coal ash structural fill projects conducted by Duke Power Company as listed on the NC Solid Waste Section's "List of All Coal Ash Structural Fills". In addition, a copy of the "Recordation Statement" for each project is also included. Please note that the "Recordation Statement" is a requirement of the land owner and is being provided by Duke Power as a courtesy/service to the land owner.

The information attached will supersede the closure certifications previously submitted on January 2, 1997. Therefore, the previously submitted closure information should be deleted from your file(s) and replaced with the attached.

If you have any questions concerning these documents, please contact me at 704-875-5956.

Larry D. Evans

L. D. Evans, CHMM
Scientist
Environmental Division - Waste Management

LDE/E03972

Attachments

Printed on Tree Free Paper

B. K. BARRINGER & ASSOCIATES, P.A.
104 Westfield Center NC 150 and US 21
Mooresville, North Carolina 28115-8812
Telephone (704) 664-7888 Fax (704) 664-1778

Architecture
Engineering
Planning

December 1, 1995

(1)

Duke Ash Masters
John P. Nerison, Manager Coal Ash Group
P.O. Box 1770
Charlotte, NC 28201-1007

RE: Certificate of Compliance
Section .1700 Requirements For Beneficial Use
of Coal Combustion By-Products

Lots 1,2,3 & 4 of Mazeppa Road Industrial Park
Iredell County, North Carolina

This document shall serve as notice that property owned by B.K. and Laura Barringer located in Mazeppa Road Industrial Park, Mooresville, Iredell County, North Carolina has been developed with coal ash provided by Duke Power Company from Marshall Steam Station located in Terrell, N. C..

Whereas, this document is provided as evidence of compliance with all the requirements of Solid Wast Regulation Section .1700 and specifically to meet Section .1706 Closure of Structural Fill Facilities, part (d).

Yours truly,

B. K. BARRINGER & ASSOCIATES, P.A.

B. K. Barringer, Jr., P.E.
N.C. Registration No. 3370

NORTH CAROLINA PROFESSIONAL SEAL 3370 ENGINEER B. K. BARRINGER, JR.

BKB/dg

K. Barringer
Westfield Center
Vale NC 28115

000623

BK0971PG0586

COPY

STATE OF NORTH CAROLINA

STATEMENT OF STRUCTURAL FILL

COUNTY OF IREDELL

(1)

The undersigned, B.K. Barringer, Jr. and Laura R. Barringer, in accordance with the provisions of N.C.G.S. 130A-294 and 15A NCAC 13B.1703, acknowledge that they are the owners of the real property located in Coddle Creek Township, Iredell County, North Carolina, and more specifically described as lots 2, 3 & 4, Mazeppa Road Industrial Park as recorded in Iredell County Deed Book 22, Page 69.

The undersigned further acknowledge that they have consented to the use of coal combustion by-products as structural fill on this real property. The volume of coal combustion by-products placed on this property is approximately ~~2,100 tons~~. 7362 TONS. BKB

IN WITNESS WHEREOF, said parties have hereunto set their hand and have caused this instrument to be signed this 10th day of JAN, 1996.

B.K. Barringer (SEAL)
B.K. Barringer, Jr.

Laura R. Barringer (SEAL)
Laura R. Barringer

STATE OF NORTH CAROLINA

COUNTY OF IREDELL

I, Notary Public for the County and State aforesaid do hereby certify that B.K. Barringer, Jr. personally appeared before me and acknowledged the execution of the foregoing instrument, Witness my hand and official stamp or seal this the 10th day of January, 1996.

Lynda F. Ervin
NOTARY PUBLIC

My Commission Expires: 6/17/97

STATE OF NORTH CAROLINA

COUNTY OF IREDELL

I, Notary Public for the County and State aforesaid do hereby certify that Laura R. Barringer personally appeared before me and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal this 10th day of January, 1996.

Lynda F. Ervin
NOTARY PUBLIC

My Commission Expires: 6/17/97

IREDELL COUNTY, NORTH CAROLINA
FILED FOR REGISTRATION ON THE 10
DAY OF Jan, 1996
4:06 P M
BRENDA C. BELL
REGISTER OF DEEDS

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Solid Waste Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
William L. Meyer, Director

DEHNR

September 27, 1995

Mr. Larry Evans, Scientist
Electric System Support Department
Duke Power Company
13339 Haggers Ferry Road
Huntersville, NC 28078-7929

Subject: Coal fly ash structural fill at B. K. Barringer, Jr.'s lots 1, 2, 3 and 4 - Mezzepa Road Industrial Park in Iredell County Scheduled to begin September 10, 1995.

Dear Mr Evans:

We are in receipt of your September 15, 1995 notification for constructing the subject structural fill beginning on September 10, 1995 and to be completed on December 31, 1995. The information submitted satisfies the requirements for coal ash structural fill activities as set forth in Solid Waste Management Rules 15A NCAC 13B Section .1700 concerning beneficial use of coal combustion by-products.

As previously agreed to between Duke Power and the Solid Waste Management Division, Duke Power is accepting the responsibility of informing the landowner(s) of their responsibility should any groundwater contamination occur due to this structural fill activity.

Sincerely,

James C Coffey

James C. Coffey
Permitting Branch Supervisor
Solid Waste Section

JCC/wrh
cc: Julian Foscue
Anthony Foster
Bill Hocutt
John P. Nerison, P.E.
Larry S. Harper

c:wp6doc/letter/jim/evans7

P.O. Box 27687, Raleigh, North Carolina 27611-7687 Telephone 919-733-4996 FAX 919-715-3605
An Equal Opportunity Affirmative Action Employer 50% recycled/ 10% post-consumer paper

Duke Power Company
Electric System Support
13339 Hagers Ferry Road
Huntersville, NC 28078-7929

DUKE POWER

September 15, 1995

William Hocutt
North Carolina Department of Environmental,
Health and Natural Resources
Solid Waste Section
401 Oberline Road
Suite 150
Raleigh, NC 27605

SUBJECT: Structural Fill Notification
Lots 1, 2, 3 and 4 - Mazzepa Road Industrial Park
B. K. Barringer, Jr.
File: GS-707.02 (Fossil)

Mr. Hocutt:

In accordance with Section .1706 of the Solid Waste Management Rules (Requirements For Beneficial Use Of Coal Combustion By-Products), please find attached the required written notification for the referenced structural fill project. Please note that this project utilizes less than 10,000 cubic yards of coal combustion by-products, therefore construction plans are not included.

If you have any questions concerning the notification, please contact me at 704-875-5956.

Larry D. Evans

L. D. Evans, Scientist
Environmental Protection - Waste Protection

LDE/E09952

Attachments

Printed on recycled paper

STRUCTURAL FILL NOTIFICATION

Duke Power Company
Lots 1, 2, 3 and 4 - Mazzeppa Road Industrial Park
B. K. Barringer, Jr.

The proposed project will utilize approximately 9,500 cubic yards of fly ash in a structural fill application to develop the property for marketing. The properity is located on Mazzeppa Road which is off of NC Highway 115 in Iredell County as indicated on the attached USGS map (Mooresville Quadrangle, North Carolina - 7.5 minute series). The project is scheduled to commence on September 10, 1995 and to be completed on December 31, 1995. The fly ash will be supplied from Duke Power's Marshall Steam Station located on Highway 150 in eastern Catawba County at the following address:

Duke Power Company
Marshall Steam Station
PO Box 210
Terrell, NC 28682

Larry Evans will serve as the Generator Contact and can be contacted at:

Larry Evans
Duke Power Company
13339 Hagers Ferry Road (MG03A5)
Huntersville, NC 28078-7929
Phone: 704-875-5956

The following documents are attached:

- Signed statement of acknowledgement and consent from properity owner
- TCLP data and certification
- USGS topographic map showing location of project

NORTH CAROLINA

IREDELL COUNTY

ACKNOWLEDGEMENT AND CONSENT

Pursuant to the provisions of G.S. 130A-294 and 15A NCAC 13B.1703, We, B.K. Barringer, Jr. and Laura R. Barringer, state that we are the owners of the following described property:

Lots 1, 2, 3, and 4 Mazeppa Road Industrial Park per exhibit A attached

We, B. K. Barringer, Jr. and Laura R. Barringer, further acknowledge and consent to the use of coal combustion byproducts as structural fill on the above described property. The volume of ash placed o this property is 9500 cubic yards. We, B.K. Barringer, Jr. and Laura R. Barringer agree to record this document in accordance with 15A NCAC 13B.107.

Signed this 25 day of Aug 1995.

B.K. Barringer, Jr.

Laura R. Barringer

Laura R. Barringer

Carol B. Barringer

CAROL B. BARRINGER
NOTARY PUBLIC
IREDELL COUNTY, N. C.

Notary Public - My commission expires May 11, 1997

HAZARDOUS WASTE SAMPLE RESULTS
APPLIED SCIENCE CENTER

STATION : Marshall

SAMPLE ID. : Marshall U-1 ash Leach

LAB.SERV. #: 9402095

TCLP Leach

ANALYSIS	RESULT		LIMIT	
AG:	✓ < 0.20	mg/l	5.0	mg/l
BA:	✓ 0.47	mg/l	100	mg/l
CD:	✓ < 0.03	mg/l	1.0	mg/l
CR:	* 0.77	mg/l	5.0	mg/l
PB:	* < 1.0	mg/l	5.0	mg/l
AS:	✓ < 0.10	mg/l	5.0	mg/l
SE:	* 0.27	mg/l	1.0	mg/l
HG:	✓ < 0.001	mg/l	0.2	mg/l
NI:	NR	mg/l	134	mg/l
TL:	NR	mg/l	130	mg/l
% ASH:	NR	%	NO LIMIT	
BTU:	NR	BTU/lb	NO LIMIT	
TOT. S	NR	% wt.	NO LIMIT	
TOT. CL	NR	% wt.	NO LIMIT	
FLASH PT.	NR	Deg. F	< 140 Deg. F	
pH:	NR	Value	<2.0 or >12.5	
% WATER	NR	% wt.	NO LIMIT	

* OK for lined LF

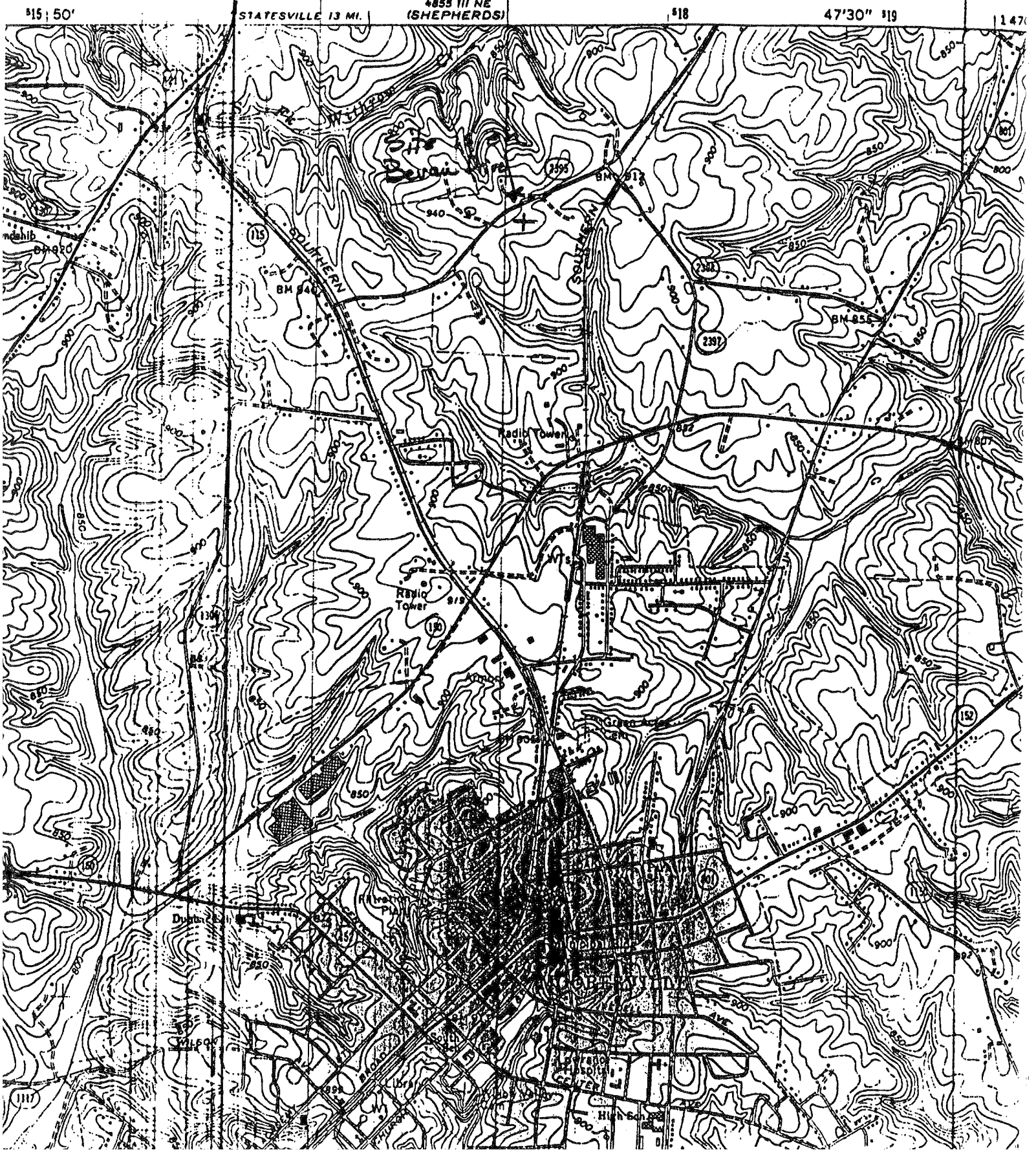
N/R: NOT REQUESTED.
* EXCEEDS RCRA LIMITS.

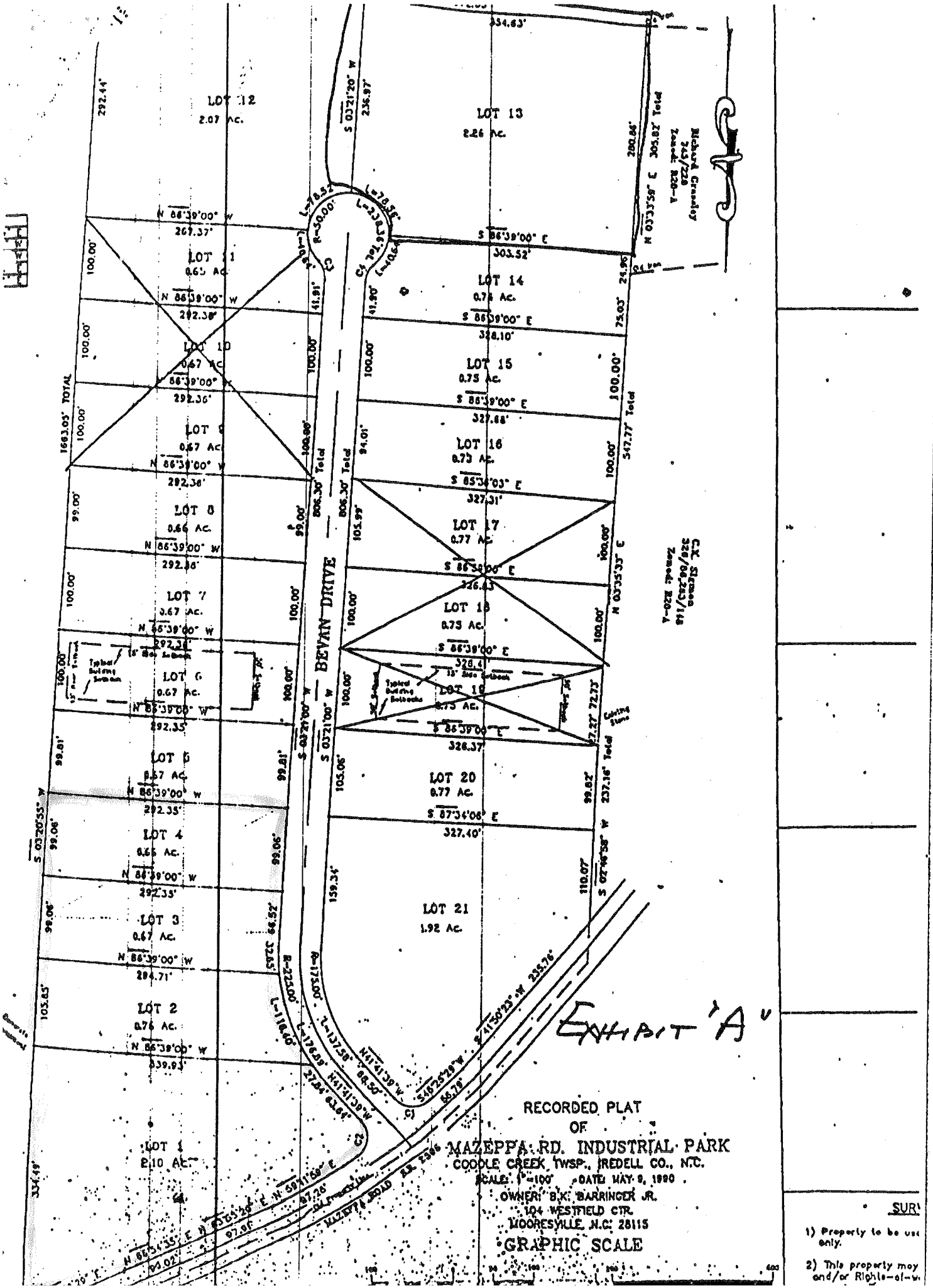
I certify that the TCLP analysis is representative of the fly ash to be used for this project.

Larry D. Evans

Larry D. Evans

STATE OF NORTH CAROLINA
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
RALEIGH, NORTH CAROLINA




LOT 12
2.07 Ac.
LOT 13
2.26 Ac.
LOT 11
0.65 Ac.
LOT 14
0.74 Ac.
LOT 10
0.67 Ac.
LOT 15
0.75 Ac.
LOT 9
0.67 Ac.
LOT 16
0.73 Ac.
LOT 8
0.66 Ac.
LOT 17
0.77 Ac.
LOT 7
0.67 Ac.
LOT 18
0.75 Ac.
LOT 6
0.67 Ac.
LOT 19
0.75 Ac.
LOT 5
0.67 Ac.
LOT 20
0.77 Ac.
LOT 4
0.66 Ac.
LOT 21
1.92 Ac.
LOT 3
0.67 Ac.
LOT 2
0.76 Ac.
LOT 1
2.10 Ac.
BEVAN DRIVE
Richard Crawley
Zoned: R20-A
C.K. Sigmon
Zoned: R20-A
Typical Building Setbacks
Existing Stone
MAZEPPA ROAD
EXHIBIT 'A'
RECORDED PLAT
OF
MAZEPPA RD. INDUSTRIAL PARK
COOOLE CREEK TWSP., IREDELL CO., N.C.
SCALE: 1"=100' DATE: MAY 9, 1990
OWNER: B.K. BARRINGER JR.
104 WESTFIELD CTR.
MOORESVILLE, N.C. 28115
GRAPHIC SCALE
SUR
1) Property to be use only.
2) This property may and/or Rights-of-w