

15929 BAYSHORE DR

00101457

7/28/08

marliwr

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

15929 BAYSHORE DR.

FAX:

TO:

BOB SADI

001-014-57 15688

WANTS COPY OF REPAIR PERMIT

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources
Groundwater & Wastewater Services

Fax Coversheet

****NOTICE****

The information contained in this fax may be privileged and/or confidential and is intended only for the use of the person to who it is addressed. If the reader of this message is not the intended recipient (or such recipient's employee or agent), you are hereby notified not to read, distribute, or copy the materials attached hereto without the prior written consent of the sender. If you have received this fax in error, please notify the sender by telephone call and return the original to us by mail and you will be reimbursed for the required postage. Thank you.

To: BOB SIDI Fax #: 704 895 1545

Phone #: _____

From: DAVID CORNELIUS Date: _____

Number of pages transmitted: _____ (including coversheet)

Comments: 15929 BAYSHORE DR

If you do not receive all pages of this fax please call (704) 336-5103.

☐ Original will not follow

☐ Original will follow via: ☐ U.S. Mail ☐ Hand Delivery ☐ _____

700 North Tryon Street • Suite 211 • Charlotte, North Carolina 28202-2236
Office #: (704) 336-5103 • Fax #: (704) 336-6894

CERTIFICATE OF COMPLETION/OPERATION PERMIT

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 15688 DATE: 7/18/00

TC: _____ ☒ L ☐ CRT

SERIAL Nº 18122

Name of Owner Bob Sidi Juris.: _____

Address of Property 15929 Bayshore Dr

Inspection Data:

Tank Material Existing

Total Length of Drainfield 210'

Number of Lines 6 @ 35'

Cover Depth 12"

Water Supply Source well

Distance to Water Source >50'

Excavation Inspected 7/7/00

Tank(s) Inspected Existing

Wash Line Inspected plumb to tank

High Water Alarm Inspected 7/18/00

Installed According to plan Submitted (pump replaced)

PLOT

Design 2000, Repair, PI, 630SFT, 24" stone CTR# Orbison Sept. i

The undersigned has inspected the Septic Tank System described above, ~~and certifies~~ it has been

☐ installed or constructed ☒ altered or repaired

☒ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of I5A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ 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 I5A NCAC 18A. 1990 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/revocation of this permit.

COMMENTS: Repair to the Existing System, Replaced pump, system installed in accordance with approved plan

Phillip S. Walker RS.

Environmental Health Specialist

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

MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Groundwater & Wastewater Services

July 24, 2006

Robert Sidi
15929 Bayshore Drive
Huntersville, NC 28078

Dear Mr. Sidi:

Re: Bacteriological Well Resample Results

Enclosed you should find a copy of the laboratory analysis of the well water sample that was collected at 15929 Bayshore Drive on July 18, 2006. The laboratory analysis of the well water sample was reported to be **ABSENT** for Total Coliform and E. COLI-PA bacteria. It is recommended that you perform an annual bacteriological analysis for your private well.

I am also including a copy of the septic system inspection report for your review. Please review the report carefully and address any items that require attention.

Thanks again for your cooperation with the septic inspection and well sampling programs. If you have questions or need assistance with your septic system or private well please contact our office at (704) 336-5103.

Sincerely,

Trevor Thomason, R.S.
Sr. Environmental Specialist

Enclosures (2):

700 North Tryon Street • Suite 211• Charlotte, North Carolina 28202 • (704) 336-5103 • Fax (704) 336-6894
http://groundwater.charmeck.org

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

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County	Sidi Residence	15688
Health Department	**Name of Establishment**	**Permit/Project No.**
15929 Bayshore Dr., Huntersville NC	3-Bedroom House	360 GPD
Location	**Type of Establishment**	**Design Flow**
Robert Sidi	Same as location address	(704) 875-2292
Owner/Agent	**Address**	**Phone**
Unknown		
Operator	**Address**	**Phone**
IV	07/18/2006	July 2009
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?	☒	☐	☐	3.b. Dosing tank riser damaged.
c. Sanitary tee(s) in good working condition?.....	☐	☐	☒	3.c. Tee not inspected (no access).
d. Tanks pumped, cleaned out as needed?.....	☐	☒	☐	3.d. Recommend pumping tanks.
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?	☐	☒	☐	5.a. Measured ave. 8"of solids in the dosing tank.
A. PUMP SYSTEMS:				
a. Required pumps present, operating, and cycling properly?	☒	☐	☐	
b. High-water alarm present and operating properly?	☐	☒	☐	5.A.b. Alarm mounted indoors.
c. Floats/pipe/valves/disconnects in good working condition?	☒	☐	☐	
d. Control panel enclosure/components in good condition?	☒	☐	☐	5.A.d. No duct seal in conduit.
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?	☐	☐	☒	

6. GROUND ABSORPTION FIELDS:

a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	6. Drainfield located in easement
b. Minimal ponding in subsurface trenches?	☒	☐	☐	on Lot #16.
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?	☐	☒	☐	6.A.a. Turnups not located.
b. No effluent standing in lower laterals?	☒	☐	☐	*Damaged manifold box.
c. Laterals free of excess solids, cleaned out as needed?	☐	☐	☒	6.A.c.d. Serivces to be performed
d. Pressure head is properly adjusted?	☐	☐	☒	by a Certified Operator.

OVERALL CONDITION AND OPERATION OF SYSTEM:

1. System requires service by a Certified Operator at this time.
2. No sewage observed on ground surface at time of inspection.

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

1. This type of septic systems requires that you maintain a service contract with a Certified Operator. From the inspection, it appears that the system is NOT being properly maintained. Have system serviced by a Certified Operator. Repair/replace damaged manifold & valve boxes.
2. Pump both tanks (septic & doing) to remove excess solids. Clean both effluent filters.
3. Verify that the high water alarm is functioning properly.

***REPAIR WITHIN 30 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: 07/18/2006

SIGNED: _____ R.S. AGENT

Division of Environmental Health

Trevor Thomason, (704) 336-5568

CHARLOTTE.

Laboratory Analysis Report
Report Date: 7/21/2006 04:19 PM

LABORATORY SERVICES DIVISION

LOCATION: G-15688
LOC ID: G-PME
SAMPLE DATE-TIME: 7/18/2006 10:25
CHAIN OF CUSTODY #: 06070342
SAMPLE DESCRIPTION: Grab

	Parameter	Result	Units	RL	Method	Start Date/ Time	Analyst
AB79857	E. COLI-PA	absent	P/A		SM 9223B	7/18/2006 11:48	KEK
AB79857	Total Coliform	absent	P/A		SM 9223B	7/18/2006 11:48	KEK

Comment:

Laboratory Supervisor: Keith Orrell (MR)

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE-MECKLENBURG UTILITIES - LABORATORY SERVICES DIVISION

Hal Marshall Laboratory, 700 North Tryon St., Charlotte, NC 28202, 704/336-5460

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

CLIENT:	**Mecklenburg County, LUESA - Groundwater & Wastewater Services**
FACILITY:	Groundwater **(Potable Water) Sidi** Residence
ADDRESS:	15929 Bayshore Dr. Huntersville NC 28078
LAB CODE:	REAL PRIV NEW TNC MPL (PME) AMB LM OTHER

Send Report To:
Trevor Thomason
700 N. Tryon St., Suite 211
Charlotte, NC 28202

COC#: 060703425

Sampled By (Print Name)
Trevor Thomason

SAMPLE ID	Sample Collector's Initials	Sample Collection: Begin Date and Time	Sample Collection: End Date and Time	Chlorinated System: Y or N	Sample Temperature: Collection Temp °C	Sample Temperature: Receipt Temp °C	Sample Type: Depth Composite	Sample Type: Auto Composite	Sample Type: Hand Comp	Sample Type: Grab	Sample Containers: Plastic	Sample Containers: Glass	Sample Containers: # Containers	Chemical Preservative: None	HNO3	H2SO4	NaOH	HCl	Na2S2O3	pH Correct	Analyses Requested: Total Coliform
AB75857 G-15688	TG	7/18/06 10:25	N/A N/A	N	N/A					X	100 ml		2						X		X

Instructions:

Complete all yellow shaded sections

For each parameter requested circle the X to verify your request.

Nutrients include: Ammonia, TKN, Total Phosphorus, Nitrate/Nitrite

Metals: Itemize the individual metals requested here -

For Composite samples record the autosampler Begin date/time and End date/time, for Grab samples record the collect time as the Begin date/time only.

Blue is for lab use only

Comments: **3-DAY TAT REQUESTED**

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
	Kevin Adcock	7/18-06	1145
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time
Relinquished By: (Signature)	Received By: (Signature)	Date	Time

Form Revision 07; effective 02/16/2006

Lab Codes: REAL=Real Estate, PRIV=Private Well, NEW=New Permitted Well, TNC=Transient Non-Community, AMB=Ambient, LM=Landfill

Mecklenburg County, North Carolina
POLARIS
Parcel Ownership and GIS Summary

15688

Date and Time: 6/19/2006 8:59:01 AM

Parcel ID #: 00101457 GIS ID #: 00101457	
Owner Name:	ROBERT A SIDI AND (TR/ ELIZABETH SIDI F/T)
Mailing Address:	15929 BAYSHORE DR HUNTERSVILLE, NC 28078
Property Characteristics	
Legal Desc.:	P13 B1 M19-3
Land Area:	1 WF
Fire District:	23-GILEAD
Special District:	FIRE SERVICE D
Account Type:	INDIVIDUAL
Municipality:	6-HUNTERSVILLE
Property Use:	SINGLE-FAM
Deed Reference(s) and Sales Price	
08501-136 (3/20/1996) $0.00	
Situs Addresses Tied to This Parcel	
15929 BAYSHORE DR	
Site Location Information	
Zoning Boundaries:	Contact Appropriate Planning Department or See Map.
ETJ Area: HUNTERSVILLE	
Charlotte Historic Districts: NO	
Within Charlotte 6/30/2005 Annexation Area: NO	
Census Tract #: 62.04	
Parcel Falls Inside SWIM Buffer?: YES	
FEMA Flood Information	
FEMA Panel #:	370478045E
FEMA Flood Zone:	IN:VIEW FEMA FLOODPLAIN TO VERIFY
FEMA Panel Date:	02/04/2004
Community Flood Information	
Community Flood Zone:	OUT
Regulated Watershed Information	
Watershed Name:	Lake Norman
Watershed Class:	CA

Building Photography

PHOTO #1
Location: 15929 BAYSHORE DR



Information contained within this photo 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.

Powered by

MECKLENBURG COUNTY GIS

The information provided by this program is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, and other public records and data. Users of this map data are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/29/06	**Amount:**	85.00
Receipt #:	44680	**Tendered:**	85.00
Check / Auth #:	CHECK 3021	**Returned:**	0.00
Received By:	AIDOOJK		

Account Information

Account #:	200000
Contractor:	SIDI ROBERT R.
Attn:	
Address:	15929 BAY SHORE DRIVE
Address:	
City/State/Zip:	HUNTERSVILLE, NC 28078

Item	Description	Permit#	Quantity	Unit Price	Total Price
0743	Hmeownr Maint Inspec-Type IIIB FILE 15688/7048752292		1	85.00	85.00

Outstanding Balances

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

1. RISER CONC. DAMAGED
2. AVE 8" SOLIDS IN PT
3. ALARM INDOORS NOT AUDIBLE AT TEST.
4. ~~SE~~ EFF FILTER IN PT / SERVICE
5. DAMAGED MANIFOLD BOX
6. TRANS UPS NOT LOCATED → SERVICE BY A CO.

(D-FIELD ON LOT #16)

WELL SAMPLED

#346

10-3-82

106'
190'
15'
12 GPM

7-18-06
10:25 a
WELL HEAD

Serial No. 5953

ICAR(S) Permit No 15688

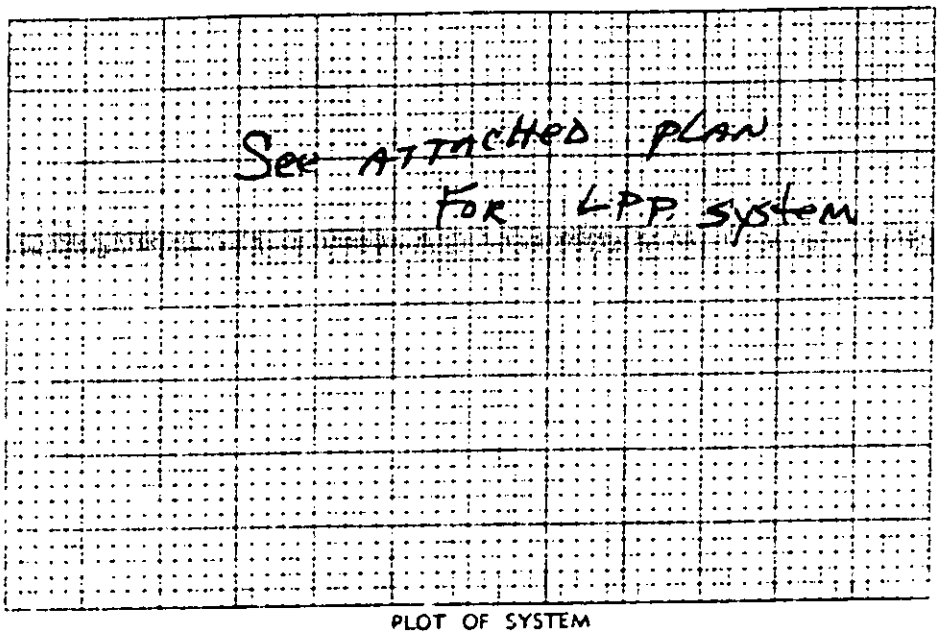
T C No 001-014-57

Map Date

Date Issued 2-1-83

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
INSTALLATION, CONSTUCTION, ALTERATION, AND/OR REPAIR PERMIT
(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Permission is hereby given to ✓ Install or Construct, ____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in application 15688, dated 7-23-82 and this permit shall be void and of no effect if the information provided in the application is not true or is erroneous. All work shall be completed on or before 3-1-83, after which date this permit shall be null and void.



PLOT OF SYSTEM

Permeability Rate P.S.

Liquid Capacity of Tank 1520 gal + 800 gal Lift

Tank Construction p/c concrete

Absorption Area/or Nitrification Lines

Total Line Length 400'

Number of Lines 10

Distance from House 72.00'

Distance from Property Line 710'

Distance from Well 7100'

NAME OF OWNER Robert R. Sidi

LOCATION OF PROPERTY 15929 Bay Shore DR.

The system shall meet all of the construction requirements as set forth in the Regulations of the Mecklenburg County Health Commission which are in effect on the date of the granting of this permit. A certificate of approval must be issued by the Environmental Health Director before any system can be covered up or otherwise rendered uninspectable or can be used. 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

10-40 ft long x 6" wide x 12" stone trenches

Comments:

Division or Section Head

Environmentalist

* If this permit is for the installation or construction of a new system, it must be signed by the division or section head of the Department of Environmental Health in order to be valid. Only the signature of the Environmentalist is required where an existing system is being altered or repaired.

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

Cert. No. 15688

Date Issued 3-11-83 **Serial** 5649 T.C. No. 001-014-57

MECKLENBURG COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH

CERTIFICATE OF COMPLETION

CERTIFICATE OF APPROVAL

(Individual Septic Tank System with Subsurface, Soil Absorption, Effluent Discharge)

Name of Owner Sidi (LAST) Robert (FIRST) R. (MIDDLE)

Location of Property 15929 Bay Shore DR

Application Number 15688 Permit Number 15688

Inspection Data:

Liquid Capacity of Tank 1500 + 1000 gal Tank Material p/c concrete

Total Length of Drain Tile 400' Number of Lines 10

Depth of Filter Material 12" Cover Depth 1 ft

Water Supply Source well Distance from Water Source 750'

Excavation Inspected — (DATE) Tank Inspected 3-11-83 (DATE)

Nitrification Field Inspected 3-11-83 (DATE)

Washing Machine Line Inspected, If Applicable — (DATE)

The undersigned has inspected the Individual Septic Tank System with subsurface, soil absorption, effluent discharge as described above and it has been ✓ installed or constructed, _____ altered or repaired in accordance with the permit issued and the regulations of the Mecklenburg County Health Commission in effect on the date of issuance of the permit. The issuance of this Certificate of Approval 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 Certificate of Approval is issued subject to those restrictions and conditions shown on the permit(s) in addition to those listed below under comments. This Certificate of Approval 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.

Comments LPP system set to 2 ft pressure head
complete the grading + seeding over nitrification
field

Environmentalist R Phelps

EHD-5-76

ENVIRONMENTAL HEALTH DEPARTMENT'S COPY

DEPARTMENT OF TRANSPORTATION

BY: _____
DIVISION ENGINEER

ATTEST OR WITNESS:

_____

_____

_____

_____ (Robert R. Sibi)

_____

_____

Second Party

INSTRUCTIONS

When the applicant is a corporation or a municipality, this agreement must have the corporate seal affixed and be attested by the corporation secretary or by the empowered city official, unless a waiver of corporate seal and attestation by the secretary or by the empowered City official is on file in the Raleigh office of the Manager of Right of Way. In the space provided on this agreement for execution, the name of the corporation or municipality shall be typed above the name and title of all persons signing the agreement should be typed directly below their signature.

This agreement must be accompanied, in the form of an attachment, by plans or drawings showing the following applicable information:

1. All roadways and ramps
2. Right of way lines and where applicable, the control of access lines
3. Location of the existing and/or proposed encroachment
4. Length, size and type of encroachment
5. Method of installation
6. Dimensions showing the distance from the encroachment to edge of pavement, shoulders, structures, etc.
7. Location by highway survey station number. If station number cannot be obtained, location should be shown by distance from some identifiable point, such as a bridge, road, intersection, etc. (To assist in preparation of the encroachment plan, the Department's roadway plans may be seen at the various Highway Division Offices, or at the Raleigh office.)
8. Drainage structures or bridges if affected by encroachment (show vertical and horizontal dimensions from encroachment to nearest part of structure)
9. Method of attachment to drainage structures or bridges.
10. Manhole design
11. On underground utilities, the depth of bury under all traveled lanes, shoulders, ditches, sidewalks, etc.
12. Length, size and type of encasement where required.
13. On underground crossings, notation as to method of crossing - boring and jacking, open cut, etc.
14. Location of vents

GENERAL REQUIREMENTS

1. Any attachment to a bridge or other drainage structure must be approved by the Head of Structure Design in Raleigh prior to submission of encroachment agreement to the Division Engineer.
2. All crossings should be as near as possible normal to the centerline of the highway.
3. Minimum vertical clearances of overhead wires and cables above all roadways must conform to clearances set out in the National Electric Safety Code.
4. Encasements shall extend from ditch line to ditch line in cut sections and 5' beyond toe of slopes in fill sections.
5. All vents should be extended to the right of way line or as otherwise required by the Department
6. All pipe encasements as to material and strength shall meet the standards and specifications of the Department
7. Any special provisions or specifications as to the performance of the work or the method of construction that may be required by the Department must be shown on a separate sheet attached to encroachment agreement provided that such information cannot be shown on plans or drawings.
8. The Department's Division Engineer should be given notice by the applicant prior to actual starting of installation included in this agreement.

15688

ROUTE SR 2330 PROJECT N/A STATE OF NORTH CAROLINA COUNTY OF Mecklenburg

DEPARTMENT OF TRANSPORTATION

-AND-

Robert R. Sidi

2246 Lock Reserve Drive, Richmond VA 23236

RIGHT OF WAY ENCROACHMENT AGREEMENT

PRIMARY AND SECONDARY HIGHWAYS

THIS AGREEMENT, made and entered into this the 20 day of August, 19 86, by and between the Department of Transportation, party of the first part; and Robert R. Sidi party of the second part,

WITNESSETH:

THAT WHEREAS, the party of the second part desires to encroach on the right of way of the public road designated as Route SR 2330, located off NC 73 Reames Ford Road with the construction and/or erection of 2" Diameter PVC SEPTIC LINE, 5 feet from paved surface, 2 foot ground cover from lot 13 to lot 16

WHEREAS, it is to the material advantage of the party of the second part to effect this encroachment, and the party of the first part in the exercise of authority conferred upon it by statute, is willing to permit the encroachment within the limits of the right of way as indicated, subject to the conditions of this agreement;

NOW, THEREFORE, IT IS AGREED that the party of the first part hereby grants to the party of the second part the right and privilege to make this encroachment as shown on attached plan sheet (s)., specifications and special provisions which are made a part hereof upon the following conditions, to wit:

That the installation, operation, and maintenance of the above described facility will be accomplished in accordance with the party of the first part's latest POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS-OF-WAY, and such revisions and amendments thereto as may be in effect at the date of this agreement. Information as to these policies and procedures may be obtained from the Division Engineer or State Utility Agent of the party of the first part.

upon it by statute, is willing to permit the encroachment within the limits of the right of way as indicated, subject to the conditions of this agreement;

NOW, THEREFORE, IT IS AGREED that the party of the first part hereby grants to the party of the second part the right and privilege to make this encroachment as shown on attached plan sheet (s), specifications and special provisions which are made a part hereof upon the following conditions, to wit:

That the installation, operation, and maintenance of the above described facility will be accomplished in accordance with the party of the first part's latest POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHT-OF-WAY, and such revisions and amendments thereto as may be in effect at the date of this agreement. Information as to these policies and procedures may be obtained from the Division Engineer or State Utility Agent of the party of the first part.

That the said party of the second part binds and obligates himself to install and maintain the encroaching facility in such safe and proper condition that it will not interfere with or endanger travel upon said highway, nor obstruct nor interfere with the proper maintenance thereof, to reimburse the party of the first part for the cost incurred for any repairs or maintenance to its roadways and structures necessary due to the installation and existence of the facilities of the party of the second part, and if at any time the party of the first part shall require the removal of or changes in the location of the said facilities, that the said party of the second part binds himself, his successors and assigns, to promptly remove or alter the said facilities, in order to conform to the said requirement, without any cost to the party of the first part.

That the party of the second part agrees to provide during construction and any subsequent maintenance proper signs, signal lights, flagmen and other warning devices for the protection of traffic in conformance with the latest Manual on Uniform Traffic Control Devices for Streets and Highways and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the Division Engineer of the party of the first part.

That the party of the second part hereby agrees to indemnify and save harmless the party of the first part from all damages and claims for damage that may arise by reason of the installation and maintenance of this encroachment.

That the party of the second part agrees to restore all areas disturbed during installation and maintenance to the satisfaction of the Division Engineer of the party of the first part. The party of the second part agrees to exercise every reasonable precaution during construction and maintenance to prevent eroding of soil; silting or pollution of rivers, streams, lakes, reservoirs, other water impoundments, ground surfaces or other property; or pollution of the air. There shall be compliance with applicable rules and regulations of the North Carolina Division of Environmental Management, North Carolina Sedimentation Control Commission, and with ordinances and regulations of various counties, municipalities and other official agencies relating to pollution prevention and control. When any installation or maintenance operation disturbs the ground surface and the existing ground cover, the party of the second part agrees to remove and replace the sod or otherwise reestablish the grass cover to meet the satisfaction of the Division Engineer of the party of the first part.

That the party of the second part agrees to assume the actual cost of any inspection of the work considered to be necessary by the Division Engineer of the party of the first part.

That the party of the second part agrees to have available at the construction site, at all times during construction, a copy of this agreement showing evidence of approval by the party of the first part. The party of the first part reserves the right to stop all work unless evidence of approval can be shown.

Provided the work contained in this agreement is being performed on a completed highway open to traffic; the party of the second part agrees to give written notice to the Division Engineer of the party of the first part when all work contained herein has been completed. Unless specifically requested by the party of the first part, written notice of completion of work on highway projects under construction will not be required.

That in the case of noncompliance with the terms of this agreement by the party of the second part, the party of the first part reserves the right to stop all work until the facility has been brought into compliance or removed from the right of way at no cost to the party of the first part.

That it is agreed by both parties that this agreement shall become void if actual construction of the work contemplated herein is not begun within one (1) year from the date of authorization by the party of the first part unless written waiver is secured by the party of the second part from the party of the first part.

During the performance of this contract, the second party, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor"), agrees as follows:

a. Compliance with Regulations: The contractor shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the U. S. Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

upon it by statute, is willing to permit the encroachment within the limits of the right of way as indicated, subject to the conditions of this agreement;

NOW, THEREFORE, IT IS AGREED that the party of the first part hereby grants to the party of the second part the right and privilege to make this encroachment as shown on attached plan sheet (s), specifications and special provisions which are made a part hereof upon the following conditions, to wit:

That the installation, operation, and maintenance of the above described facility will be accomplished in accordance with the party of the first part's latest POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHT-OF-WAY, and such revisions and amendments thereto as may be in effect at the date of this agreement. Information as to these policies and procedures may be obtained from the Division Engineer or State Utility Agent of the party of the first part.

That the said party of the second part binds and obligates himself to install and maintain the encroaching facility in such safe and proper condition that it will not interfere with or endanger travel upon said highway, nor obstruct nor interfere with the proper maintenance thereof, to reimburse the party of the first part for the cost incurred for any repairs or maintenance to its roadways and structures necessary due to the installation and existence of the facilities of the party of the second part, and if at any time the party of the first part shall require the removal of or changes in the location of the said facilities, that the said party of the second part binds himself, his successors and assigns, to promptly remove or alter the said facilities, in order to conform to the said requirement, without any cost to the party of the first part.

That the party of the second part agrees to provide during construction and any subsequent maintenance proper signs, signal lights, flagmen and other warning devices for the protection of traffic in conformance with the latest Manual on Uniform Traffic Control Devices for Streets and Highways and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the Division Engineer of the party of the first part.

That the party of the second part hereby agrees to indemnify and save harmless the party of the first part from all damages and claims for damage that may arise by reason of the installation and maintenance of this encroachment.

That the party of the second part agrees to restore all areas disturbed during installation and maintenance to the satisfaction of the Division Engineer of the party of the first part. The party of the second part agrees to exercise every reasonable precaution during construction and maintenance to prevent eroding of soil; silting or pollution of rivers, streams, lakes, reservoirs, other water impoundments, ground surfaces or other property; or pollution of the air. There shall be compliance with applicable rules and regulations of the North Carolina Division of Environmental Management, North Carolina Sedimentation Control Commission, and with ordinances and regulations of various counties, municipalities and other official agencies relating to pollution prevention and control. When any installation or maintenance operation disturbs the ground surface and the existing ground cover, the party of the second part agrees to remove and replace the sod or otherwise reestablish the grass cover to meet the satisfaction of the Division Engineer of the party of the first part.

That the party of the second part agrees to assume the actual cost of any inspection of the work considered to be necessary by the Division Engineer of the party of the first part.

That the party of the second part agrees to have available at the construction site, at all times during construction, a copy of this agreement showing evidence of approval by the party of the first part. The party of the first part reserves the right to stop all work unless evidence of approval can be shown.

Provided the work contained in this agreement is being performed on a completed highway open to traffic; the party of the second part agrees to give written notice to the Division Engineer of the party of the first part when all work contained herein has been completed. Unless specifically requested by the party of the first part, written notice of completion of work on highway projects under construction will not be required.

That in the case of noncompliance with the terms of this agreement by the party of the second part, the party of the first part reserves the right to stop all work until the facility has been brought into compliance or removed from the right of way at no cost to the party of the first part.

That it is agreed by both parties that this agreement shall become void if actual construction of the work contemplated herein is not begun within one (1) year from the date of authorization by the party of the first part unless written waiver is secured by the party of the second part from the party of the first part.

During the performance of this contract, the second party, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor"), agrees as follows:

a. Compliance with Regulations: The contractor shall comply with the Regulations relative to nondiscrimination in federally-assisted programs of the U. S. Department of Transportation, Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.

b. Nondiscrimination: The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.

c. Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.

d. Information and Reports: The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Department of Transportation or the Federal Highway Administration to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the Department of Transportation, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

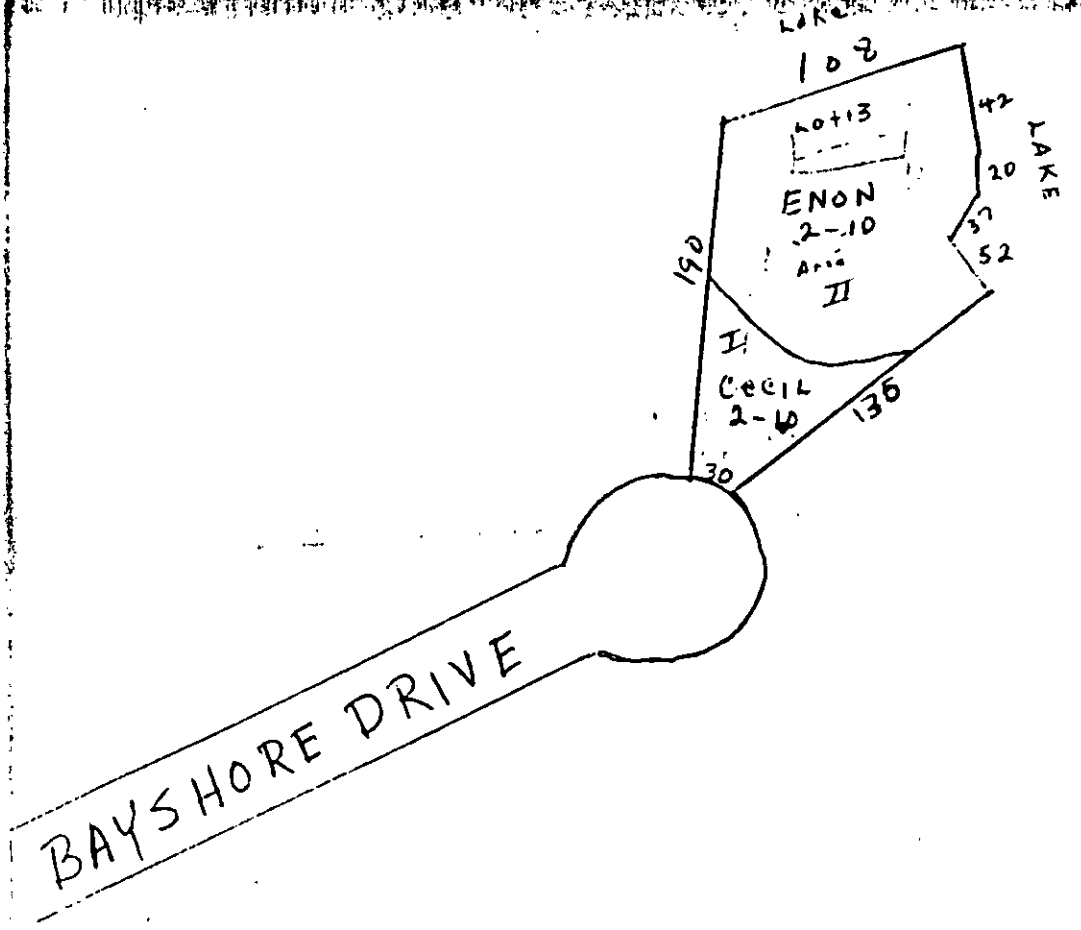
e. Sanctions for Noncompliance: In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract the Department of Transportation shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to,

(1) withholding of payments to the contractor under the contract until the contractor complies, and/or

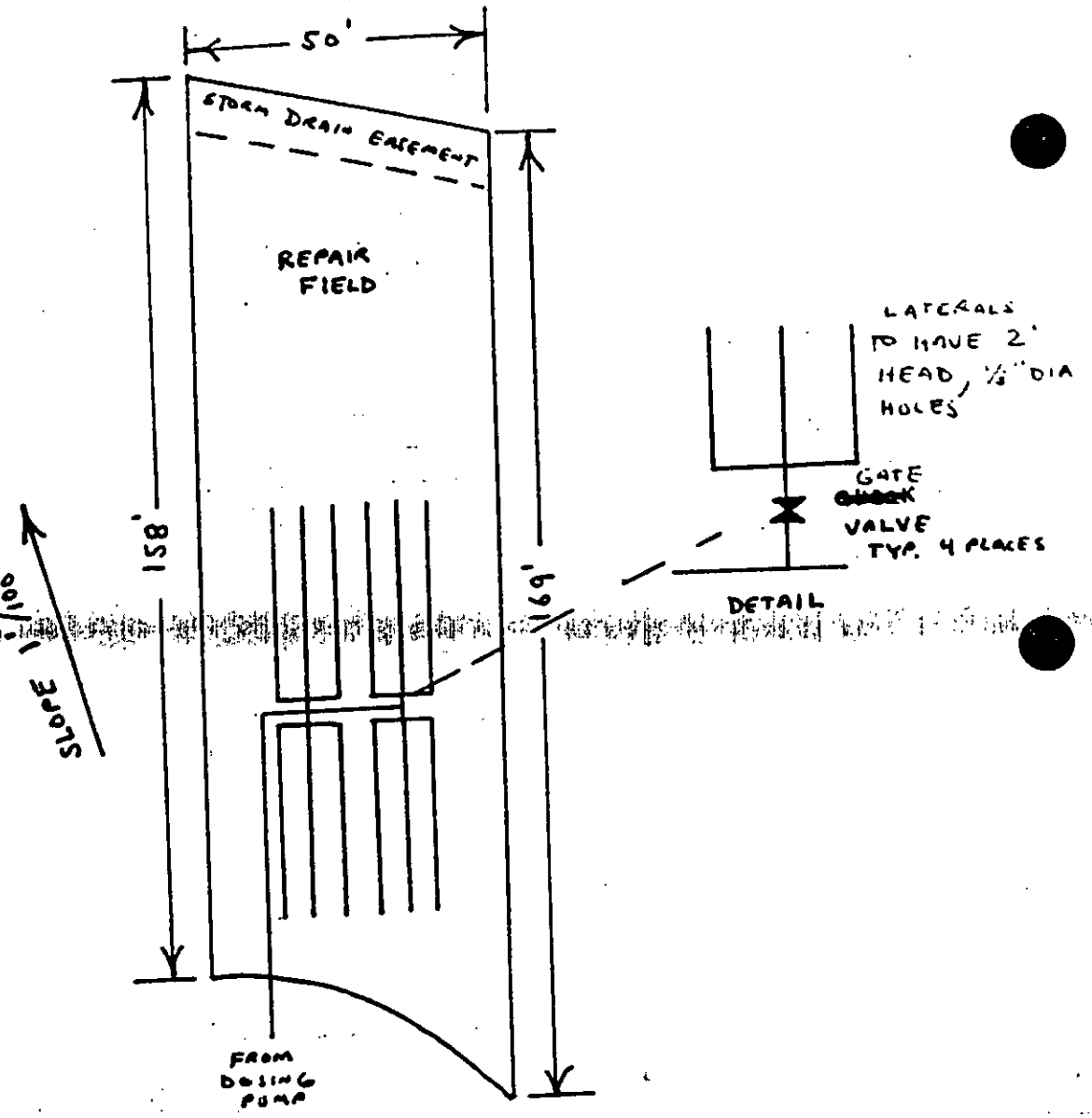
(2) cancellation, termination or suspension of the contract, in whole or in part.

f. Incorporation of Provisions: The contractor shall include the provisions of paragraphs "a" through "f" in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Department of Transportation or the Federal Highway Administration may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Department of Transportation to enter into such litigation to protect the interests of the State, and, in addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

IN WITNESS WHEREOF, each of the parties to this agreement has caused the same to be executed in the day and year first above written.


LAKE
108
42
LAKE
20
37
52
Lot 13
ENON
2-10
Area
II
190
I
Cecil
2-10
136
30
BAYSHORE DRIVE

1563?



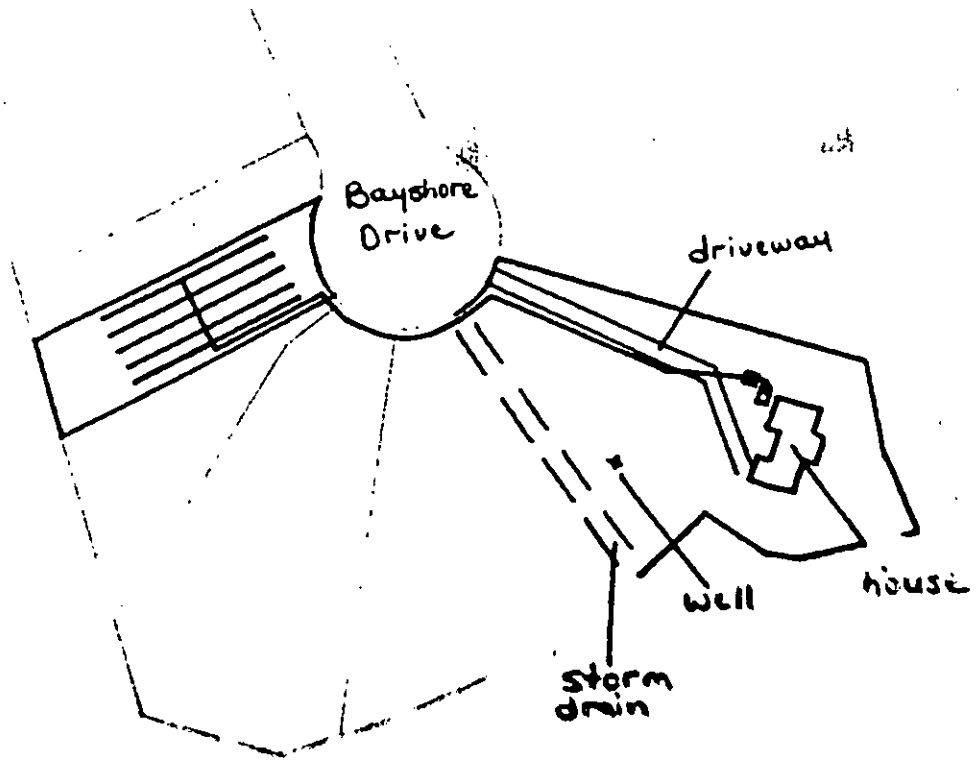
P.O. LOT 16 USED FOR

LPP NITRIFICATION FIELD

SCALE 1"=30'

DESIGN SPECIFICATIONS FOR 15929 BAYSHORE DRIVE
Low Pressure Pipe System requested by owner

Daily Waste Flow	360 gallons/day
Septic Tank Size	1500 gallons
Pumping Tank Size	800 gallons
Effluent Loading Rate	0.18 gal./ft^2/day
Absorption Area	2000 ft^2
Total Length of Laterals	400 ft
Lateral Diameter	1.25 inch sch. 40 pvc
Lateral Configuration	10 - 40 ft lines
Supply Line Length	270 ft
Supply Line Diameter	2 inch sch. 40 pvc
Manifold Placement	center
Hole Size	5/32 inch
Hole Spacing	6.67 ft
Number of Holes	60
Pressure Head	3 ft
Flow Per Hole	0.50 gpm
Total Flow	30 gpm
Elevation Head	10.5 ft
Friction Head	5 ft
Pressure Head	3 ft
Total Head	18.5 ft
Pump Requirements	30 gpm at 18.5 ft of head, effluent pump
Storage Volume in Laterals	25.6 gallons
Storage Volume in Supply Line	43.74 gallons
Total Storage Volume	69.34 gallons
Dosing Volume	170 gallons
Dosing Depth	10.2 inches
Check Valve Needed	No
Earthen Dams	Between laterals and manifold, and every twenty feet in laterals.



Permit # 15688
Bob Sidi
15929 Bay Shore Dr.
Huntersville

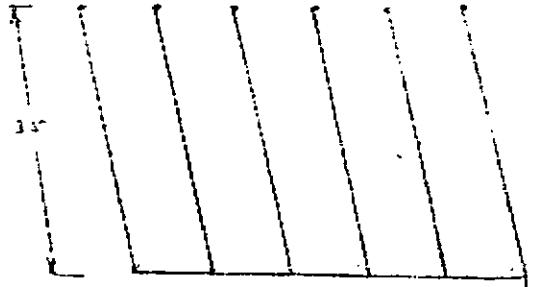
Proposed Repair:

The repair shall consist of six drainlines, each line thirty five feet in length containing a three foot wide trench with two feet of # five washed stone. Effluent shall be distributed by low pressure piping. The LPP will be 2" PVC with one 5/32" hole @ five feet intervals. The system will be pressurized @ approximately three feet of head pressure.

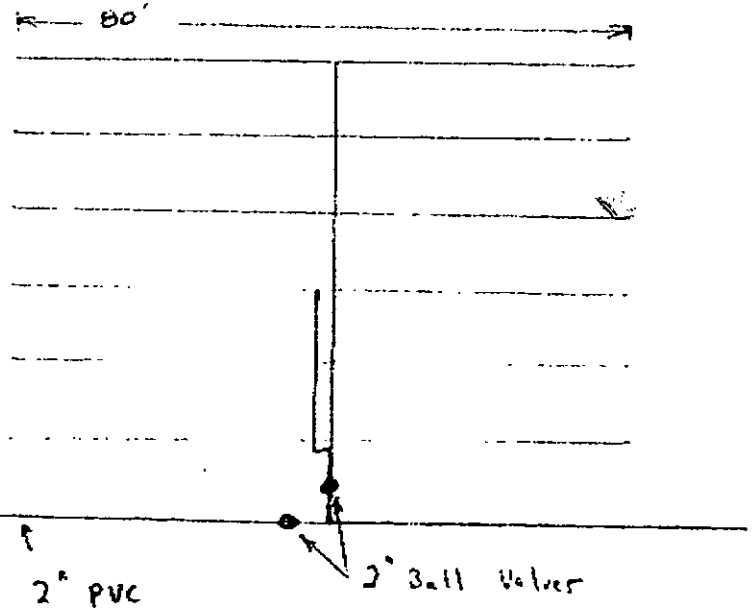
The existing tanks will be upgraded to meet current codes.

Also a filter will be placed into the system.

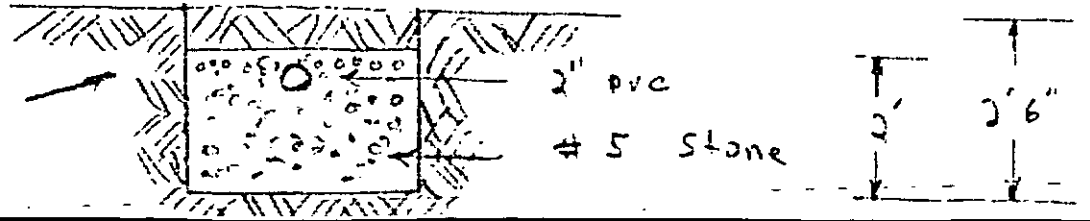
Proposed Repair



Existing Field "LPP"



Repair lines Crossection



MAY-24-00 07:40 PM ORBISON CONTRACTING 704 662 8795 P.02
05-24-00 10:34AM P02

INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 15688 DATE: 5-25-00

TC: 1101-014-57 ☒ L

SERIAL Nº 17913

Permission is hereby given to _____ Install or Construct, ✓ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated _____. All work shall be completed on or before _____, after which date this permit shall be null and void. The system shall meet all of the construction requirements of I5A NCAC 18A. 1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or 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 or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.

Install According to Plan Submitted

PLOT OF SYSTEM

Liquid Capacity of Septic Tank existing gallons

Liquid Capacity of Dosing Tank existing gallons

Tank Construction _____

Trench Depth 30"

Absorption and/or Nitrification Lines:

Trench Width 3 feet

Trench Walls Scored and Porous Yes

Total Line Length 210 feet

Number of Lines 6

Depth of Stone 24 inches

Distance from House > 5 feet

Distance from Property Line 10 feet

Distance from Well > 50 feet

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

NAME OF OWNER Bob Sidi

LOCATION OF PROPERTY 15929 Bayshore Drive

Comments: Type IV a repair 3 bedrooms
(6) 3'w x 35'L x 24" stone
* Make sure 5/32" holes in Lpp pipe are protected with sleeves.
Built 1982

L B Thompson Jr. R.S.
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

FAX COVER MEMO

C. WAYNE ORBISON & SONS, INC.
887 Mazeppa Road
Mooresville, NC 28115
(704) 663-4745

TO: **Larry Thompson**

FROM: **Rusty**

DATE: **5/9/00**

SUBJECT: **Bob Sidl Repair**

Attached is the proposed repair for the Bob Sidl Job.

If you have any questions, please contact me (704) 309-4114 (mobile).

FEE: _____
DATE: _____

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

REPAIR

[ ] CRT

TYPE APPLICATION: __ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM X REPAIR OF EXISTING SYSTEM

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

FILE #: 15688

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 001-014-57

STREET ADDRESS: 15929 BAYSHORE DRIVE

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: Built 1982

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: 3

NUMBER OF OCCUPANTS: 4

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)
__ MUNICIPAL (M)
✓ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

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

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

PROPERTY OWNER:

NAME: 5101 Robert R
(LAST) (FIRST) (MI)

ADDRESS: 15929 BAYSHORE DR

CITY: Huntersville STATE: NC ZIP: 28078

DAYTIME PHONE: (704) 875 - 2292

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME:
(LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) -

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: [signature]

DATE: 5/2/00

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