ROLLANS *Soil & Environmental Services, PA.*
P.O. Box 832, Mooresville, NC 28115 Phone: (704) 746-5046 Fax: (704) 278-0989

Ashley Rollans, *NC Licensed Soil Scientist, Certified Septic Installer, Certified Wastewater Operator & Certified Septic Inspector* **Contacts:** *704.746.5046*
Email: *rollans.ashley@yahoo.com*

Project Number: *01-2094*
Date: *3/16/15*

Client: **John & Judy Curva**
Email: *jscurva@windstream.net*

Re: On-Site Wastewater Inspection at 145 Wynward Lane, Mooresville, NC 28117.

Dear Mr. & Mrs. Curva,

Rollans Soil & Environmental Services, PA has performed a Septic System Inspection on the above mentioned property in Iredell County, NC. The inspection was performed on March 12th, 2015.

The findings from our evaluation are detailed in the attached NCOWCICB Inspection Report. Also attached are a Sketch Plan of the property and County Operations Permit.

The existing wastewater system was found to be functioning properly at the time of inspection. The 1000 gallon septic tank is structurally sound. The septic tank contains approximately 35% solids and does need to be pumped at this time. There are 6 Conventional System nitrification trenches that total approximately 540 linear feet. These trenches and septic tank were probed and flagged with pin flags as part of the inspection and they were functioning properly at the time of inspection. Please refer to the inspection checklist for additional information regarding this inspection.

The Operations Permit provided for this inspection does illustrate "Repair" in the rear of the existing house down slope of the existing system.

Rollans Soil & Environmental Services, PA appreciates your business and looks forward to working with you in the future. Please let us know if you need any further assistance or have questions in regards to this project.

Thank you
S. Ashley Rollans
NC Licensed Soil Scientist #1231
NC Certified Operator
NC Certified Septic Installer
NC Certified Septic Inspector

On-site Wastewater Inspection

☐ Pre-Inspection Contract, signed by Client is attached to Inspection

Property Address 145 Wynward Lane
Street
Mooresville NC 28117
City, St Zip

Client Name: John & Judy Curva

Current owner of Record Kathy & Steven West

Date of Inspection: 3/12/15

4 Advertised number of bedrooms as stated in MLS or as stated in attached sworn statement by owner or owner's representative

420 Gallons per day for designed system size or number of bedrooms as stated in available local health department information

☐ Inspection shall include any part of the system located more than 5 feet from the primary structure that is a part of the operations permit

☑ Copy of Operations permit from Iredell County Environmental Health Attached

☐ Operations permit not available

☐ System requires a certified subsurface water pollution control system operator pursuant to G.S. 90A-44

Current Operator's Name _____

Most recent performance, operation and maintenance reports are ☐ attached ☐ not available

Type of water supply ☐ Well ☐ Public Water ☑ Community Water ☐ Spring

Location of Septic Tank and septic tank details:

15 ft from house or structure

~60 ft from well if applicable

N/A ft from water line if applicable

~30 ft. from property line if said property lines are known or marked

12" distance from finished grade to top of tank or access riser

_____ Access riser(s) ☐ yes ☑ no Describe _____

_____ Tank lids intact ☑ yes ☐ no

_____ Tank has baffle wall ☑ yes ☐ no Describe condition of baffle wall: Good

Yes Inflow to tank is noted as sufficient

_____ Inflow to tank is noted as insufficient or blocked

Yes Water level in tank is relative to tank outlet

_____ Outlet T is present ☑ yes ☐ no Describe condition of Outlet T: Good

_____ Outlet has filter ☐ yes ☑ no Describe condition of filter: _____

_____ Effluent leaves the outlet ☑ yes ☐ no

_____ Roots present in tank ☐ yes ☑ no Describe extent of roots: _____

No Evidence of tank leakage Describe: _____

No Evidence of non-permitted connections, such as downspouts or sump pumps

Yes Connection present from house to tank

Yes Connection present from tank to next component

~35 Percentage of solids in tank

_____ Unable to locate tank. System inspection cannot be completed until tank is located

Date tank was last pumped _____ ☑ unknown

Client requesting this inspection has been advised that for a complete inspection to be performed the tank needs to be pumped. Client has declined to have the tank pumped at inspection and hereby acknowledges they have so declined.

Client Signature _____ Date _____

Does system have pump tank? ☐ yes (complete blanks below) ☑ no

_____ ft from house or structure
_____ ft from well or spring if applicable
_____ ft from water line if applicable
_____ ft. from property line if property lines are known or marked
_____ Distance from finished grade to top of tank or access riser
_____ Access risers in place ☐ yes ☐ no
_____ ft from septic tank
_____ Access risers in place Describe type: _____
_____ Describe condition of tank lids _____
Location of control panel: _____
_____ Electrical connections are in place and properly grounded
_____ Audible and visible alarms (as applicable) work
_____ Pump turns on and effluent is delivered to next component
_____ Unable to operate pump due to lack of electricity at site at time of inspection

Dispersal field: Type of system: ☑ Conventional ☐ Accepted ☐ Innovative ☐ Experimental ☐ Controlled Demonstration ☐ Pretreatment; Type of Pretreatment _____
Brief Description of System Type Gravity Conventional
10 ft. from property line if property lines are known or marked
10 ft from septic/pump tank
6 # of lines
~90' length of lines
No Evidence of past or current surfacing at time of inspection
Briefly describe: _____
No Evidence of traffic over the dispersal field
No Vegetation, grading and drainage noted that may effect the condition of the system or system components
Yes Effluent is reaching the dispersal field

☐ Conditions present that prevented or hindered the inspection

☐ Adverse conditions present that require repair or subsequent observation or warrants further evaluation by the local health department. Description of adverse condition: _____

Consequences of the adverse condition: _____

Client should contact _____ County Environmental Health and/or a certified on-site wastewater contractor

Other pertinent facts noted during inspection: Septic Tank needs to be pumped at this time.

Inspector Name: S. Ashley Rollans Certification # 3775I

Address P. O. Box 852 Mooresville NC 28115

Phone (704) 746 5046

No representation, warranties or opinions are hereby given, written or expressed otherwise, as to the future performance of onsite wastewater system described herein. This onsite wastewater system inspection is a presentation of system facts in place on date of inspection.

Inspector Signature: S. Ashley Rollans Date 3/16/15

~~AB#1~~

0-20 SCLWSBK SS

20-50 ~~SC~~ WSBK SS

(.7)

NEED 62'
UP FRONT
FOR FULL
REPAIR