

12725 NINEBARK TL

19937145

1/8/2008

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

Barcode Font = IDAutomationHC39M

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

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 5421B Permit #: _____ Tax Parcel #: 199-371-05

Property Owner: Arcadia Homes

Job Location Address: 12725 Nine Bark Trail

City: Charlotte State: NC Zip Code: _____

POSSE

Operation Permit Issuance Date: 4/24/06 Contractor Name: WT Norwood

Permitted Design Flow: 600 GPD

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Effluent Pump Model: ME 3F

Drainfield Installation ☐ N/A

Trench Depth: 24-30" inches

Trench Width: 3' feet

Line Spacing: 9' feet (O.C.)

Total line length: 510' feet

# of Lines: 3 @ 170' feet

Depth of Media: 12" inches (Type) SEZ+Flow

Depth of Cover: 12" inches

Distribution Device: Pressure Manifold

Inspection Dates

Tank(s) Inspected: 4/24/06

Excavation Inspected: 4/24/06

Pump & Controls Inspected: 4/25/06

Bed Installation *(For Repair Installations ONLY.)* ☐ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

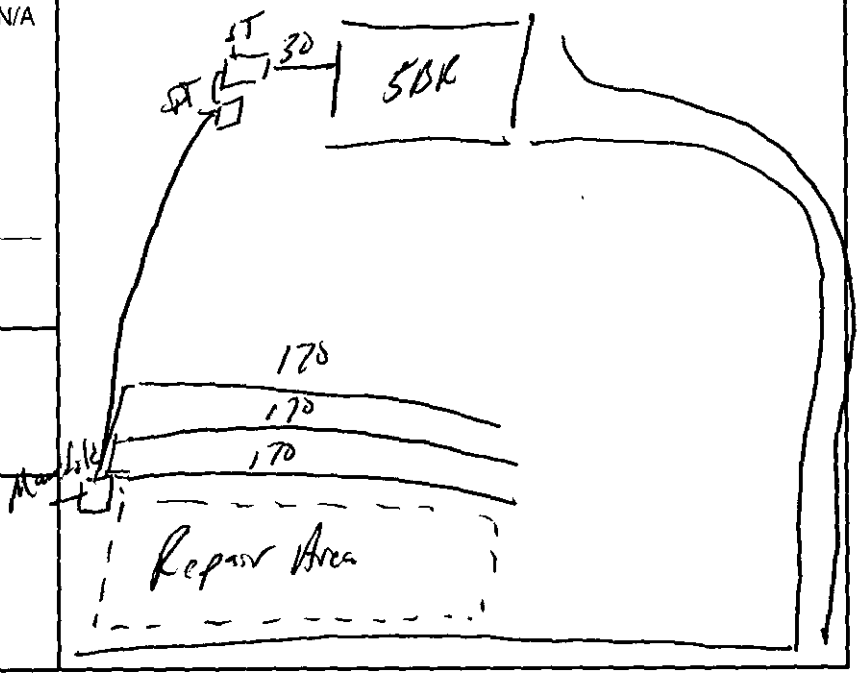
System Installation Setbacks

Distance from Building Foundation: 75' feet

Distance from Property Line: 710' feet

Distance from Water Supply Source: 7100' feet

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☐ installed ☐ altered ☐ repaired ☐ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: III bg

DENR Authorized Agent: Zach Peterson EHS Signature: Zach J. Peterson

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NC DENR
Division of Environmental Health
On-Site Wastewater Section

INSTALLATION APPROVAL for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 54210 Permit #: _____ Tax Parcel #: 199-371-45

Property Owner: Arcadia Homes

Job Location Address: 12725 Nine Banks Trail

City: Charlotte State: NC Zip Code: _____

Installation Approval Issuance Date: 4/24/06

Permission is hereby given to ☑ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge, as specified herein at the described location. This approval is granted based upon the application information submitted to our office. All work shall be completed on or before _____, after which date this approval shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A. 1900 which are in effect on the date of granting this approval. An **Operation Permit** must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now of hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

***NOTICE: This system shall not be installed while soils are in a wet condition.**

Permitted Design Flow: ~~1500~~ 600 GPD

Site LTAR: 0.3 GPD/ft² (For new installations only.)

Liquid Capacity of Septic Tank: 1500 gallons

Liquid Capacity of Dosing Tank: 1000 gallons

Drainfield Design ☐ N/A

Trench Depth: 24-30" inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: ~~450~~ 510 feet

# of Lines: 3 @ 170' feet

Depth of Media: N/A inches (Type) _____

Distribution Device: Pressure Manifold

Bed Design *(For Repair Installations ONLY.)* ☑ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

Minimum System Setbacks

Distance from Building Foundation: >5' feet

Distance from Property Line: >10' feet

Distance from Water Supply Source: >100' feet

SKETCH OF SYSTEM LAYOUT
(Proposed Layout)

Install in accordance w/ Consultant Design. ZP

Comments: System Classification & Type: IIIb3

DENR Authorized Agent: Zach Peterson ESP Signature: Zach Peterson

FEE: 300.00

DATE: 4/27/2006

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY

GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 5421B

PERMIT NUMBER: 30000713

PARCEL NUMBER: 19937145

JOB LOCATION INFORMATION

ADDRESS: 12725 NINEBARK TRL

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28278

ISSUED TO: ARCADIA HOMES

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 7/19/2005

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30000713, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.
   *CONSTRUCTION AUTHORIZATION EXPIRATION DATE: 8/2/2009

Acct# B84050

FEE: $300.00

DATE: 7/19/05 VW

AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION

ACS

LD 134835

PERMIT NUMBER: 5421B

PARCEL NUMBER: ~~199-521-01~~ 199-371-45

JOB LOCATION ADDRESS: 12725 Ninebark Trail Lot #12

PROPERTY OWNER: Arcadia Homes

BUILDING CONTRACTOR: Arcadia Homes

SUBDIVISION NAME: The Sanctuary @ Lake Wylie

AUTHORIZATION ISSUED BY: David Cornelius, RS DATE: 07/19/05

DENR/DEH AUTHORIZED AGENT

AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 5421B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN *INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL* MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH THE MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, NOT TO EXCEED 60 MONTHS.

5. OTHER CONDITIONS:
   Install according to plans on file submitted by Toney Jacobs and Associates.

CONDITIONS OF IMPROVEMENT PERMIT

Permit Number: **5421B**

Tax Number: **199-521-01**

- The IMPROVEMNET 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.

Basement: ☒ Yes ☐ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

0.3 Long-term acceptance rate (GPD/ft^2)	600 Max gallons/day wastewater flow	1500 Absorption Area (ft^2)	9 Trench spacing (min. on centers) (ft)
Serviced by private well: ☐ Yes ☒ No	1500 Gallon septic tank	500 Total trench length (ft)	24 Maximum trench depth (in) (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions.)
5 Bedrooms in residence	1500 Gallon pump tank	na Depth of stone (in)	

Any surface water present: **No** Type: Minimum separation distance (ft):

Additional conditions: **Install according to plans on file submitted by Toney Jacobs and associates.**

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
☐ Large Diameter Pipe
☐ Fill
☐ Other
☒ Innovative or Experimental:

1500 Absorption Area (ft^2) 500 Total trench length (ft)	na Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	24 Maximum trench depth (in)

The undersigned, an authorized agent of the MECKLENBURG COUNTY HELTH DEPARTMENT, certifies that the Department has approved the Request for the Job Location contained in this document. The approval is granted in accordance with the provisions of Laws and Rules For Sewage, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

DENR Authorized Agent Date 8/2/04

Owner/Agent Signature Date

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH, AND
NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

CONDITIONS OF IMPROVEMENT PERMIT

371-45

Permit Number: 54218

Tax Number: 199-521-01

- The IMPROVEMNET 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.

Basement: ☒ Yes ☐ No ☐ Partial Basement

Primary Wastewater System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
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☐ Fill
☐ Other
☒ Innovative or Experimental:

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5 Bedrooms in residence	1500 Gallon pump tank	na Depth of stone (in)	

Any surface water present: No Type: Minimum separation distance (ft):

Additional conditions: Install according to plans on file submitted by Toney Jacobs and associates.

Repair Area System

Type: ☐ I ☐ II ☒ III ☐ IV ☐ V ☐ VI

☐ Conventional
☐ Prefabricated, permeable block panel system
☐ Shallow Placed Conventional
☐ Low Pressure Pipe
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☒ Innovative or Experimental:

1500 Absorption Area (ft^2) 500 Total trench length (ft)	na Depth of stone (in)	9 Trench spacing (min. on centers) (ft)	24 Maximum trench depth (in)

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*** No work shall be conducted on the septic tank system until an Installation, Construction, Alteration and/or Repair Approval is granted by this Department.

*** This Improvement permit is transferable.

DENR Authorized Agent — Date 8/2/04

Owner/Agent Signature — Date 6/18/05

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, NC 28202
(704) 336-5103

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH, AND
NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

IWWS-100195

TONEY C. JACOBS & ASSOCIATES, INC.

Consulting Soil Scientists

Licensed by the North Carolina Board for Licensing of Soil Scientists

Certified by the American Registry of Certified Professionals in Agronomy, Crops and Soils

168 Broadbill Drive
Mooresville, NC 28117
Phone (704) 663-6905
Fax (704) 662-9845 E-mail jacobs@i-america.net

June 11, 2004

To: Mr. David Cornelius, R.S.
Mecklenburg County Env. Health Dept.

From : Toney C. Jacobs
Paul G. Penninger

RE: Request for an Improvement Permit for lot 12 at The Sanctuary:
MCHD file # 5421B

Crescent Resources is requesting an Improvement Permit for lot **12** at The Sanctuary Subdivision for a **5** bedroom, basement home. Mr. Bill Marlin of the MCHD evaluated the soils on 12-19-03 and determined the lot is PS at an 0.3 gpd/ft^2 LTAR. Toney C. Jacobs and Associates, Inc. has flagged 25% reduction septic system and repair on the lot, as shown on the attached sketch.

We understand a building permit cannot be issued until your office issues an Authorization to Construct (ATC). The buyer of the lot 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 the proposed system may have to be modified prior to your office issuing the ATC. **No grading shall take place on lot prior to obtaining the ATC from the MCHD.**

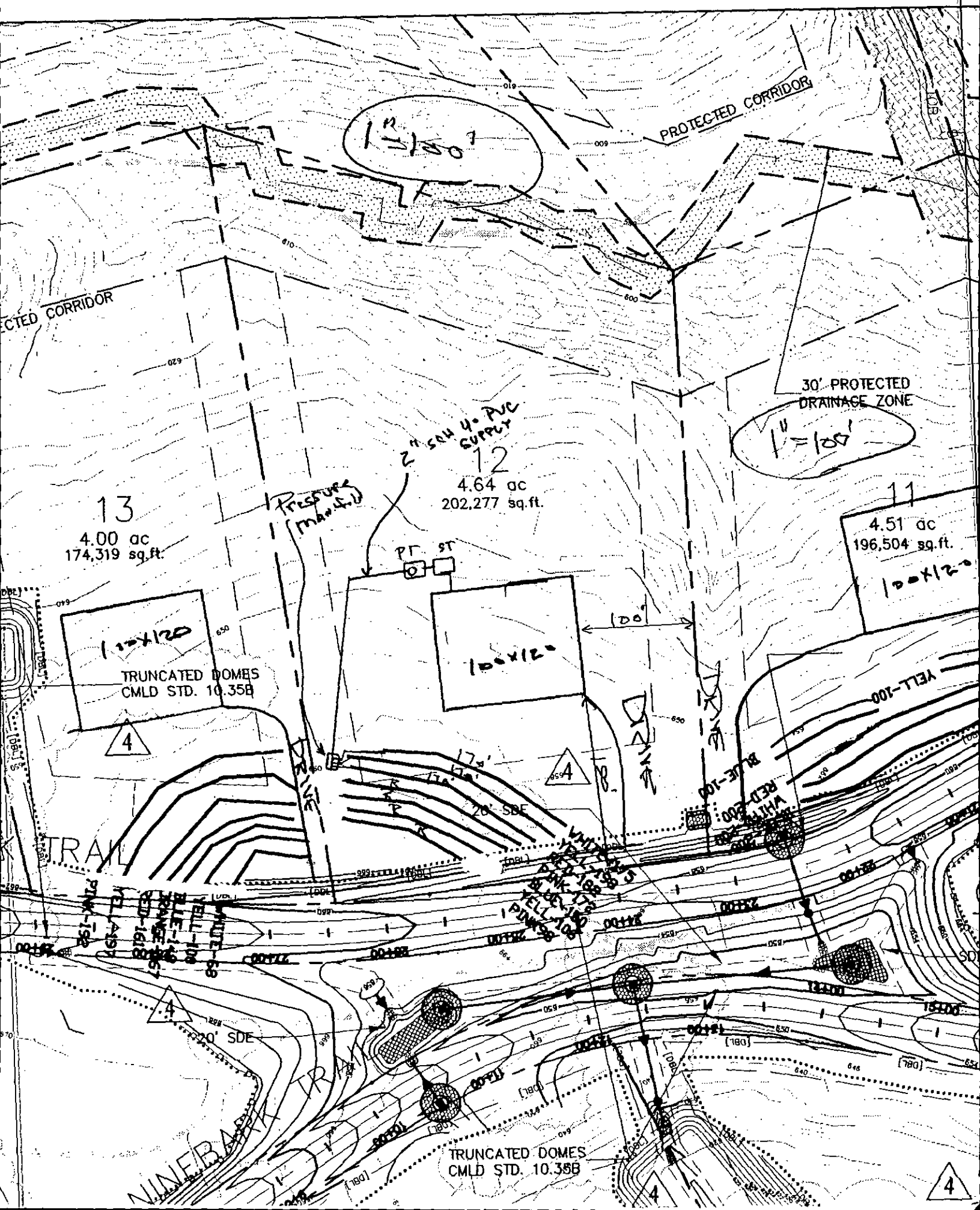
Tri-County Wastewater (TCWW) is under contract to supply maintenance services for each septic system installed at The Sanctuary. TCWW will have a list of preferred septic contractors for the subdivision and will also have requirements for the installation of the septic systems that are greater that the state requirements. It will be the responsibility of TCWW to enforce any requirements above state requirements or the conditions on the Improvement Permit or ATC.

Please review the attached system sketch and design specifications for the Improvement Permit for Lot 12. Please call if you have and questions, comments, or corrections.

Design Specifications for Lot 12 at

The Sanctuary, MCHD File # 5421B

System Type:	primary: repair:	pressure manifold , 25% reduction pressure manifold , 25% reduction
Daily design flow:		600 gpd
Septic tank size:		1500 gal. (2 compartments)
Pumping tank size:		1500 gal.
Effluent loading rate:		0.3 gpd/ft^2 for primary and repair
Number and length of laterals:		3@ 170 ft. 25% reduction primary
Flow rate through the system:		16.5 gpm –use ½ in. SCH 80 taps with 2 ft. head pressure on pressure manifold (5.5 gpm per tap)
Pump requirements:		to be calculated by installer or owners agent when specific house and pump tank location are available
Dosing volume:		approx. 270 gal. – 2.2 doses/day at design flow
Depth of water pumped per dose:		calculated to specific tank by measure or dealer engineering specifications (1 cubic ft. of water equals 7.48 gal.)
Check valve:		YES
Siphon break hole:		No


PROTECTED CORRIDOR
1" = 150'
30' PROTECTED DRAINAGE ZONE
1" = 100'
2" sch 40 PVC SUPPLY
Pressure (Max. 45)
13
4.00 ac
174,319 sq.ft.
12
4.64 ac
202,277 sq.ft.
11
4.51 ac
196,504 sq.ft.
PT
ST
100'
TRUNCATED DOMES
CMLD STD. 10.35B
20' SDE
TRUNCATED DOMES
CMLD STD. 10.35B

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

Sheet: 1
Property ID: PO 199-521-01
Lot #: 12
File #: 5421B
Code: 1

NC5

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Applicant: Toney Jacobs
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. c. 28277
Date Evaluated: 12/19/2003
Proposed Facility: Residence
Design Flow (.1949): 840gpd
Property Size: 1a inv.
Location of Site: Ninebark Trail
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] 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		OTHER PROFILE FACTORS				
			1941 Structure/ Texture	1941 Consistence Mineralogy	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	>46" TO SOIL WETNESS	46	N/A	NONE	PS, IV
		3-39	SBK/C	FI/SEXP/S/P					.3GPD/FT^2
		39-46	SBK/CL	FR/SEXP/SS/SP					
2	"	0-4	GR/CL	"	>49" TO SOIL WETNESS	49	"	"	"
		4-49	SBK/ABK/C	FI/SEXP/S/P					
3	"	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		3-48	SBK/C	FI/SEXP/S/P					
4	"	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-40	SBK/C	FI/SEXP/S/P					
		40-48	SBK/CL	FR/SEXP/SS/SP					
5	"	0-3	GR/CL	"	>49" TO SOIL WETNESS	49	"	"	"
		3-49	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 12/19/2003. W. R. Marlin
Others Present: P. Foster

FILE # 5421B

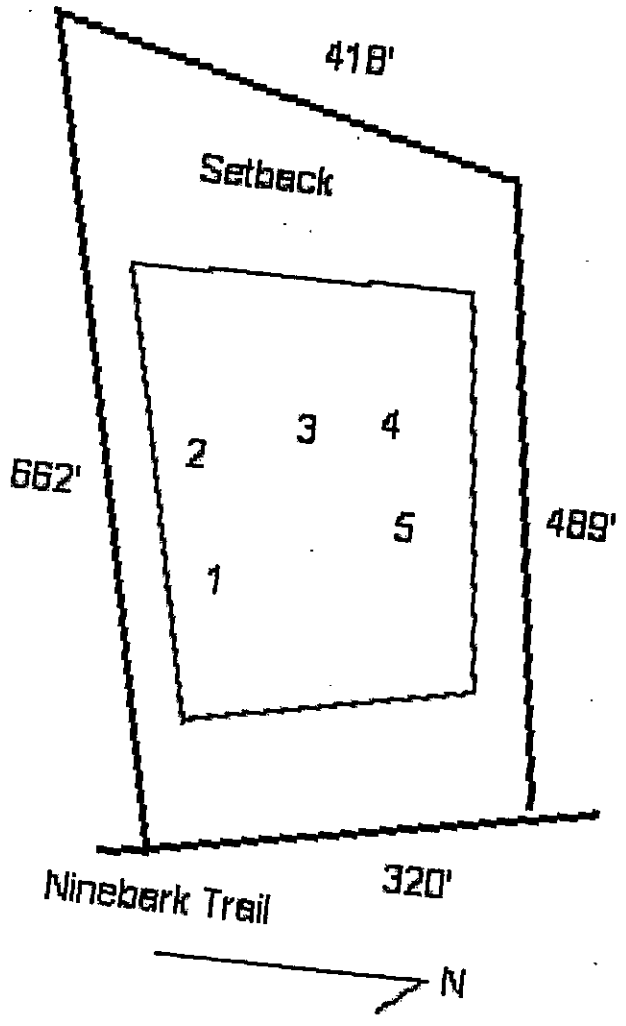
COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 – 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 – 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	SIC-SILTY CLAY	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE
SG-SINGLE GRAIN
M-MASSIVE
CR-CRUMB
GR-GRANULAR
SBK-SUBANGULAR BLOCKY
ABK-ANGULAR BLOCKY
PL-PLATY
PR-PRISMATIC

MINERALOGY
SLIGHTLY EXPANSIVE

EXPANSIVE



#713 NEW OWNER

GWS – RES. APP 07/05

SEPTIC FEE
DATE
CRT #

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

MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

WELL/GP
DATE
CRT #

FILE # _____

SEPTIC / TYPE APPLICATION: ☐ NONE ☒ NEW SYSTEM ☐ ALTERATION ☐ REPAIR ☐ MODIFY PLOT PLAN

WELL / TYPE APPLICATION: ☒ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

JOB LOCATION INFORMATION:

TAX/PARCEL #: 19937145
STREET ADDRESS: 12725 Nivebark Trail
CITY: Charlotte
STATE: NC ZIP: 28278
SUBDIVISION OR MOBILE HOME PARK NAME: The Sanctuary
LOT #: 12
TOWNSHIP:

☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☒ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☐ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

BUILDING INFORMATION:

TYPE OF BUILDING:

☐ SINGLE MOBILE HOME (S) ☐ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☒ HOUSE (H) ☐ OTHER

HEATED SQUARE FOOTAGE: 4798
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: N/A

FOUNDATION FOR RESIDENCE:

ONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:

NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
WILL THERE BE A HOME BUSINESS IN THE RESIDENCE? ☐ YES ☐ NO TYPE:

WATER SUPPLY:

☐ MUNICIPAL (M) ☒ PUBLIC (C) ☐ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

PROPOSED USE OF WELL: ☒ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.

BURIED CABLES, LANDFILLS, STUMPHOLES	☒ YES ☐ NO		WELLS, SPRINGS, OR WATER LINES	☐ YES	☒ NO
EXISTING WASTEWATER SYSTEMS	☐ YES	☒ NO	DESIGNATED WETLANDS	☐ YES	☒ NO
EASEMENTS OR RIGHT-OF-WAYS	☐ YES	☒ NO	GRADING/SOIL REMOVAL PERFORMED	☒ YES	☐ NO

PROPERTY OWNER:

NAME: Arcadia Homes, Inc.
ADDRESS: PO Box 471944
CITY: Charlotte
STATE: NC ZIP: 28247
HOME PHONE: WORK PHONE: 7048894663
MOBILE PHONE: FAX:

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? Deed November 29, 2004
WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY? August 2005 recorded Dec 1, 2004

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Michele Wild 7/25/05
Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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 the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature Date

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

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/19/05	**Amount:**	150.00
Receipt #:	35879	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: B84050
Contractor: ARCADIA HOMES INC
Attn:
Address: PO BOX 471941
Address:
City/State/Zip: CHARLOTTE, NC 28247-1941

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Auth for Waste Wtr Sys Constr 12725 NINEBARK TRAIL LOT #12		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
3,739.31	5,966.25				

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/19/05	**Amount:**	150.00
Receipt #:	35880	**Tendered:**	0.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	WALKEVA		

Account Information

Account #: B84050
Contractor: ARCADIA HOMES INC
Attn:
Address: PO BOX 471941
Address:
City/State/Zip: CHARLOTTE, NC 28247-1941

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Installation/Final Approval 12725 NINEBARK TRAIL LOT 12		1	150.00	150.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
3,889.31	5,966.25				

FEE: 200.00 + LC

DATE: 10/27/03 SC

APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

[ ] CRT

TYPE APPLICATION: ___ NEW SYSTEM ___ EXPANSION/ ALTERATION OF EXISTING SYSTEM ___ REPAIR OF EXISTING SYSTEM

NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT,
HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FILE #: 5428

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 199-521-01 PO

STREET ADDRESS: W/ Island Point Rd

SUBDIVISION OR MOBILE HOME PARK NAME: The Sanctuary at Lake Wylie, LLC

LOT NUMBER: 12

TYPE OF BUILDING (CHECK ONE):

___ SINGLE MOBILE HOME(S)
___ DOUBLE WIDE (D)
___ HOUSE (H)
___ MODULAR HOME (M)
___ MULTIPLE FAMILY (U)
___ OTHER (O)

TOWNSHIP (CHECK ONE):

✓ 0 MECKLENBURG
___ 1 CHARLOTTE
___ 2 DAVIDSON
___ 3 CORNELIUS
___ 4 PINEVILLE
___ 5 MATTHEWS
___ 6 HUNTERSVILLE
___ 7 MINT HILL

HEATED SQUARE FOOTAGE:

NUMBER OF BEDROOMS:

NUMBER OF OCCUPANTS:

CLOSING DATE _____

FOUNDATION FOR RESIDENCE:

___ WITHOUT BASEMENT
___ ON SLAB
___ CRAWL SPACE
___ WITH BASEMENT /PLUMBING
___ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: ___ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):

___ COMMUNITY (C)
___ SHARED WELL (S)
✓ MUNICIPAL (M)
___ OTHER 'SPRINGS' (O)
___ PRIVATE WELL (P)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES ___ YES ✓ NO
EXISTING WASTEWATER SYSTEMS ___ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS ✓ YES ___ NO
WELL, SPRINGS OR WATERLINES ___ YES ✓ NO
DESIGNATED WETLANDS ___ YES ✓ NO

PROPERTY OWNER:

NAME: (LAST) The Sanctuary at Lake Wylie, LLC (FIRST) (MI)

ADDRESS: 10933 Ballantyne Commons Pkwy

CITY: Charlotte STATE: NC ZIP: 28277

DAYTIME PHONE: 704 541-0201 ext 226

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) Jacobs (FIRST) Tony (MI) C

DAYTIME PHONE: 704 663-6905

m 704 582 9219

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? _____

An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. The undersigned, owner, or legal agent for the 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: Tony C Jacobs, CBS (AGENT) DATE: 10/23/03

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

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

Sheet: 1 377-45
Property ID: PO 199-621-01
Lot #: 12
File #: 5421B
Code: 1

ACS

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: The Sanctuary at Lake Wylie
Applicant: Toney Jacobs
Address: 10933 Ballantyne Crossing Ave., Charlotte, N. c. 28277
Date Evaluated: 12/19/2003
Proposed Facility: Residence
Design Flow (.1949): 840gpd
Property Size: 1a inv.
Location of Site: Ninebark Trail
Property Recorded:
Water Supply: [x] Public [ ] Individual [ ] 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	SOIL MORPHOLOGY .1941 .1941 Consistence Mineralogy	OTHER 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	>46" TO SOIL WETNESS	46	N/A	NONE	PS, IV .3GPD/FT^2
		3-39	SBK/C	FI/SEXP/S/P					
		39-46	SBK/CL	FR/SEXP/SS/SP					
2	"	0-4	GR/CL	"	>49" TO SOIL WETNESS	49	"	"	"
		4-49	SBK/ABK/C	FI/SEXP/S/P					
3	"	0-3	GR/CL	FR/SEXP/SS/SP	>48" TO SOIL WETNESS	48	"	"	"
		3-48	SBK/C	FI/SEXP/S/P					
4	"	0-3	GR/CL	FR/SEXP/SS/SP	"	"	"	"	"
		3-40	SBK/C	FI/SEXP/S/P					
		40-48	SBK/CL	FR/SEXP/SS/SP					
5	"	0-3	GR/CL	"	>49" TO SOIL WETNESS	49	"	"	"
		3-49	SBK/C	FI/SEXP/S/P					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)		
Site LTAR	.3GPD/FT^2	.3GPD/FT^2

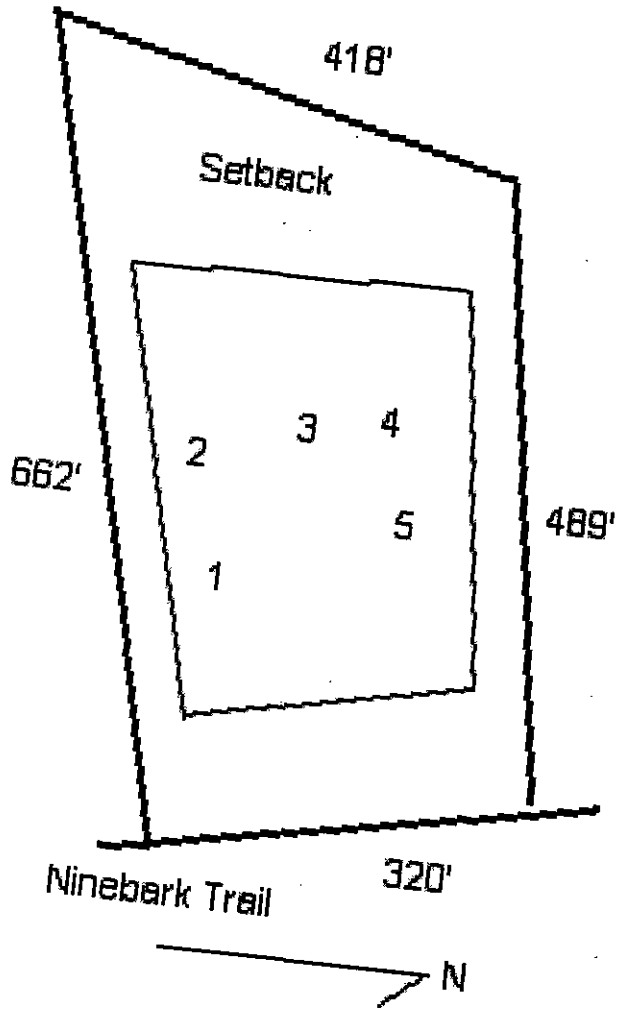
Other Factors (.1946): _____
Site Classification (.1948): PROVISIONALLY SUITABLE
Evaluated By: W. R. Marlin, LSS, 12/19/2003, W. R. Marlin
Others Present: P. Foster

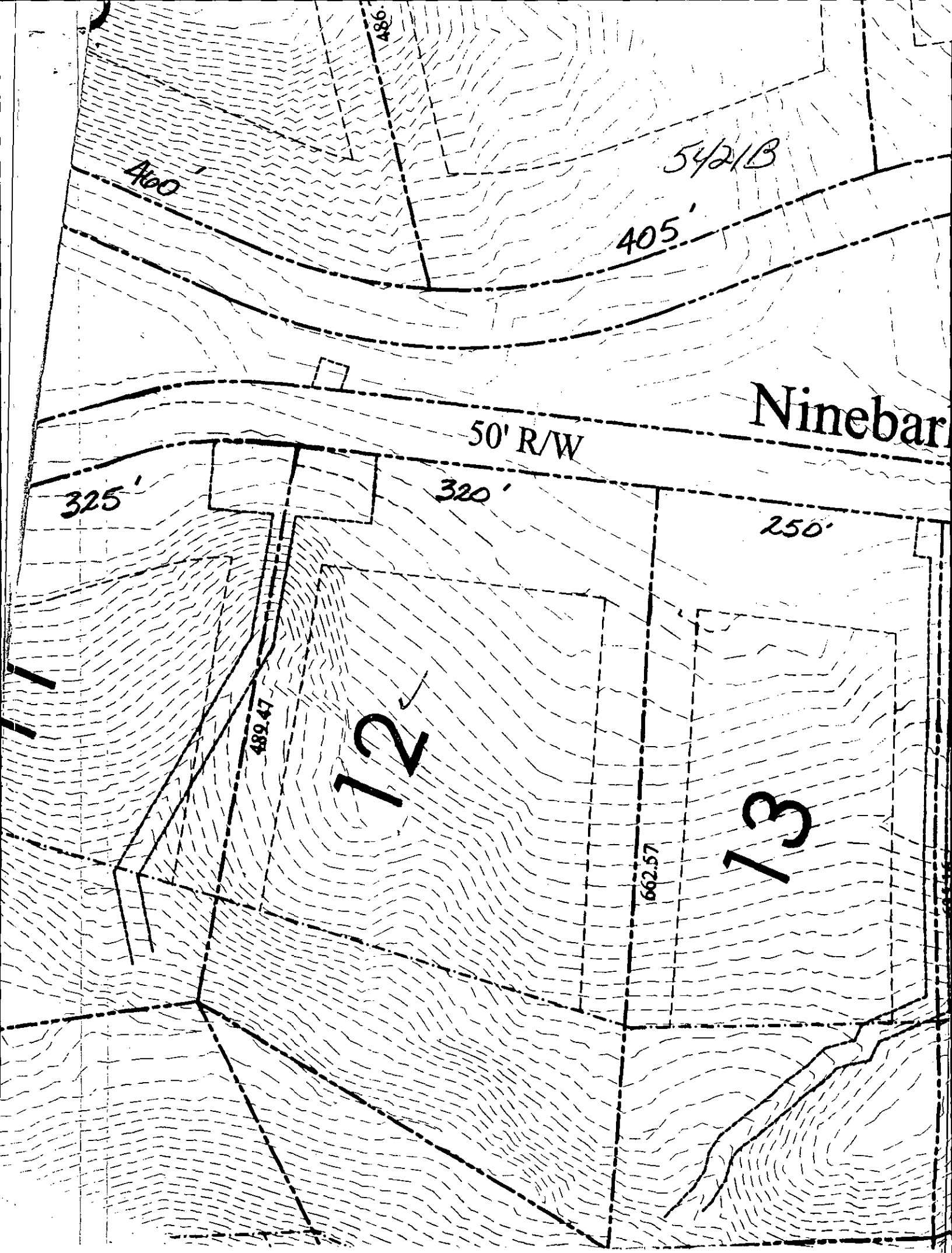
FILE # 5421B

COMMENTS: 100% repair

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8		
S-SHOULDER SLOPE		LS-LOAMY SAND		VFR-VERY FRIABLE	NS-NON-STICKY
L-LINEAR SLOPE				FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 – 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE				*EFI-EXTREMELY FIRM*	*NP-NON-PLASTIC*
CC-CONCLAVE SLOPE	III	SI-SILT-	0.6 – 0.3		SP-SLIGHTLY STICKY
CV-CONVEX SLOPE		SIL-SILT LOAM			P-PLASTIC
T-TERRACE		CL-CLAY LOAM			VP-VERY PLASTIC
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
		SICL-SILTY CLAY LOAM			
	IV	*SIC-SILTY CLAY*	0.4 – 0.1		
		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE	MINERALOGY
SG-SINGLE GRAIN	SLIGHTLY EXPANSIVE
M-MASSIVE	
CR-CRUMB	EXPANSIVE
GR-GRANULAR	
SBK-SUBANGULAR BLOCKY	
ABK-ANGULAR BLOCKY	
PL-PLATY	
PR-PRISMATIC	




486
400'
405'
54/2B
Ninebar
50' R/W
325'
320'
250'
489.47
12
13
662.57

PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: _____

TC: _____

Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. Accurately indicate property boundaries proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.

" See Attached "

OWNER/AGENT SIGNATURE

DATE 10/23/03

APPROVAL DATE _____

White - Health Department's Copy Canary - E.H.S. Copy Pink - Owner's Copy

N.C. Department of Environment and Natural Resources
Division of Environmental Health

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County	GROSS RESIDENCE	5221B
Health Department	**Name of Establishment**	**Permit/Project No.**
12725 NINEBARK TRAIL	RESIDENCE	480
Location	**Type of Establishment**	**Design Flow**
JORDAN AND DANA GROSS	12725 NINEBARK TRAIL	
Owner/Agent	**Address**	**Phone**
	CHARLOTTE NC 28278	
Operator	**Address**	**Phone**
IIIb	6/7/11	6/7/16
System Type	**Date of Inspection**	**Next Inspection Due**

	Yes	No	N/A	Comments:
1. ESTABLISHMENT:				
a. Type, size, and sewage flow in accordance with permit?	☒	☐	☐	
2. COLLECTION SYSTEM:				
a. No evidence of leaks into or out from sewer lines/manholes?	☒	☐	☐	
b. Free of blockages/solids buildup in lines or manholes?	☒	☐	☐	
3. TANKAGE: (Grease Traps/Lift Stations/Septic/Dosing Tanks)				
a. Tank risers accessible and surface water diverted?	☒	☐	☐	
b. Tanks and access manholes structurally sound, watertight?	☒	☐	☐	
c. Sanitary tee(s) in good working condition?.....	☐	☐	☒	3.c. Sanitary tee not inspected.
d. Tanks pumped, cleaned out as needed?.....	☒	☐	☐	
4. RAW SEWAGE LIFT STATION (if present):				
a. Required pumps present, operating, and cycling properly	☐	☐	☒	
b. High-water alarm present and operating properly?	☐	☐	☒	
c. Floats/pipe/valves/disconnects in good condition?	☐	☐	☒	
5. EFFLUENT DOSING SYSTEM:				
a. Effluent appears clear, free of excess solids?	☐	☐	☐	INACCESSIBLE
A. PUMP SYSTEMS:				
a. Required pumps present, operating, and cycling properly?	☐	☐	☐	INACCESSIBLE
b. High-water alarm present and operating properly?	☐	☐	☐	
c. Floats/pipe/valves/disconnects in good working condition?	☐	☐	☐	
d. Control panel enclosure/components in good condition?	☐	☐	☐	
e. Elapsed time readings: _____ _____ _____ _____				
B. SIPHON SYSTEMS:				
a. No evidence of overflow or siphon leakage?	☐	☐	☒	
b. Siphon(s) appear to be working/alternating properly?	☐	☐	☒	
c. Bells and vents free of debris and in good condition?	☐	☐	☒	

	Yes	No	N/A	Comments:
6. GROUND ABSORPTION FIELDS:				
a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	
b. Minimal ponding in subsurface trenches?	☒	☐	☐	
c. Surface water being effectively diverted away?	☒	☐	☐	
d. Diversions/ditches/swales/tiles drains properly maintained?	☒	☐	☐	
e. Line cover/vegetation adequate/maintained as needed?	☒	☐	☐	
f. Protected from traffic, destructive uses?	☒	☐	☐	
g. Distribution devices in good condition, working properly?	☒	☐	☐	
h. Repair area properly reserved, maintained?	☒	☐	☐	
A. LOW PRESSURE PIPE DRAIN FIELDS:				
a. Turnups/cleanouts/valves intact and accessible?	☐	☐	☒	
b. No effluent standing in lower laterals?	☐	☐	☒	
c. Laterals free of excess solids, cleaned out as needed?	☐	☐	☒	
d. Pressure head is properly adjusted?	☐	☐	☒	

OVERALL CONDITION AND OPERATION OF SYSTEM:
GOOD

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

***REPAIR WITHIN DAYS.**

SYSTEM MAINTENANCE/IMPROVEMENTS REQUIRED:
*The MCHD recommends having the tanks (septic & dosing) pumped out every 3 to 5 years to remove excess solids.
*Please visit http://groundwater.charmeck.org for additional information.

DATE: 6/7/11

SIGNED: Philo Walker RS AGENT
Division of Environmental Health

Printed Name: PHILO WALKER RS
Phone #: 704-336-5570

Print Close

Real Estate Lookup

Parcel Information

Parcel ID	Account	Parent	Previous
19937145	INDIVIDUAL		19937145

Owner(s)

Owner Name	Mailing Address	City/State
GROSS JORDAN	12725 NINEBARK TRAIL	CHARLOTTE NC 28278
GROSS DANA WIFE	12725 NINEBARK TRAIL	CHARLOTTE NC 28278

Legal Information

Legal	Municipality	Annexed	Special District	Fire District	Acreage
L12 M42-619	MECKLENBURG COUNTY-UNINCORPORATED		FIRE SERVICE A	STEELE CREEK #2	4.64

Total Parcel Assessment & Exemptions

Building	Land	Features	Total	Exemption	Year Approved	Review Date	Amount
1043500	302300	0	1345800				

Sales Information

Sale	Price	Stamps	Qualify	V/I	DeedBook	Type	Legal Ref.	Grantor
Jun 9 2006	1524500	3049.0000		IMP	20571 - 915	WARRANTY D	20571-915	ARCADIA HOMES INC,
Dec 1 2004			MULTIPARCEL	IMP	18065 - 686	MULT LISTING	18065-686	

Land Use

Use	Units	Type	Neighborhood	Assessment
R120	4.64	AC	T916	302300

Building Information

Bldg	Description	Type	Year Built	Property Location
1	Single-Fam	RES	2005	12725 NINEBARK TL UNINC

Bldg	Story	Units	Total SqFt	Heated	Foundation	Ext. Wall	Grade	Value
1	2.0 STORY	1	7084	5631	CRAWL SPACE	FACE BRICK - STONE	EXCELLENT 06	1043500

Bldg	Heat	Fuel	FirePlace	AC	Fixtures	Bedrooms	Full Baths	3/4 Baths	1/2 Baths
1	AIR-DUCTED	GAS	2 - FP2	AC-CENTRAL		4	3		1

Sub Areas

Bldg	Description	Size
1	PORCH - OPEN - FINISHED	323
1	UPPER STORY - FINISHED	2725
1	PORCH - SCREENED - FINISHED	285
1	BASE (FIRST FLOOR)	2906
1	PORCH - OPEN - FINISHED	33
1	GARAGE - FINISHED	812

Depreciation

Bldg	Physical	Functional	Economic	Special	Override
1	AV - 6.00%				

Notes

Tax Year	Notes	Note Date

Special Features & Yard Items

Bldg	Built	Type	Quantity	Units	Value

Value Changes

Notice Date	Tax Year	Reason	Changed To	Deferred
Feb 8 2011	2011	Countywide Revaluation	1345800	0
Apr 27 2007	2007	Imp/Addn/Remod Completed for Tax Year	1092800	0
Apr 27 2007	2007	Improvement/Addition/Remodeled Completed	1092800	0
Apr 11 2006	2006	Bldg/Addn/Remod/Partially Completed	759100	0
Apr 11 2006	2006	Building Partially Complete	759100	0
Jul 7 2005	2005	Division of Land and/or New Parcel	247300	0
Jul 7 2005	2005	Division of Real Estate and/or New Parce	247300	0

Building Photography

Return to Parcel Ownership Summary

PHOTO #1
Location: 12725 NINEBARK TL



Information contained within this web site may be used as a visual aid and to generally locate, identify, and inventory parcels in Mecklenburg County, North Carolina. There are inherent errors and limitations associated with this type of electronic medium. Mecklenburg County cannot warrant or guarantee the information contained herein including but not limited to its accuracy or completeness.