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

Inspection of Engineered Subsurface Wastewater System

Mecklenburg County	Long Residence	6805A
Health Department	**Name of Establishment**	**Permit/Project No.**
7100 Somoma Ln., Charlotte NC 28278	3-Bedroom House	360 GPD
Location	**Type of Establishment**	**Design Flow**
Cecil Long	Same as location address	
Owner/Agent	**Address**	**Phone**
N/A	N/A	N/A
Operator	**Address**	**Phone**
IIIb	11/7/2005	October 2010
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?	☐	☒	☐	5.a. Measured 12" 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?	☒	☐	☐	
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?	☐	☐	☒	

6. GROUND ABSORPTION FIELDS:

a. No evidence of effluent surfacing/reaching surface waters?	☒	☐	☐	6.a. Evidence of sewage previously
b. Minimal ponding in subsurface trenches?	☒	☐	☐	surfacing around d-box.
c. Surface water being effectively diverted away?	☒	☐	☐	*Problem appears to have been corrected.
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:

No problems detected with system operation at the time of inspection.

No sewage observed on the ground surface at the time of inspection.

SUMMARY OF REPAIRS REQUIRED AT THIS TIME:

None

***REPAIR WITHIN N/A 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.

1. Recommend pumping both tanks (septic & dosing) if they have not been pumped out within the last 5-7 years.
2. Monitor area around distribution box. If a system malfunction is observed contact a septic contractor immediately to correct the problem.

DATE: 11/08/2005

SIGNED: _____, RSE AGENT

Division of Environmental Health



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Parcel Information

Parcel ID	Account	Parent	Previous
19940119	INDIVIDUAL		

Owner(s)

Owner Name	Mailing Address	City/State
LONG CECIL WARREN	7100 SONOMA LN	CHARLOTTE NC 28278
LONG CAROL S WIFE	7100 SONOMA LN	CHARLOTTE NC 28278

Legal Information

Legal	Municipality	Annexed	Special District	Fire District	Acreage
L13SEC38M18-54 SONOMA L	CHARLOTTE	6/30/2005 12:00:00 AM		CITY OF CHARLOTTE	1.25

Total Parcel Assessment & Exemptions

Building	Land	Features	Total	Exemption	Year Approved	Review Date	Amount
297400	225000	17900	540300				

Sales Information

Sale	Price	Stamps	Qualify	V/I	DeedBook	Type	Legal Ref.	Grantor
Jul 6 1990				VAC	06306 - 827	MULT LISTING	06306-827	

Land Use

Use	Units	Type	Neighborhood	Assessment
R122	1.25	WF	T901	225000

Building Information

Bldg	Description	Type	Year Built	Property Location
1	Single-Fam	RES	1995	7100 SONOMA LN CHARLOTTE

Bldg	Story	Units	Total SqFt	Heated	Foundation	Ext. Wall	Grade	Value
1	1 STORY	1	5947	4482	CRAWL SPACE	FACE BRICK -	GOOD 03	297400

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

Sub Areas

Bldg	Description	Size
1	BASE (FIRST FLOOR)	2076
1	PORCH - OPEN - FINISHED	231
1	GARAGE - FINISHED	977
1	PORCH - OPEN - FINISHED	26
1	BASEMENT - OPEN-ENDED FINISHED	2076
1	PORCH - OPEN - FINISHED	231
1	ATTIC - FINISHED	330

Depreciation

Bldg	Physical	Functional	Economic	Special	Override
1	AV - 6.00%				

Special Features & Yard Items

Bldg	Built	Type	Quantity	Units	Value
1	1995	TERRACE	1	4X6	200
1	1995	TERRACE	1	6X8	300
1	1999	PIER	1	5X32	1900
1	1999	PIER	1	21X28	8500
1	1999	BOAT RAMP	1	3X12	100
1	1999	DOCK	1	12X18	3500
1	1999	GARAGE	1	14X22	3400

Value Changes

Notice Date	Tax Year	Reason	Changed To	Deferred

Jan 17 2003	2003	Countywide Revaluation	540300	0
Mar 30 2000	2000	Remodeled and/or New Addition	438180	
Mar 30 2000	2000	Remodeled Improvements and/or New Additi	438180	
Jan 5 1998	1998	Countywide Revaluation	410490	
Mar 8 1997	1997	Imp/Addn/Remod Completed for Tax Year	351600	
Mar 8 1997	1997	Improvement/Addition/Remodeled Completed	351600	
Mar 22 1996	1996	New Improvement	366520	
Jan 2 1991	1991	Countywide Revaluation	180060	