4258 Germanna Hwy, Ste. A Locust Grove, VA 22508 (540)972-2133



2445 S. Seminole Trl. Madison, VA 22727 (434)985-7811

LAKE OF THE WOODS SUBDIVISION WATER AND SEWER SERVICE APPLICATION

Dear Prospective Homeowner/Contractor:

The necessary forms to apply for water and sewer service are attached. Please fill out all applicable pages four(4) through eight(8) and return the entire package to the RSA – East Office, 3489 Germanna Highway, PO Box 736, Locust Grove, VA 22508. RSA will then complete the pages marked "Location of Sewer Tank and Water Meter" (page 5) and "Stub-Out Approved Location" (page 6) and forward copies to you. <u>If you are the contractor/builder, you must forward this package to the homeowner once the occupancy permit is obtained.</u>

Please read carefully the pages marked "Application for Water and Sewer Connection" (page 4) and "Location of Sewer Tank and Water Meter" (page 5). These pages contain important information concerning the requirements for the final water and sewer connection for your home. If you have any questions concerning these requirements, please contact the service authority prior to beginning construction. The service authority will refuse final connections unless all requirements are met.

Water and Sewer fees include the following: sewer collection/transmission equipment, sewer lateral from collection equipment to the main vacuum/gravity sewer line, and the installation of the water meter in the front of the property to be served. The homeowner is responsible for the installation of the water service line from the meter to the house as well as the sewer lateral from the sewer collection tank back to the house. It is also suggested that the homeowner have cleanouts installed in any "long" (approximately 100ft.) gravity sewer lines and at any "bends" in the line to facilitate any future cleaning/maintenance by the homeowner. The homeowner should also install an approved cut-off valve in his water line adjacent to the meter box to facilitate the maintenance of his service lines. The service authority will only cut water on and off at the meter box. The service authority accepts no responsibility for repairs or replacement of service lateral lines from the home to either the sewer tank or water meter. Penalties are provided by law which forbid any person from tampering with or cutting water on/off at any meter.

If you have any questions prior to or during construction of your home, do not hesitate in contacting us. Office hours are 8:00am to 5:00pm, Monday through Friday.

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Re: Rapidan Service Authority – East, Water and Sewer Connections

Lake of the Woods Subdivision

Dear Contractor/Owner:

In an effort to keep you informed, RSA has outlined the following procedures regarding new water and sewer connections:

- A staked survey of the property <u>must be completed first</u> by the contractor/owner. The survey must indicate the lowest floor level of the home or business. A plat of the property with the proposed house location, any drainage easements, and proposed driveway location should also be included with any application.
- 2. The "Application for Water and Sewer Service" is to be completed and delivered to the RSA East Office located at 3489 Germanna Highway, Locust Grove, VA 22508. It may also be mailed to "RSA East", PO Box 736, Locust Grove, VA 22508. RSA staff will review the application, visit the site, and complete the necessary plans and recommendations for the installation of the water and sewer connections. The approved portions of the completed application will then be mailed to the name and address indicated on the application. You must receive this information before obtaining a building permit from Orange County. The completed application will indicate the proposed location of the water and sewer connections as well as the tentative completion date. These locations may be staked, if requested, however final locations will be at the discretion of RSA
- 3. After obtaining the building permit from Orange County, RSA will accept the connection fee. The "Connection Fee" is specific to the Lake of the Woods Subdivision and does not apply to other subdivisions, commercial, or industrial developments. All users are subject to yearly review of their average monthly water usage.

All **Non-User Fees (Lake of the Woods only)** must be current at the time of application. The connection request (Stub-Out) is then placed on the connection

schedule. The projected connection date is estimated at 45-60 days from the date the application is completed, and payment accepted. However, <u>this schedule is</u> <u>tentative and is affected by weather, emergencies, number of requests, etc.</u> RSA makes every effort to maintain the projected schedule, however, **no guarantee** is provided. Normally, the schedule is managed on a "first come, first serve basis". The only exception is if conditions of a lot prohibit RSA from making the connection. Should this occur, RSA would then move on to the next request on the list. As soon as conditions on the lot improve RSA will return to complete the postponed application

4. Once the water meter is set, the account status will change from Non-User to User. Monthly water and sewer charges will be calculated based on the primary water meter reading.

We hope that the above is helpful to you. If you have any questions regarding these procedures, please do not hesitate to call our office.

Sincerely,

Tim Clemons, General Manager

4258 Germanna Hwy, Ste. A Locust Grove, VA 22508 (540)972-2133



2445 S. Seminole Trl. Madison, VA 22727 (434)985-7811

LAKE OF THE WOODS APPLICATION FOR WATER AND SEWER CONNECTION

SECTION	LOT	DATE:	
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I hereby request the Rapidan Service Authority (RSA) install water and sewer service, at the above referenced location, after the local building inspector's approval for the connection. I acknowledge that I am responsible for all fees as assessed by RSA.

OWNER NAME:			BUILDER NAME:			
ADDRESS:			ADDRESS:			
CITY:	STATE:	<mark>ZIP</mark> :	CITY:	STATE:	_ <mark>ZIP</mark> :	
TELEPHONE:			ATT.			

CONNECTION FEES:

Current Water and Sewer Connection Fees are **<u>\$5,950.00</u>** and shall be required in advance of connection. RSA reserves the right to charge additional expenses incurred by RSA due to the presence of extensive rock in the location of the necessary excavation and/or construction. **Fees are subject to change.**

CUT OFF VALVE:

Rapidan Service Authority requires a cut-off valve be installed adjacent to the water meter on the customer's side. The valve will be installed as part of the homeowner's water service line and will be accessible from the ground surface to allow the homeowners access to maintain his line from the meter to the house.

BASEMENTS:

If your house is to contain a basement, you must ensure that the elevation of the lowest floor containing plumbing meet the requirements as stipulated on page 5 of this document. If the necessary elevation differential (between the lowest floor level and the collection tank) is not met, a grinder pump must be installed to pump the waste into the collection tank. If the above procedures are not followed, a sewer backup would most probably occur, and RSA will not be responsible for any damage resulting from said backup

LOCATION OF SEWER TANK AND WATER METER (Lake of the Woods)

SECTION

_____ LOT_____ DATE:_____

BASEMENT: YES___NO___, WILL BASEMENT HAVE PLUMBING?_____

Lot	Lot	Lot	Lot	Lot	
Street Name					

The tank location and water meter location for each home will be determined by the service authority upon request in writing. The location plan will require that the owner/contractor provide flags or stakes indicating the <u>house location corners</u>, lowest floor elevation, and <u>driveway location</u>.

The elevation of the lowest floor containing plumbing must be a minimum of 2 feet 6 inches (30") above the ground elevation at the location of the collection tank. If the house is more then 150 feet from the sewer collection tank along property easements, adjustments from this elevation and measurements shall be made with a preferable pipe slope of ¹/₄ inch per foot of pipe to be laid. Any home that does not meet the 30-inch elevation differential requirement must install a grinder pump to transport the waste from the home to the collection tank. The grinder pump is the responsibility of the homeowner to own, operate, and maintain

For homes on the main lake (shore mean lake elevation -317.5 feet) the minimum elevation of the lowest floor with plumbing is established as 322.0 feet. For homes on the small lake (shore mean lake elevation -289.0 feet) the minimum elevation of the lowest floor with plumbing is established as 293.5 feet.

The house sewer lateral (from house to holding tank) must be 4 inches in diameter, maintain a grade of at least 2% and no greater than 10% with an approval clean-out installed per code. All outside clean-outs must be at finished grade. Clean-outs or lateral lines installed on the property shall not be obstructed or relocated except by written approval from RSA. Systems using grinder pumps are exempt from the slope requirement.

The owner must understand that all elevations must be strictly adhered to and that if the house is built other than indicated connection to the water and sewer systems will not be made.

<mark>Owner</mark>		By	
	Signature		Rapidan Service Authority

RAPIDAN SERVICE AUTHORITY

PO BOX 736 LOCUST GROVE, VA 22508 **3489 GERMANNA HIGHWAY** LOCUST GROVE, VA 22508

Section ____ Lot _____

Date:

STUB-OUT APPROVED LOCATION: (Sewer and Water)



STREET -

The above stub-out locations have been approved by the Rapidan Service Authority.

BE ADVISED THAT SHOULD THE ELEVATION REQUIREMENTS, BETWEEN THE **RESIDENCE AND THE HOLDING TANK, NOT BE MET A GRINDER PUMP SYSTEM IS** REQUIRED

OWNER:

Rapidan Service Authority

RAPIDAN SERVICE AUTHORITY

NOTICE: <u>CROSS-CONNECTION/BACKFLOW PREVENTION AND</u> <u>SEWER USE REGULATIONS</u>

Section 6.00, Commonwealth of Virginia Waterworks Regulations, states that the water purveyor shall establish a program of cross-connection and back flow prevention control consistent with the extent of the system and type of consumer served. Each waterworks owner must establish this program to prevent contamination of the potable water system.

How does contamination occur? Contamination may occur under back siphonage or back pressure conditions whereby contaminants are siphoned or forced respectively back into the potable water supply.

Back siphonage of contaminants may occur when there is a pressure drop creating a suction or partial vacuum in the system. This may occur during a line break or high usage in fire-fighting situations.

In the home, the following are places to be protected against back flow. Please indicate, in the blanks provided, whether you have the following items connected to the public water system: **(RESIDENTIAL)**

A. Swimm	ing pool	(S)

- B. Hose bib connectors where water operated aspirators are used
- C. Water softeners
- D. Frost-proof hydrants (faucets)
- E. Permanent lawn irrigation system
- F. Any connection to non-authority water sources (ex: springs, individual wells, cisterns, etc.)
- G. Photo developing sinks)_____
- H. Hose bibs at laundry tubs
- I. Hand-held shower heads_____
- J. Others (specify high use water equipment)

(NON-RESIDENTIAL, COMMERCIAL, INDUSTRIAL USERS) SERVICE STATIONS, LAUNDROMATS, NURSERIES, AND OTHER FACILITIES

in the community, please indicate in the blank space whether applicable:

- A. Hose bibs in wash pits_____
- B. Commercial washing machines and dry-cleaning machines_____
- C. Community swimming pools
- D. Commercial air conditioning units_____
- E. Barber and beauty shops_____
- F. Other facilities using water_____

RE: RESIDENTIAL, NON-RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL USERS

Do you, or your business, to your knowledge presently have any back-flow prevention devices in service in your home or place of business?

If the answer is yes, please list the name, location, and model information for each device:

All backflow flow devices shall be certified annually by an approved tester. WARNING:

WASTEWATER DISCHARGE (SEWER) – A user may not contribute the following substances to the wastewater system:

- A. "Any solid or vicious substances including, but not limited to, grease, garbage with particles greater than one-half inch in any dimension, animal guts or tissues, paunch manure, bones, hair, hides or fleshings, entrails, whole blood, feathers, ashes, cinders, sand, spent lime, stone, or marble dust, metal, glass, straw, shavings, grass clippings, rags, spent grains, spent hops, waste paper, wood, plastics, gas, tar, asphalt, fuel or lubricating oil, mud or glass grindings or polishing wastes, which may cause either obstruction to the flow in the sewer or other interference with the operation of the wastewater treatment facilities."
- B. Any wastewater having a pH level less than 5.5.
- C. Any wastewater having any other corrosive properties capable of causing damage or hazard to structures, equipment, and/or personnel of the WWTP.
- D. Any wastewater containing toxic pollutants in sufficient quantity to (i) injury or interfere with any wastewater treatment process; (ii) constitute a hazard to humans or animals; or (iii) to exceed the limitation set forth in the Categorical Pretreatment Standard.
- E. Any noxious or malodorous liquids, gases, or solids which are sufficient to create a public nuisance; to be a hazard to life or prevent entry by Authority personnel into sewers for maintenance and repair.
- F. Any substance which may cause the Waste Water Treatment Plant's effluent or any other product of the WWTP (such as residues, sludges, or scums), to be unsuitable for discharge, reclamation and reuse or to interfere with the reclamation process. In no case shall a substance discharged to the WWTP cause the WWTP to be in non-compliance with sludge use or disposal criteria, guidelines or regulations affecting sludge us or disposal developed pursuant to the Solid Waste Disposal Act, the Clean Air Act, the Clean Water Act, the Toxic Substances Control Act, or State regulations and/or criteria applicable to the sludge management method being use

NAME	SECTION	LOT
(Signature)		
NAME (Printed)		_
ADDRESS		