

AMOS SMITH ROAD

6/21/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

Mecklenburg County
Health Department

September 27, 1990

Crescent Resources, Inc.
P.O. Box 30817
Charlotte, NC 28230

RE: Soil investigation report--tracts 113-221-14, 113-221-16.
File No. 6851A.

Gentlemen:

A pre-preliminary investigation of soils and topography was made on the tracts (parcels 113-221-14, 113-221-16) located off Amos Smith Road. a soils map was prepared and a copy is enclosed. It must be noted initially that the majority of tract (113-221-14) has extremely heavy brush growth that is almost impossible to walk through or to determine one's position. Access lanes were cut into the tract. This did facilitate the investigation somewhat. However, most of the borings were confined to these lanes. It was not possible to get into areas out of the access lanes to check topography or make soil borings. Therefore, this report by necessity represents an estimate only of what the soils appear to be.

The areas shaded yellow on the enclosed map appear to be dominantly unacceptable for the installation of septic tank systems. Included are mixed soils, complex slope areas, and drainageway depression areas.

The mixed soil areas have expanding clay minerals that swell upon becoming wet. This swelling reduces soil pore space and inhibits internal water movement. Saprolite depth of these soils is shallow, generally being 24 inches or less.

The complex slope areas have irregular topography that is not adaptable for the installation of septic tank systems. These areas have been severely eroded in most cases. Gullying is severe in some areas.

The drainageway-depression areas collect and channel surface runoff from surrounding lad areas. This would result in some surface flooding during periods of precipitation. Some complex slopes and steep slope areas (approximately 30 percent) are also preset in these delineations.

The unshaded areas appear to be dominantly acceptable for installation of septic tank systems. These soils have clay subsoil horizons that are blocky with respect to structure. Depth to ground water and saprolite is greater than 36 inches. Slopes range to approximately 25 percent.

Based on this investigation, there are some areas of the tracts that appear to be dominantly acceptable for the installation of septic tank systems. Please note that this report does not express or imply individual lot approval for septic tank system installation. Individual lot approval is dependent in part on the satisfactory completion of an investigation of each lot. Currently, no lots are identified on the tract. It should also be noted that soil delineations may be subject to change pending additional investigation with established reference points.

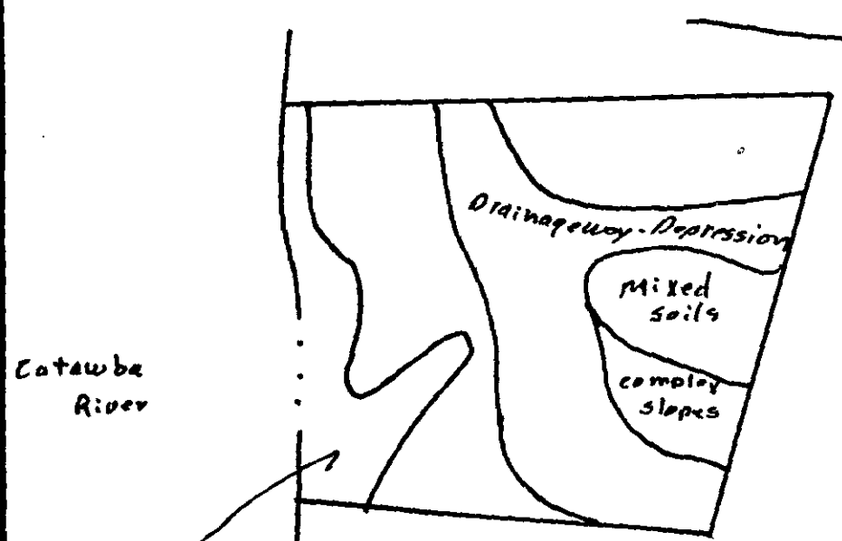
Two areas on the map are indicated where the location of the delineation lines are estimated to be. This refers to the problem mentioned in the second paragraph. The only way a more accurate location of soil delineation lines can be done would be to have some areas cleared or transect lines established. Please contact me if there are any questions concerning this report.

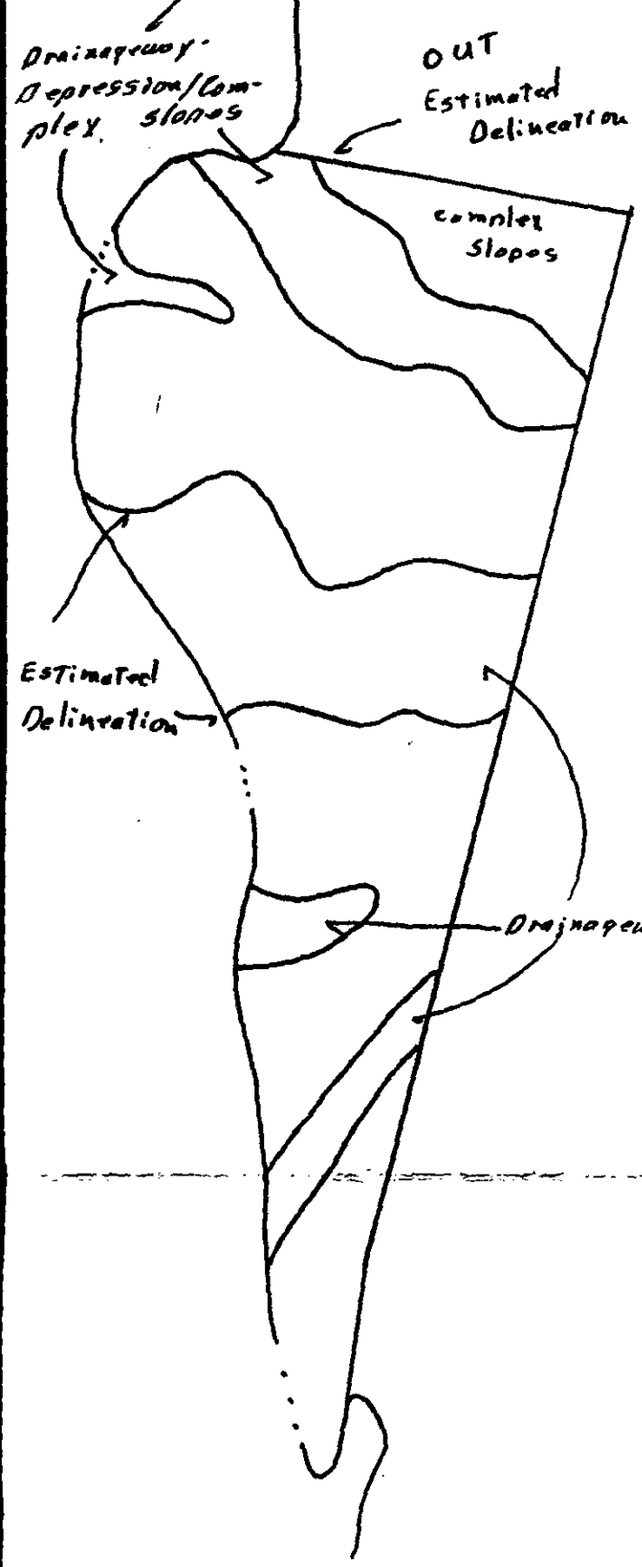
Sincerely,

William R. Marlin

William R. Marlin
Soil Scientist

Pre- Preliminary 113-221-14, 16





☐ Areas Appearing To Be Dominantly Acceptable For Septic Tank System Installation

☐ Areas Appearing To Be Dominantly Unacceptable For Septic Tank System Installation

W. R. Marlin- Soil Scientist

113-221-1416

CRESCENT RESOURCES
INC.
400 South Tryon Street
Suite 1300
P.O. Box 30817
Charlotte, NC 28230

RONALD M. BOST
Vice President
Forestry

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
SEP 10 19
ENVIRONMENTAL DIVISION

(704) 373-8255
FAX (704) 382-1867

September 6, 1990

Mr. William R. Marlin
Mecklenburg County Health Department
Environmental Health Division
1200 Blythe Boulevard
Charlotte, North Carolina 28203

Dear Mr. Marlin:

Enclosed is advance payment for the soil testing we would like for you to conduct on the 61.68 acres on Lake Wylie shown to you by Jim Teat and Greg Cox.

We would greatly appreciate your giving this work your prompt attention.

Sincerely,

Ronald M. Bost

Ronald M. Bost

RMB:lm

CC: Greg Cox/Jim Teat

Enclosure

Is mailing additional $3.00

Run file

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 9-10-90

Name/Company: Crescent Resources

Sanitation _____

Vector Control _____

O.P.W.D. X

Service: Soil Testing
61.68 acres
off Lake Wylie
Quad 3.20 each Fee

1st 5 acres @ 20 Per = 100.00
57 acres @ 10 Per = 570.00
570.00
666.80 Fee #47.80
#666.80.

Fee: PAID
ENVIRONMENTAL HEALTH DIVISION
SEP 10 1990

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

Mecklenburg County
Health Department

Basil G. Delta, M.D., M.P.H.
Health Director

TO: Susan P. Latimer
Accountant I

FROM: Lorraine C. Whitaker
Accounting Technician I

SUBJECT: Request for Refund/ Environmental Health Services

The following refund is requested:

AMOUNT: $450.00

ORG/ACCOUNT # 462 - 3511

PAYABLE: Walker's Drug Store
c/o Rory Blake
3216 Chaucer Drive
Charlotte, N. C. 28210

DATE OF ORIGINAL DEPOSIT: June 21, 1990

REASON: (Soil Test Prepreliminary 40 Acres)
Mr Blake decided not to have services performed. No action taken for this client.

/

/Enclosures

Mecklenburg County
Health Department

MEMORANDUM

TO: Lorraine Whittaker

FROM: W. R. Marlin *William R. Marlin*

DATE: December 5, 1990

SUBJECT: ~~REFUND: EXM WALKER'S DRUG STORE~~ Rory Blake. File No. 6851A.

Rory Blake, 3216 Chaucer Drive, Charlotte, NC 28210; initially paid a $450 fee on June 20, 1990 to have pre-preliminary soil investigation made on the tract (tax map number 113-221-14) located off Amos Smith Road, Mr. Blake subsequently decided not to pursue getting an investigation of the tract made. Crescent Resources then made a payment to have the above-mentioned tract investigated along with another tract. The soils investigation was performed and a report mailed to Crescent Resources. A refund of $450 to Mr. Blake is in order as a result of this sequence of events.

WM/kjb

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

6851A

FILE: ~~6851A~~

TC: 113-221-14

☑ PC ☐ REPT

JOB LOCATION

① ADDRESS: OFF AMOS STATION

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: _____ PAGE NO.: _____ PARCEL NO.: _____

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: CRESCENT RESOURCES INC.
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: PO Box 30817

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: _____

⑫ PHONE: (WORK) 382-2400 (HOME) _____

⑬ Accurately diagram and dimension lot.

⑭ The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: _____

Date: _____

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

DATE	DESCRIPTION	TOTAL FEE	PAYMENT	ADJ.	BALANCE
06/2010	[redacted] Dent 40acres	450	450	-0	-0-
FAMILY MEMBER			CREDITS		

This is your RECEIPT for this amount

This is a STATEMENT of your account to date

Pre Redemption

CR#4816
$450.00

Thank You

YOUR NEXT APPOINTMENT WILL BE			
PATIENT NAME	DATE	DAY	TIME

2682

PREVIOUS BALANCE	PATIENT'S NAME
-0-	Nobbs Duy

Please present this slip to receptionist before leaving office

DLP _____

AFP _____

..... Days ..... Weeks ..... Months

2682 TIME NEEDED .....

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 06/20/90

Name/Company: Wallace Dunston

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Perc test Preliminary

450 gal Septic 350 20% = 100

6835 Rozzelles Ferry Rd 350 10% 350.

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
JUN 20 1990

CK # 4916

Fee: $ 450.00 $1,450.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6851A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Off Amos Smith Road

② SUBDIVISION: N/A ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 113 PAGE NO.: 221 PARCEL NO.: 14

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

⑦ NAME: Crescent Resources, Inc.
(FIRST) (MIDDLE) (LAST)

⑧ MAILING ADDRESS: P.O. Box 30817

⑨ CITY: Charlotte N.C. ⑩ STATE: NC ⑪ ZIP: 28230

⑫ PHONE: (WORK) 373-8255 (HOME) _____

⑬ *Accurately diagram and dimension lot.*

See Attached Tax Map, Topo Map, Survey.

* Please Note: Soil survey fee to be paid by Mr. Rory Blake.

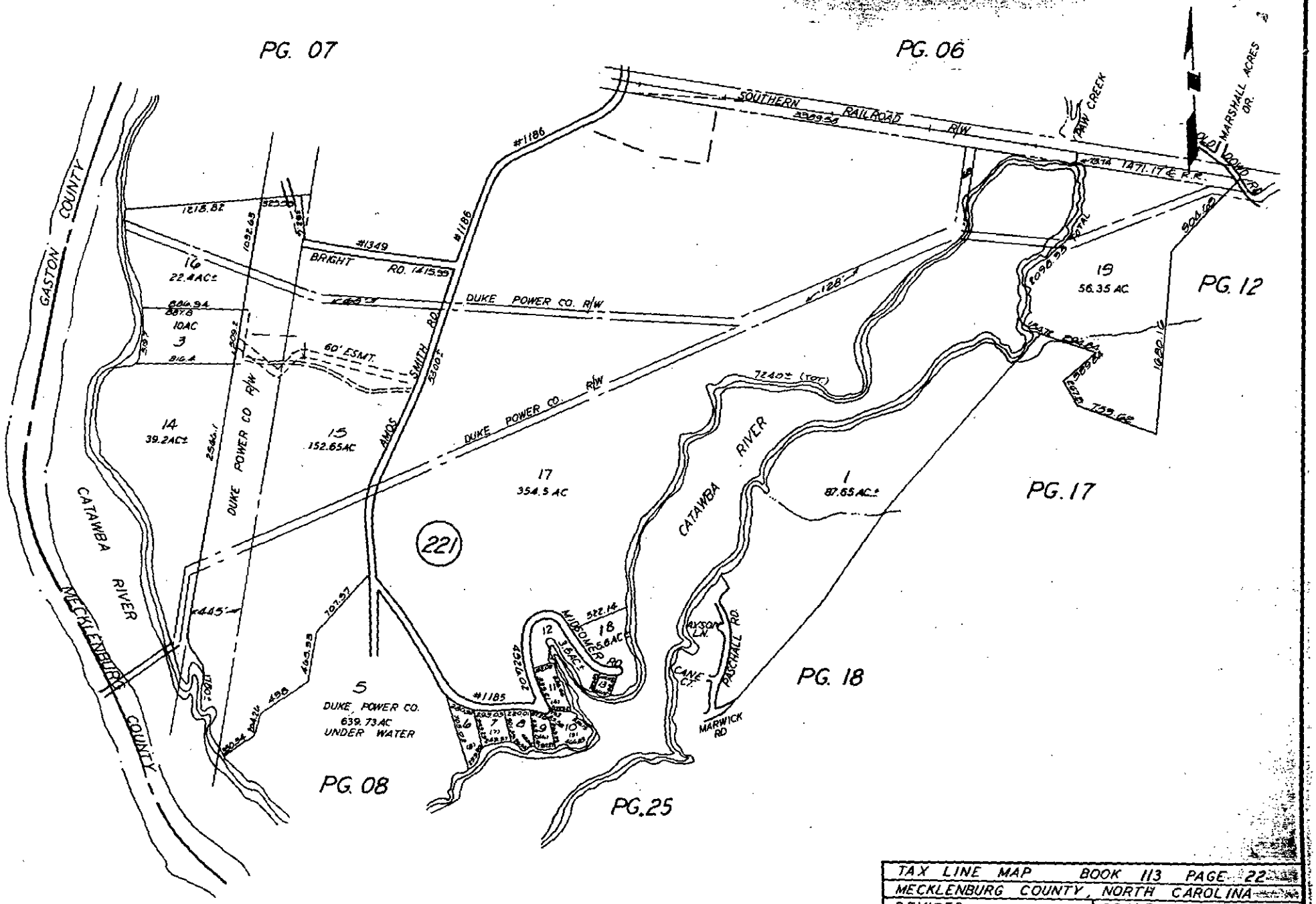
⑭ *The undersigned, owner of the property described above as the "JOB LOCATION" has read the foregoing application, acknowledges that the contents of same are true, and authorizes agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.*

Signed: Ronald M. Best

Date: 6-26-90

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY



TAX LINE MAP	BOOK 113 PAGE 22
MECKLENBURG COUNTY, NORTH CAROLINA	
REVISED	SCALE 1" = 800

FOR TAX PURPOSES ONLY

TOPOGRAPHY MAP

Scale in Feet
0 200 400 600 800 1000
Contour Interval 4 Ft.

AMOS SMITH SOUTH
39.01 AC.

AMOS SMITH NORTH
22.67 AC.

60' R/W

60' ROAD R/W

POST OFFICE RD

SMITH RD

BRIGHT RD

AMOS

TOTAL WATER FRONTAGE:
930.14 FEET

TOTAL WATER FRONTAGE:
3902.53 FEET

LAKE WYLIE

1,400,000 E

LAKE WYLIE

AMOS SMITH SOUTH 39.01 Ac.

BEARINGS & DISTANCES ALONG SHORELINE

1	S 09°00'35"E	107.56	41	N 37°38'18"W	96.45
2	S 02°07'40"W	33.54	42	N 43°19'48"W	50.16
3	S 02°47'46"E	120.57	43	N 49°07'15"W	49.74
4	S 01°57'06"W	122.27	44	N 48°05'07"W	15.30
5	S 35°48'46"W	10.30	45	N 48°05'07"W	35.69
6	N 64°15'51"W	35.34	46	N 42°57'19"W	45.69
7	N 25°24'09"W	56.48	47	N 23°16'26"W	50.36
8	N 20°40'43"W	50.25	48	N 41°12'23"W	56.61
9	N 11°32'04"W	50.09	49	N 42°24'07"W	50.25
10	N 10°19'58"W	100.17	50	N 23°48'29"W	49.52
11	N 19°45'15"W	51.97	51	N 06°56'21"W	50.25
12	N 32°23'28"W	59.00	52	N 01°20'23"W	20.40
13	N 09°19'31"W	50.09	53	N 12°35'10"W	63.05
14	N 09°09'05"W	49.24	54	N 10°26'34"W	50.80
15	N 09°07'01"W	50.64	55	N 03°54'26"E	70.35
16	N 07°56'35"E	50.49	56	N 05°20'16"E	50.09
17	N 01°10'21"W	50.01	57	N 00°13'39"W	86.01
18	N 00°01'36"W	50.00	58	N 18°09'39"E	20.02
19	N 00°51'54"E	84.15	59	N 47°35'16"E	44.72
20	N 20°17'10"W	50.00	60	N 03°01'07"E	42.06
21	N 22°34'36"W	50.04	61	N 21°59'09"E	77.91
22	N 23°43'11"W	50.09	62	N 24°14'08"E	52.81
23	N 17°39'21"W	88.32	63	N 46°36'15"E	41.61
24	N 11°29'59"W	50.01	64	N 33°58'41"E	50.25
25	N 12°36'44"W	50.00	65	N 48°13'15"E	65.59
26	N 10°47'48"W	69.89	66	N 54°22'25"E	39.00
27	N 08°51'30"E	50.04	67	S 86°25'04"E	43.44
28	N 13°26'22"E	50.04	68	S 87°47'12"E	41.23
29	S 78°51'04"E	13.00	69	S 63°01'25"E	50.80
30	N 04°47'47"W	36.40	70	S 40°02'38"E	27.17
31	N 07°17'10"W	15.81	71	S 57°00'20"E	21.82
32	N 09°52'32"E	65.85	72	N 06°53'35"W	24.52
33	N 03°27'36"W	50.49	73	N 14°35'06"E	60.50
34	N 11°25'47"W	50.00			
35	N 17°26'28"W	94.96			
36	N 20°52'51"W	50.09			
37	N 09°28'38"W	50.49			
38	N 22°38'36"W	89.20			
39	N 34°12'17"W	50.09			
40	N 24°08'33"W	51.42			

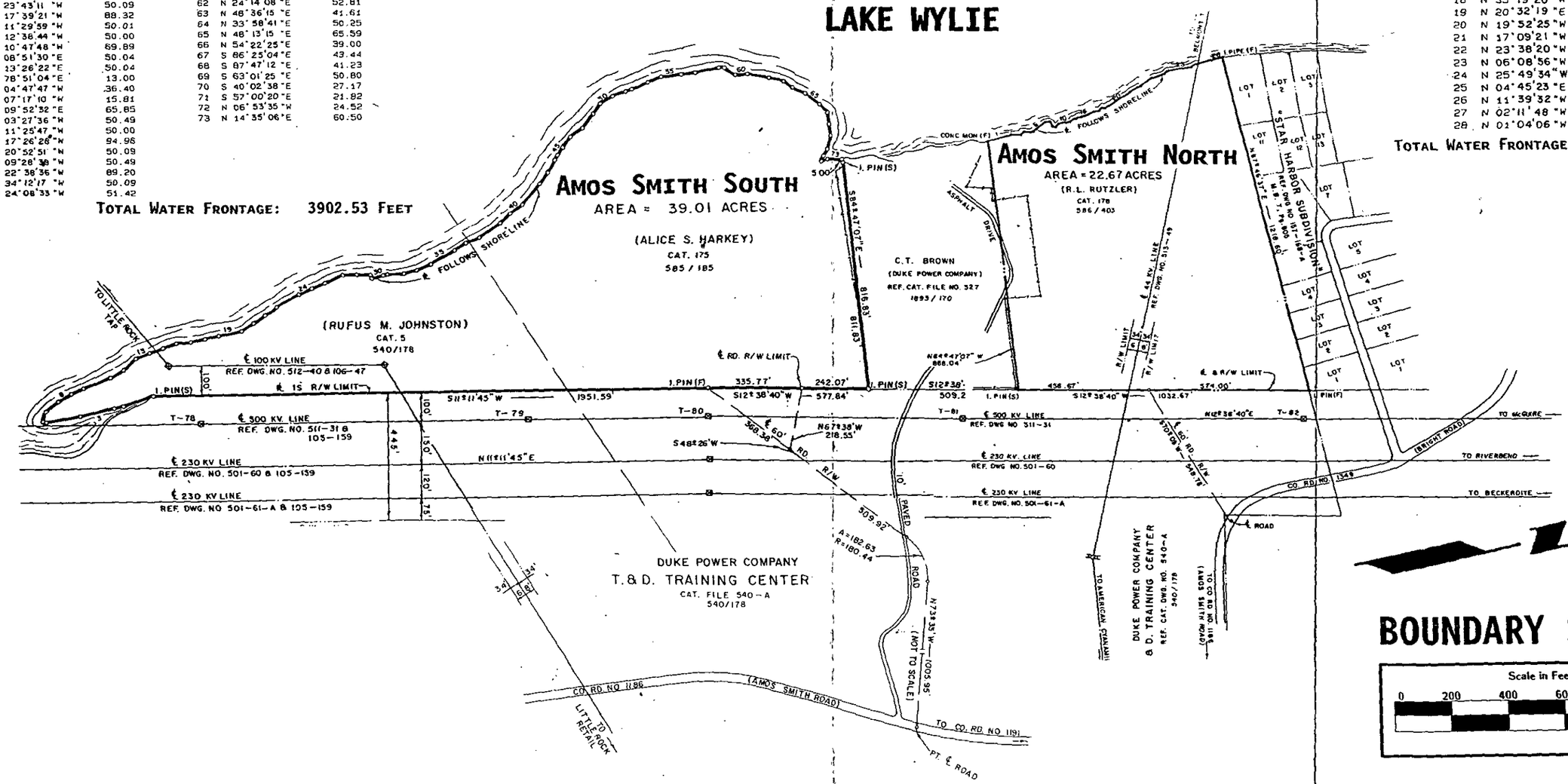
TOTAL WATER FRONTAGE: 3902.53 FEET

AMOS SMITH NORTH 22.67 Ac.

BEARINGS & DISTANCES ALONG SHORELINE

1	N 04°06'30"W	83.49
2	N 14°29'50"E	35.26
3	N 34°51'16"W	16.81
4	N 20°42'39"E	22.85
5	N 02°29'16"W	11.00
6	N 27°06'41"W	52.80
7	N 08°07'55"E	16.28
8	N 69°59'12"E	19.93
9	N 24°04'38"E	11.18
10	N 39°21'28"W	15.00
11	N 03°31'17"E	38.21
12	N 23°02'38"W	17.09
13	N 08°49'20"E	10.20
14	N 11°57'00"W	18.25
15	N 04°41'25"W	26.02
16	N 13°47'52"W	25.50
17	N 04°38'14"E	16.12
18	N 35°19'20"W	13.62
19	N 20°32'19"E	11.31
20	N 19°52'25"W	106.16
21	N 17°09'21"W	46.00
22	N 23°38'20"W	44.28
23	N 06°08'56"W	52.07
24	N 25°49'34"W	17.46
25	N 04°45'23"E	82.61
26	N 11°39'32"W	30.41
27	N 02°11'48"W	48.00
28	N 01°04'06"W	42.23

TOTAL WATER FRONTAGE: 930.14 FEET



BOUNDARY SURVEY

Scale in Feet

0 200 400 600 800 1000