Groundwater & Wastewater Services
Septic Project File & Data Review Worksheet

GWS File #: 7960B WASPS App #: 3999

Primary ES assigned to project: JP Michelone

Secondary ES assigned to project: —

Project Type: New System ☑ Alteration ☐ Repair ☐ Modified Plot Plan ☐

I. File Review:

Rule or Law	Permit Application			
.1937(d)	Is the Application complete	Yes ☑	No ☐	N/A ☐
.1937(d)	Is there a Site plan/Plat with application	Yes ☑	No ☐	N/A ☐
.1937(d)	Is the Facility shown?	Yes ☑	No ☐	N/A ☐
.1937(d)	Are appurtenances shown	Yes ☑	No ☐	N/A ☐
	Site Evaluation Information			
.1939 (a)(1)	Topography and Landscape Position Recorded?	Yes ☑	No ☐	N/A ☐
.1940 (a-g)	Slope % Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Texture Class Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Structure type Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Consistence Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(2)	Mineralogy Recorded?	Yes ☑	No ☐	N/A ☐
.1939 (a)(3)	Soil Wetness Condition Recorded?	Yes ☐	No ☐	N/A ☑
.1939 (a)(4)	Soil Depth to Rock or Parent Material Recorded When Encountered	Yes ☐	No ☐	N/A ☑
.1939 (a)(5)	Depth to Restrictive Horizons Recorded When Encountered?	Yes ☑	No ☐	N/A ☐
.1939 (a)(6)	Sufficient Available Space Recorded?	Yes ☑	No ☐	N/A ☐
.1937(m)	Are the Profile Locations Shown?			
.1939(a)	Are the S/PS Profiles in system & in repair area?	Yes ☑	No ☐	N/A ☐
& .1945(b)	Number of auger borings made: 4 Were sufficient auger borings made?	Yes ☑	No ☐	N/A ☐
.1939(d), .1955, .1956, .1957	LTAR 0.3	Yes ☑	No ☐	N/A ☐
	Improvement Permit/Construction Authorization			
.1937(g) 130A-336(a)	Proposed System Type stated-Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Proposed System Type stated-Repair	Yes ☑	No ☐	N/A ☐
130A-336 (a)(3)	System location identifiable by setbacks - Initial	Yes ☑	No ☐	N/A ☐
.1937(g) .1945(b)	System components shown – Initial	Yes ☑	No ☐	N/A ☐
.1945(b)	Repair area shown	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Does System design match facility, flow & WWcharacteristics?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is System design consistent with soil/site conditions?	Yes ☑	No ☐	N/A ☐
.1937 (f)(g)	Is the System located in the approved area?	Yes ☐	No ☐	N/A ☐
130A-336(a)	Is the Design flow (gpd) indicated?	Yes ☑	No ☐	N/A ☐

130A-336(a)	Number of Bedrooms, employees, seats, etc. indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench depth indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench width indicated?	Yes ☑	No ☐	N/A ☐
.1937(g)	Trench length indicated?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Proposed/existing well shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)(1)	Property line lengths shown?	Yes ☑	No ☐	N/A ☐
130A-336(a)	Facility/appurtenance setbacks shown from fixed points?	Yes ☑	No ☐	N/A ☐

Operation Permit

.1937(i)	System type as described in table V(a) of rule .1961	Yes ☐	No ☐	N/A ☐
.1937(i)	Conditions for system performance, operation, maintenance, monitoring and reporting.	Yes ☐	No ☐	N/A ☐

II. WASPS Review:

Construction authorization issued	Yes ☑	No ☐	N/A ☐
Installation approval issued	Yes ☐	No ☐	N/A ☐
Operation permit issued	Yes ☐	No ☐	N/A ☐
Other related documentation	Yes ☐	No ☐	N/A ☐

Items requiring correction/modification: _____

Comments:

_____

_____

_____

_____

_____

IA issued date: _____

OP issued date: _____

Review performed by: P Wolfker Date performed: 12/15/08

7960B

3799

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. **SEPTIC / TYPE APPLICATION:** ☐ N/A ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ☒ N/A ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

3. **JOB LOCATION INFORMATION:**

TAX PARCEL NUMBER: portion of 11329101
STREET ADDRESS: Dixie River Rd
CITY: Charlotte
STATE: NC ZIP:
SUBDIVISION NAME:
LOT #: 2 LOT SIZE (acres): 40.26 AC
TOWNSHIP:
☒ 0-MECKLENBURG ☐ 3-CORNELIUS ☐ 6-HUNTERSVILLE
☐ 1-CHARLOTTE ☐ 4-PINEVILLE ☐ 7-MINT HILL
☐ 2-DAVIDSON ☐ 5-MATTHEWS

4. **BUILDING INFORMATION:**

BUILDING TYPE:
☐ SINGLE MOBILE HOME ☐ MODULAR HOME
☐ DOUBLE WIDE ☐ MULTIPLE FAMILY
☒ HOUSE ☐ OTHER _____
HEATED SQUARE FOOTAGE: 60' x 60' 3600 SF
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 8
FOUNDATION TYPE:
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWL SPACE ☐ BASMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☒ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ☐ MUNICIPAL ☒ PRIVATE WELL ☐ PUBLIC WELL ☐ SHARED WELL ☐ OTHER _____

7. **PROPOSED USE OF WELL:** ☐ N/A ☐ IRRIGATION ☒ POTABLE (DRINKING WATER) ☐ OTHER _____

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED)*:

☐ N/A ☐ ANY TYPE ☐ CONVENTIONAL ☒ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** ____ 1 2 ____ ____

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	☐ YES	☒ NO	GRADING/SOIL REMOVAL PERFORMED	☐ YES	☒ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	☐ YES	☒ NO	JURISDICTIONAL WETLANDS	☐ YES	☒ NO
WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☒ YES	☐ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	☐ YES	☒ NO
CHEMICAL/PETROLEUM STORAGE TANKS	☐ YES	☒ NO	KNOWN UNDERGROUND CONTAMINATION	☐ YES	☒ NO
WASTE STORAGE	☐ YES	☒ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	☐ YES	☒ NO

10. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 2-08 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** 2 wks ☐ N/A

12. **PROPERTY OWNER:**

NAME: Carolina Centers, LLC
ADDRESS: PO Box 1003
CITY: Charlotte,
STATE: NC ZIP: 28201
HOME PHONE:
WORK PHONE: 704-662-8225
MOBILE PHONE: —
FAX: 704-662-8735

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**

NAME: SAME (Paul Pennington)
ADDRESS: 385 Timber Rd
CITY: Mooresville
STATE: NC ZIP: 28115
HOME PHONE:
WORK PHONE: 662-8625
MOBILE PHONE: 996-6330
FAX: 662-8735

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 7/1/08

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

PGP (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below.

Property Owner's or Owner's Legal Representative Signature

12-2-08
Date

OFFICE USE ONLY

☐ SURVEY PLAT TO SCALE SUBMITTED ☐ SCALED SITE PLAN SUBMITTED ☐ UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEES RECEIVED: $ 250 (add'l $50 ck) DATE FEE RECEIVED: 12/2/08

WELL APPLICATION FEES RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: JC

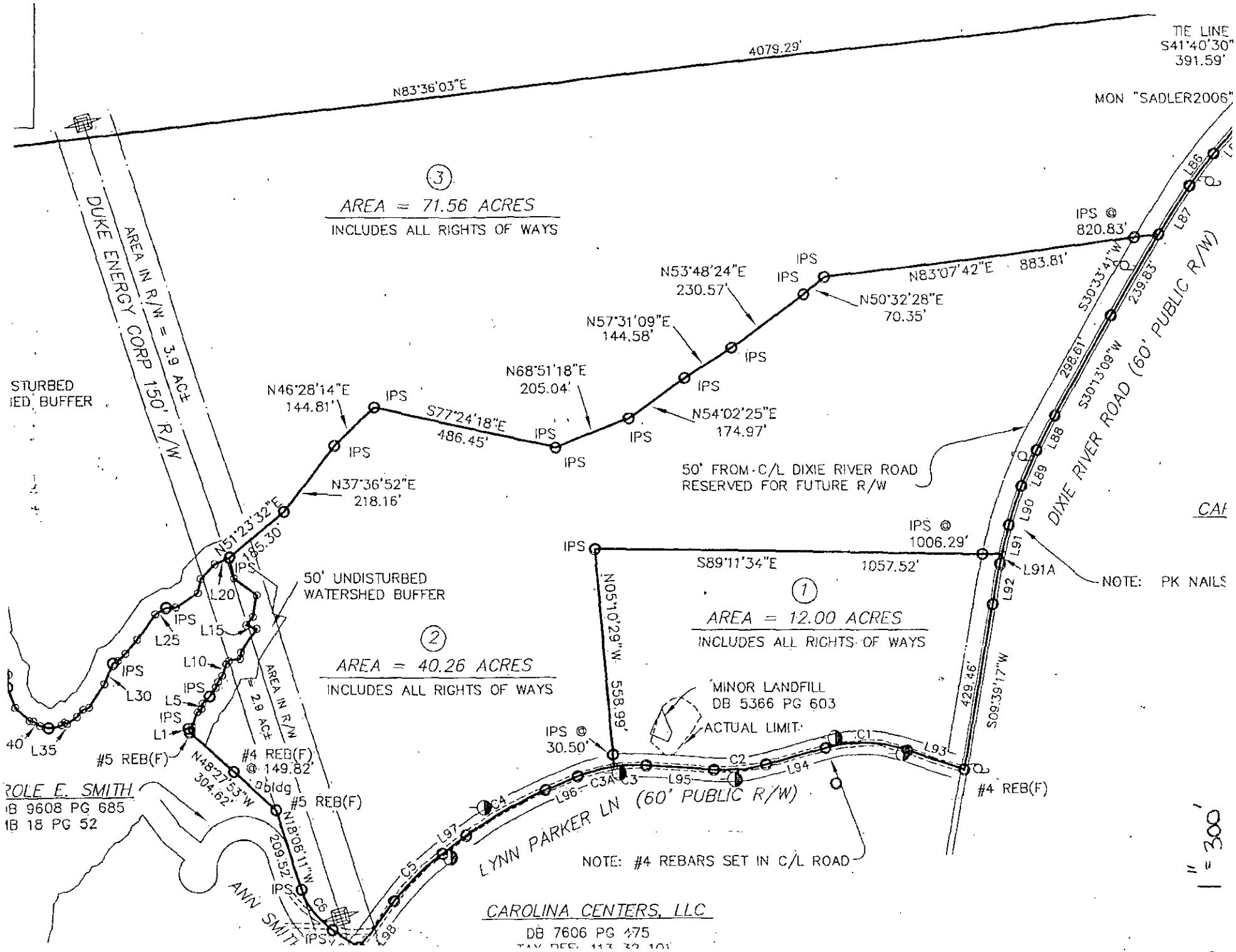
GWS FILE NUMBER ASSIGNED: 7960B

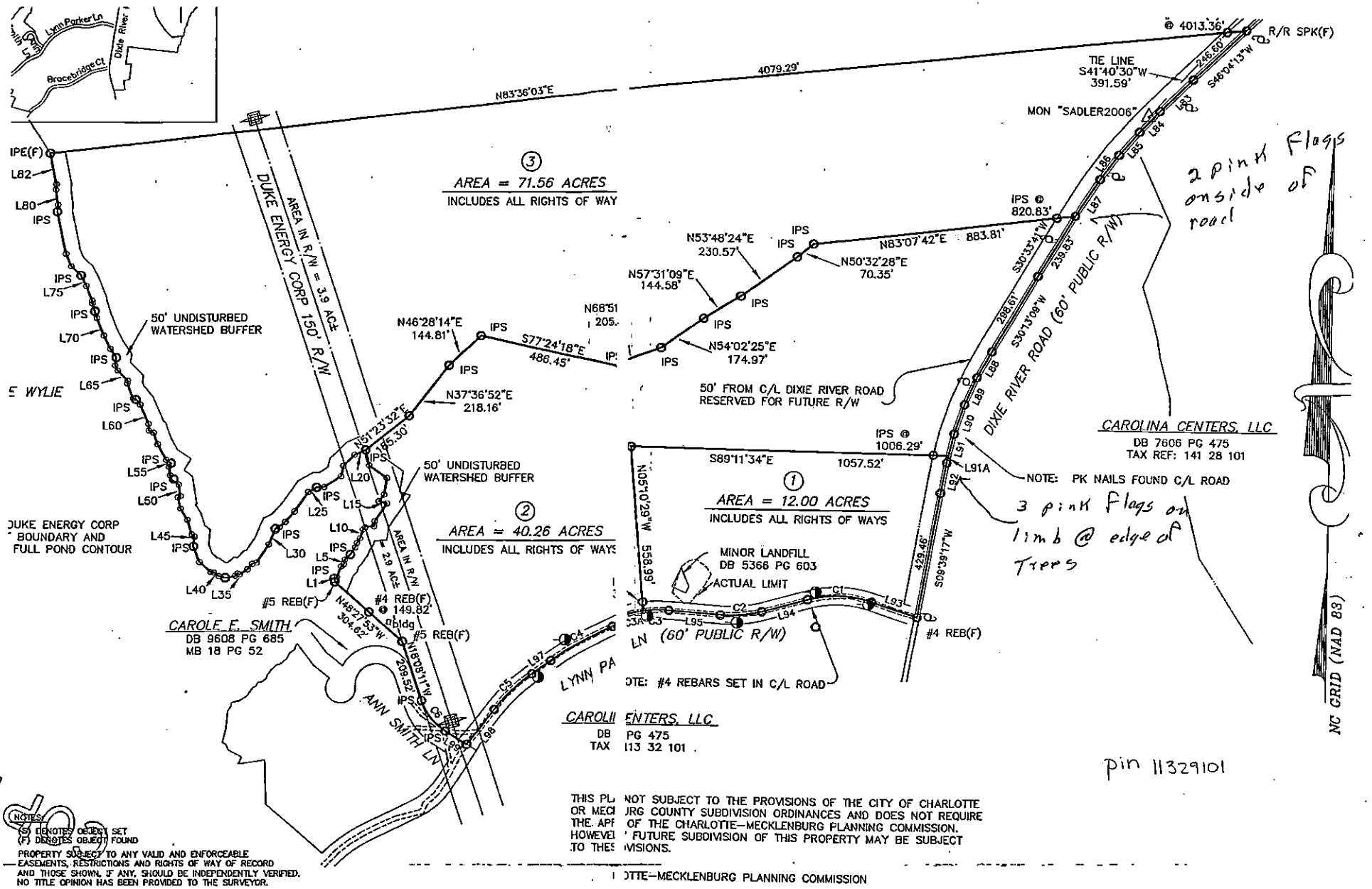
APPLICATION ID NUMBER ASSIGNED: 3999

COMMENTS:

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

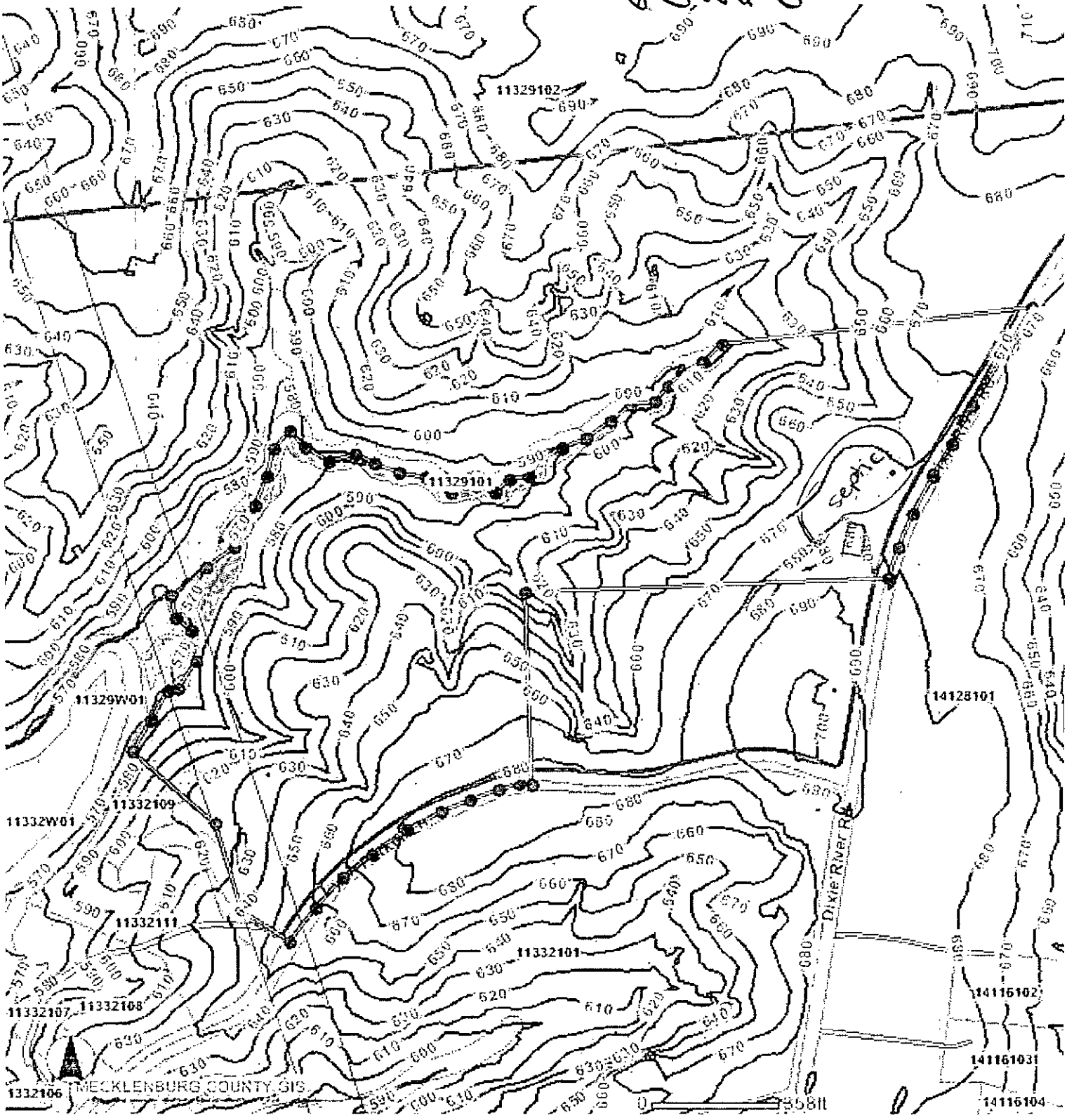
Revised on: 7/1/08


TIE LINE
S41°40'30"
391.59'
MON "SADLER2006"
N83°36'03"E
4079.29'
3
AREA = 71.56 ACRES
INCLUDES ALL RIGHTS OF WAYS
DUKE ENERGY CORP 150' R/W
AREA IN R/W = 3.9 AC±
STURBED
IED BUFFER
N46°28'14"E
144.81'
S77°24'18"E
486.45'
N68°51'18"E
205.04'
N53°48'24"E
230.57'
N57°31'09"E
144.58'
N83°07'42"E
883.81'
N50°32'28"E
70.35'
N54°02'25"E
174.97'
IPS @
820.83'
S30°33'41"W
239.83'
S30°13'09"W
298.61'
DIXIE RIVER ROAD (60' PUBLIC R/W)
50' FROM C/L DIXIE RIVER ROAD
RESERVED FOR FUTURE R/W
N37°36'52"E
218.16'
N51°23'32"E
186.30'
50' UNDISTURBED
WATERSHED BUFFER
2
AREA = 40.26 ACRES
INCLUDES ALL RIGHTS OF WAYS
AREA IN R/W
= 2.9 AC±
1
AREA = 12.00 ACRES
INCLUDES ALL RIGHTS OF WAYS
IPS @
1006.29'
S89°11'34"E
1057.52'
N05°10'29"W
558.99'
NOTE: PK NAILS
MINOR LANDFILL
DB 5366 PG 603
ACTUAL LIMIT
IPS @
30.50'
#5 REB(F)
#4 REB(F)
@ 149.82'
bldg
N48°27'53"W
304.62'
N18°08'11"W
209.52'
S09°39'17"W
429.46'
#4 REB(F)
ROLE E. SMITH
DB 9608 PG 685
PB 18 PG 52
LYNN PARKER LN (60' PUBLIC R/W)
NOTE: #4 REBARS SET IN C/L ROAD
CAROLINA CENTERS, LLC
DB 7606 PG 475
1" = 300'


Lynn Parker Ln
Bracebridge Ct
Dixie River
N83°36'03"E
4079.29'
@ 4013.36'
R/R SPK(F)
TIE LINE
S41°40'30"W
391.59'
MON "SADLER2006"
IPE(F)
L82
L80
IPS
L75
L70
L65
L60
L55
L50
L45
L40
L35
L30
L25
L20
L15
L10
L5
L1
50' UNDISTURBED WATERSHED BUFFER
DUKE ENERGY CORP 150' R/W
AREA IN R/W = 3.9 AC±
DUKE ENERGY CORP BOUNDARY AND FULL POND CONTOUR
E WYLIE
3
AREA = 71.56 ACRES
INCLUDES ALL RIGHTS OF WAY
2
AREA = 40.26 ACRES
INCLUDES ALL RIGHTS OF WAYS
AREA IN R/W
2.9 AC±
50' UNDISTURBED WATERSHED BUFFER
N46°28'14"E
144.81'
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486.45'
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174.97'
IPS @
820.83'
S30°33'41"W
238.63'
S30°13'08"W
298.61'
50' FROM C/L DIXIE RIVER ROAD
RESERVED FOR FUTURE R/W
DIXIE RIVER ROAD (60' PUBLIC R/W)
IPS @
1006.29'
S89°11'34"E
1057.52'
1
AREA = 12.00 ACRES
INCLUDES ALL RIGHTS OF WAYS
N05°10'29"W
558.99'
MINOR LANDFILL
DB 5368 PG 603
ACTUAL LIMIT
S09°39'17"W
429.46'
CAROLINA CENTERS, LLC
DB 7606 PG 475
TAX REF: 141 28 101
NOTE: PK NAILS FOUND C/L ROAD
L91A
#5 REB(F)
#4 REB(F)
@ 149.82'
bldg
#5 REB(F)
N48°27'53"W
304.62'
CAROLE E. SMITH
DB 9608 PG 685
MB 18 PG 52
N18°08'11"W
208.52'
ANN SMITH LN
LYNN PA
LN (60' PUBLIC R/W)
#4 REB(F)
NOTE: #4 REBARS SET IN C/L ROAD
CAROLI ENTERS, LLC
DB PG 475
TAX 113 32 101
2 pink Flags on side of road
3 pink Flags on limb @ edge of Trees
NC GRID (NAD 83)
pin 11329101
NOTES:
(S) DENOTES OBJECT SET
(F) DENOTES OBJECT FOUND
PROPERTY SUBJECT TO ANY VALID AND ENFORCEABLE EASEMENTS, RESTRICTIONS AND RIGHTS OF WAY OF RECORD AND THOSE SHOWN, IF ANY, SHOULD BE INDEPENDENTLY VERIFIED. NO TITLE OPINION HAS BEEN PROVIDED TO THE SURVEYOR.
NAMES AND DEED REFRENCES SHOWN ARE FOR DESCRIPTIVE PURPOSES ONLY, NOT TO BE USED FOR DETERMINING TITLE.
WATER BOUNDARIES ARE SUBJECT TO CHANGE BY NATURAL CAUSES AND MAY EFFECT AREA AND LIMIT OF TITLE.
THIS PL NOT SUBJECT TO THE PROVISIONS OF THE CITY OF CHARLOTTE
OR MEC JRG COUNTY SUBDIVISION ORDINANCES AND DOES NOT REQUIRE
THE. APF OF THE CHARLOTTE-MECKLENBURG PLANNING COMMISSION.
HOWEVE ' FUTURE SUBDIVISION OF THIS PROPERTY MAY BE SUBJECT
TO THES VISIONS.
OTTE-MECKLENBURG PLANNING COMMISSION
ING COMMISSION STAFF DATE
1" = 300'

4 bd 1bath w/well

60x60



Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: PO 113-291-01
Lot #: 2
File #: 7960B
AppID: 3999

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Carolina Centers, LLC
Applicant: S & ME
Address: PO Box 1003, Charlotte, N. C. 28201
Date Evaluated: 12/5/08
Proposed Facility: Residence
Design Flow (.1949) 480gpd
Property Size: 40a
Location of Site: Dixie River Road
Property Recorded:
Water Supply: [ ] Public [x] Individual [x] Well [ ] Spring [ ] Other
Evaluation Method: [x] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS, 8	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48+	N/A	NONE	PS, IV
		3-48	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
2	"	0-2	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		2-19	SBK/C	FI/SEXP/S/P					
		19-26	SBK/SCL	FR/SEXP/SS/SP					
		26-48	SBK/C	FI/SEXP/S/P					
3	"	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-18	SBK/SCL	"					
		18-48	SBK/C	FI/SEXP/S/P					
4	"	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-48	SBK/C	FI/SEXP/S/P					
					SITE LTAR .3GPD/FT^2				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	III g	III g
Site LTAR	0.3	0.3

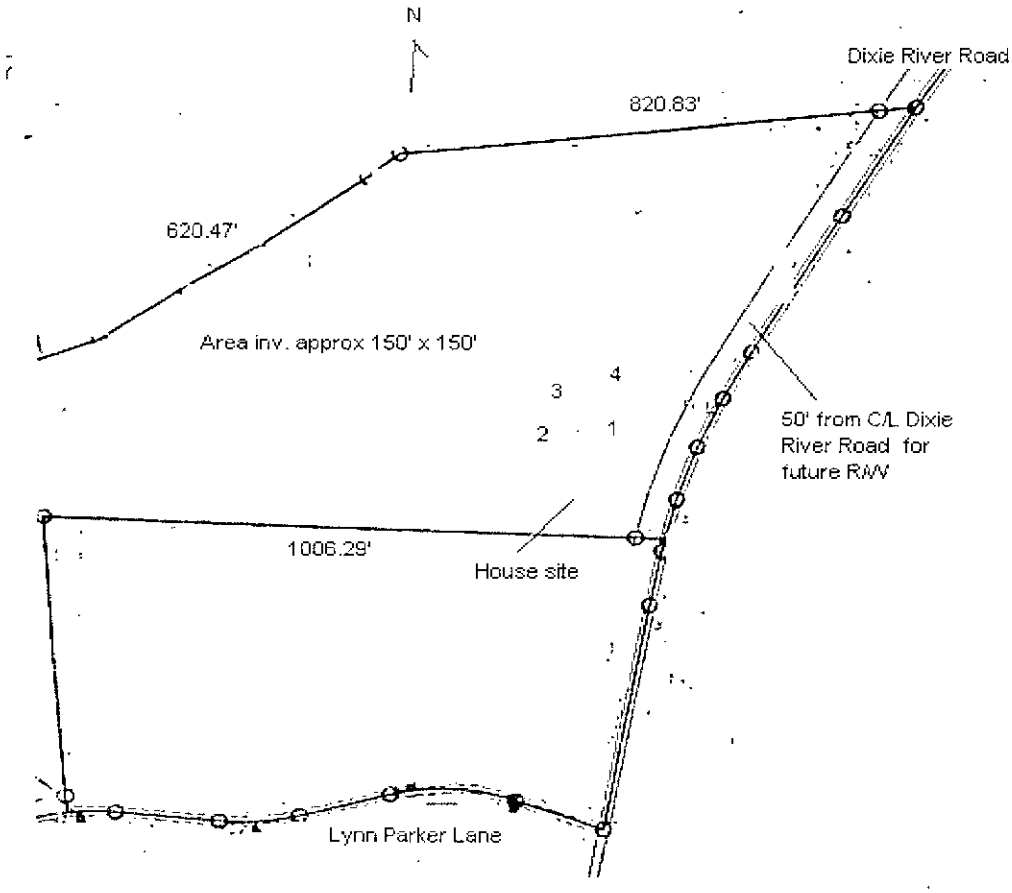
Other Factors (.1946):
Soil Evaluation By: W. R. Marlin, LSS, 12/5/2008.
Others Present:
Site Classification (.1948): PS
Site Evaluation By: JPM
Others Present:

COMMENTS:
100% repair

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0 8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope		SICL-Silty Clay Loam		PR-Prismatic
T-Terrace				
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	NS-Non-Sticky	SEXP-Slightly Expansive
FR-Friable	SS-Slightly Sticky	EXP-Expansive
FI-Firm	S-Sticky	
VFI-Very Firm	VS-Very Sticky	
EFI-Extremely Firm	NP-Non-Plastic	
	SP-Slightly Plastic	
	P-Plastic	
	VP-Very Plastic	

Sketch of Soil Evaluation Locations



S&ME

File # 7960B

Date: December 3, 2008

To: Mr. Chris Sherrill, RS, LSS
Mecklenburg County Health Department

Re: Request for a Septic Improvement Permit for 40.26 Ac Tract off Dixie River Road
Portion of Parcel PIN No. 1132901

Crescent Resources, LLC is requesting an Improvement Permit for the above referenced lot for a new four bedroom house (see attached Site Plan). S&ME, Inc. (S&ME) has evaluated the site's soils with hand auger borings (see attached S&ME soil sheets) and flagged the system and repair on the lot. The septic lines have been approximately located by S&ME and are shown on the attached site plan. The attached sketch and specifications are not an Improvement Permit and are intended only to assist the MCHD in permitting the referenced lot on Dixie River Road.

We understand that a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer will apply for the ATC. If the buyer's house pad does not fit in the "building envelope" shown on the Improvement Permit, we understand that the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on the lot prior to obtaining the ATC from the MCHD.**

Please review the attached system sketch and design specifications for the Improvement Permit. Any additions or revisions you feel are necessary can be made on the Improvement Permit. Please call in you have and questions or comments.

Sincerely,

S&ME, Inc.

Kathleen Saunders

Kathleen Saunders, LSSIT
Project Manager

Paul G. Penninger, LSS
Senior Soil Scientist

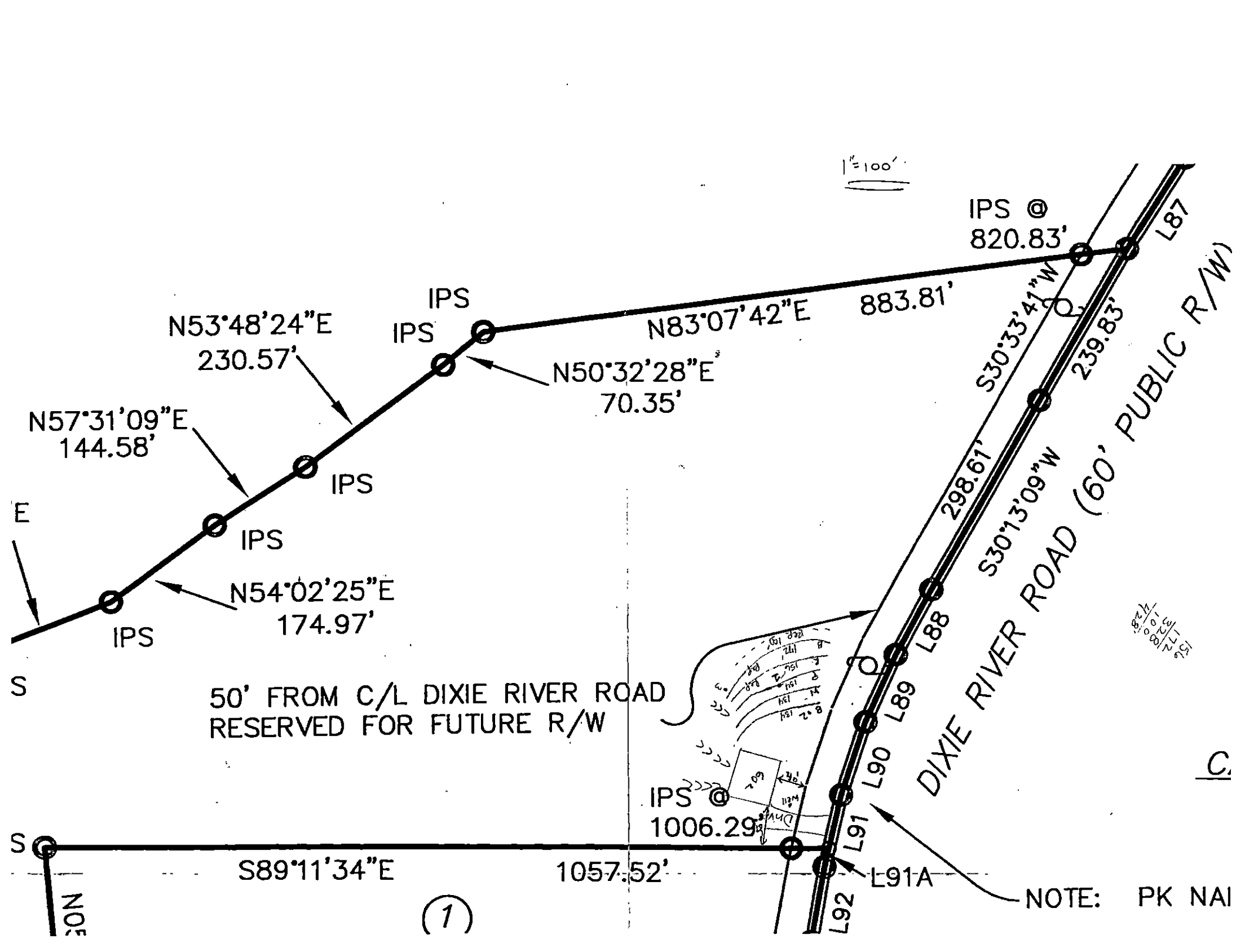
Attachments:
1. System Specifications
2. Site Plan
3. S&ME Soil Notes

Design Specifications for 40.26 Ac. Tract off Dixie River Road
MCHD File # 79608

Daily Design Flow:	480 gpd
Number Bedrooms:	4 bedroom
Basement or Crawl Space:	Crawl Space
Septic Tank Size:	1,500 gal
Primary System Loading Rate:	**0.30 gpd/ft^2**
Primary System:	**25% reduction**
Distribution Device	Distribution Box
Number and length of laterals:	3 @ 134 ft. endfed
Total ft. of primary system:	402 ft.
Repair System Loading Rate:	**0.30 gpd/ft^2**
Repair System:	**25% Reduction**
Total ft. of repair	428+ ft. (400 ft. required)
Maintenance Agreement Required:	No

File #
7960B

92
L91A
L91
L90
L89
L88
DIXIE
Drive
29,900
Well
60'
100'
DBox
ST
B 2 134'
W 1 134'
P 1 134'
R 156' Repair
B 4 172' Repair
NF 100' Repair
3
1" = 50'


1"=100'
IPS @
820.83'
L87
IPS
IPS
N53°48'24"E
230.57'
N83°07'42"E
883.81'
S30°33'41"W
239.83'
N50°32'28"E
70.35'
N57°31'09"E
144.58'
IPS
298.61'
S30°13'09"W
IPS
E
IPS
L88
L89
N54°02'25"E
174.97'
IPS
S
50' FROM C/L DIXIE RIVER ROAD
RESERVED FOR FUTURE R/W
DIXIE RIVER ROAD (60' PUBLIC R/W)
IPS @
1006.29
L90
L91
S
S89°11'34"E
1057.52'
L91A
NOTE: PK NAI
L92
(1)

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Crescent Resources _____ APPLICATION DATE _____
ADDRESS: Dixie River Rd _____ DATE EVALUATED: 12/2/05
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: • Private • Public • Well • Spring • Other _____
EVALUATION METHOD: • Auger Boring • Pit • Cut TYPE OF WASTEWATER: • Sewage • Industrial Process • Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	L	0-3	WK SBK SCL	FR SS/SP	Red Br		F Sap		0.3 PS
		3-22	Mo SBK C	FR SS/SP	Red				
		22-48	WK SBK CL	FR SS/SP	Red				
2	L	0-3	WK SBK SCL	FR SS/SP	Red Br		F Sap C Sap		0.3 PS
		3-20	Mo SBK C	FR SS/SP	Red				
		20-25	WK SBK C	FR SS/SP	Red				
		25-48	WK SBK CL	FR SS/SP	Red				
3	L	0-8	WK SBK SCL	FR SS/SP	Red		F Sap		0.3 PS
		8-30	Mo SBK C	FR SS/SP	Red				
		30-48	WK SBK C	FR SS/SP	Red				
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: K MS
OTHER(S) PRESENT: _____

COMMENTS: _____

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30003999** GWS File #: **7960B** Tax Parcel #: **113-291-01**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is **NOT** transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 12/11/2013

Type of Installation: Residential - New System Lot Number: 2

Structure Type: HOUSE Size (ft^2): 3600 # Bedrooms: 4 # Occupants: 8

Building Foundation: Crawl Space Water Supply: Private Well

II. Initial System Type: Approved **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	24	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Approved **System Classification:** IIIg

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.3	Septic Tank Size (gal):	1500	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1200	Total Trench Length (ft):	400
Maximum Trench Depth (in):	24	Depth of Media (in):	12	Distribution Device:	Distribution Box		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HEALTH DEPARTMENT, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until an INSTALLATION APPROVAL is granted by the Department.
- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michelone Owner/Legal Agent: Kathleen Saunders
Print Name

Signature: Jeremy Michelone Signature: Kathleen Saunders

Date Issued: 12/11/2008

Mecklenburg County Groundwater & Wastewater Services
700 N. Tryon St, Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

NC DENR
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30003999** GWS File #: **7960B**

IV. Permit Conditions/Comments:

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- The septic system installer shall be a registered septic contractor with Mecklenburg County Health Department.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

DENR Authorized Agent: Jeremy Michelone

Signature: Jeremy Michelone

Date Issued: 12/11/2008

Owner/Legal Agent: Kathleen Saunders
Print Name

Signature: Kathleen Saunders

Page 2 of 2

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/02/08	**Amount:**	50.00
Receipt #:	59832	**Tendered:**	50.00
Check / Auth #:	CASH	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #: 200000
Contractor: PAUL PENNIGER
Attn:
Address: 385 TIMAHOE RD
Address:
City/State/Zip: MOORESVILLE, NC 28117

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen DIXIE RIVER RD		1	50.00	50.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	12/02/08	**Amount:**	200.00
Receipt #:	59834	**Tendered:**	200.00
Check / Auth #:	CHECK 1147	**Returned:**	0.00
Received By:	CRAIGGY		

Account Information

Account #:	200000
Contractor:	S & M E
Attn:	
Address:	3718 OLD BATTLEGROUND RD
Address:	
City/State/Zip:	GREENSBORO, NC .27410

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen DIXIE RIVER RD		1	200.00	200.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance