

Wastewater Utility Service

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20160013

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CHECK SHEET

The sheets of this tariff are effective as of the date shown at the bottom of the respective sheet. Original and revised sheets as listed herein comprise all changes from the original tariff and are currently in effect as of the date listed on the bottom of this sheet.

SECTION	SHEET	REVISION	
1	1	Original	
1	2	1 st Revised	
1	3	5 th Revised	T
1	4	Original	
1	5	Original	
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1	7	1 st Revised	T
2	1	Original	
2	2	1 st Revised*	T
2	3	2 nd Revised*	T
2	4	Original	
2	5	1 st Revised*	T
2	6	Original	
2	7	2 nd Revised*	T
3	1	3 rd Revised	
4	1	2 nd Revised	
4	2	3 rd Revised	C
5	1	3 rd Revised	
5	2	1 st Revised	
6	1	2 nd Revised	
6	1.1	Original	
6	1.2	Original	
6	2	2 nd Revised	
6	2.1	Original	
6	2.2	Original	
6	2.3	Original	
6	3	1 st Revised	

Issued: September 15, 2017

Effective: October 15, 2017

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SYMBOL KEY

The following symbols are used to signify the purposes indicated as follows:

- C To signify a changed regulation or rate structure.
- I To signify a rate increase.
- M To signify a move in the location of text.
- N To signify a new rate or regulation.
- R To signify a reduced rate.
- T To signify a change in text, but no change in rate or regulation.

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TARIFF FORMAT

A. Sheet Numbering. Sheet numbers appear in the upper right hand corner of the sheet. Sheets are numbered sequentially. However, new sheets are occasionally added to the tariff. When a new sheet is added between sheets already in effect, a decimal is added. By way of example, a new sheet added between sheets 5 and 6 already in effect, would be numbered 5.1.

B. Sheet Revision Numbers Other Than Original. Revision numbers will also appear in the upper right hand corner of the sheet unless that sheet is an original. In the case of an original, it will be denoted in the same location on the sheet. Revision numbers are used to determine the most current sheet version on file with the TRA. To illustrate, the 4th Revised Sheet 12 replaces and cancels 3rd Revised Sheet 12. Due to various periods of tariff suspensions or deferrals of the TRA during their tariff approval process, the most current sheet number on file with the TRA may not always be the sheet in effect. Please consult the Check Sheet for the current sheet in effect.

C. Paragraph Numbering Sequence. There are 9 levels of paragraph coding. Each level of coding is subservient to the next higher level. An illustration is as follows:

2
2.1
2.1.1
2.1.1.A
2.1.1.A.1
2.1.1.A.1.(a)
2.1.1.A.1.(a).1
2.1.1.A.1.(a).1.(i)
2.1.1.A.1.(a).1.(i).1

D. Check Sheets. When a tariff is made with the TRA, an updated Check Sheet accompanies the tariff filing. The Check Sheet lists the sheets contained in the tariff along with a cross-reference to the current revision number. When new sheets are added, the Check Sheet is changed to reflect the revision. All revisions made in a given filing are designated by an asterisk, i.e. (*). There will be no other symbols used on this sheet if these are the only changes. The tariff user should refer to the latest Check Sheet to find out if a particular sheet is the most current sheet on file with the TRA.

Wastewater Utility Service

DEFINITIONS

When used in this tariff, the following terms shall have the meanings set forth next to the same as follows:

1. "Collector Line" shall mean the line from the Service Line to the Main Line.
2. "Commercial Property" shall mean the real property that is used for commercial, overnight rental, transient, or institutional purposes.
3. "Company" shall mean Limestone Water Utility Operating Company, LLC.
4. "Customer" shall mean any person, firm, limited liability company, partnership, corporation, association, company, or governmental entity furnished sewage services by the Company.
5. "Engineer" shall mean the consulting or design engineer employed by or retained by the Company.
6. "Facilities/Components" shall mean all equipment owned and operated by the Company, and easements, land, and properties required for the operation of the sewer system.
7. "Main Line" shall mean the line from the Collector Line to the treatment facility.
8. "Premises" shall mean the Customer's private property.
9. "Pumping Station" shall mean a tank with pumps and receives effluent from a STEG/STEP Tank or Collector Lines.
10. "Residential Property" shall mean the real property that is an established residence for a single family intended solely for such family's use or a long term lessee—i.e. 12 months or more.
11. "Service Line" shall mean the line from the STEG/STEP Tank to the Collector Line.
12. "STEG Tank" shall mean any tank located near a Customer's building containing an effluent filter for the purposes of accepting sewage waste.

Wastewater Utility Service

DEFINITIONS (CONTINUED)

13. "STEP Tank" shall mean any tank located near a Customer's building containing a pump vault for the purposes of accepting sewage waste.

14. "Stub-out Line" shall mean the line that carries the sewage waste from the building to the STEG/STEP Tank.

15. "TRA" shall mean the Tennessee Regulatory Authority or the Tennessee Public Utilities Commission.

T

16. "Tap" shall mean the junction of the Service Line with the sewer collection system.

Wastewater Utility Service

RULES AND REGULATIONS

Statement of Purpose:

The general purpose of these rules and regulations is as follows:

1. To establish measures and procedures for providing sewage collection and treatment services on a uniform basis within the Company's service area.
2. To provide standards and procedures for the following:
 - a. Establishing sewer characteristics acceptable for the treatment systems;
 - b. Establishing the criteria for protecting the integrity of the water-tight system—a system free of inflow and infiltration ("I & I");
 - c. Required design standards;
 - d. Construction and material standards;
 - e. Inspection requirements; and
 - f. Quality of materials.

Authorization of Rules and Regulations:

Limestone Water Utility Operating Company, LLC, is a Tennessee limited liability company in good standing with the State of Tennessee as a privately-owned public utility. Limestone provides service as authorized under a Certificate of Convenience and Necessity, Docket No. 23-00037, as granted by the Tennessee Public Utility Commission on September 30, 2024.

Effect of Rules and Regulations:

All provisions of these rules and regulations shall be incorporated in each Sewer Subscription Agreement [Attachment No. 1] with each Customer of the Company.

Wastewater Utility Service

RULES AND REGULATIONS (CONTINUED)

Utility Facilities on Private Property:

The Company shall own and maintain all STEG and STEP Tanks, control systems, and service lines required to provide sewer service on the Customer's premises. Any problems arising from construction issues by the developer or the builder such as improper material, settlement of tanks, erosion/slippage, etc. will be the owner's responsibility. The Customer shall execute an agreement granting an easement to the Company for maintenance of the sewer system. The building, plumbing, and Stub-out Line shall be maintained by the Customer.

T

Service Disconnection:

Service under any application may be discontinued due to the following:

1. Non-payment of bill;
2. Misrepresentation;
3. Adding to the property or fixtures without notice to the Company;
4. Tampering with any service pipe, tank, control system, filter, or any other facilities of the Company;
5. Violation of any Company rules and regulations;
6. Disconnecting or reconnecting service by a party other than a duly authorized agent of the Company without the Company's express consent; and
7. Failure to execute the "Sewer Access Agreement"

T

Non-payment Penalties:

A non-payment penalty of 5% of the balance due will be owed if the bill is paid after the due date shown on the bill. If payment is not received within 15 days after being due, written notice will be sent to the Customer via the U.S. Postal Service. If payment is not received within 30 days after being due, sewer service will be discontinued from the Customer's property pursuant to the terms of the Sewer Subscription Agreement executed by the Customer and the Company with no additional notice. No service shall be reconnected if discontinued for non-payment until all charges have been paid, including, without limitation, penalties, disconnection fees and reconnection fees. The disconnection fee is \$10.00 and the reconnection fee is \$15.00.

C

Returned Checks or Instruments:

The Company will charge the Customer \$20.00 for all checks or instruments returned by the bank

Wastewater Utility Service

RULES AND REGULATIONS (CONTINUED)

Changes in Ownership, Tenancy, or Services:

A new application and agreement must be made and approved by the Company on any change in ownership of property, in tenancy, or in the services as described in the application. In the event a new owner or tenant fails to submit a new application, the company shall have the right to discontinue service until a new application is made and approved.

Wastewater Utility Service

RULES AND REGULATIONS (CONTINUED)

Engineering, Materials and Construction Standards:

1. General – This specification covers the type of sewer system required for various design conditions of sewers constructed by developers. The requirements called for are minimum standards in all cases. Bedding conditions, material specifications, sealing requirements and installation methods are the responsibility of the Engineer and must be approved by the Company. Design and construction of sewer lines shall meet the requirements of the Tennessee Department of Environment and Conservation ("TDEC"), in addition to this specification. Any conflicts between the Company and TDEC requirements shall be resolved in favor of the more restrictive requirement.
2. All sewage collection system components are to be water-tight and free of I&I. This includes Stub-out lines, all tanks, Collector Lines, Service Lines, and Main Lines. Collector Lines and Main Lines are to be tested to 100 pounds per square inch of water pressure. Risers and lids are to be water-tight.
3. STEP and STEG Tanks are to be installed near the building to be served. The tanks are to be set in a level condition and tested for water tightness before backfilling.
4. All pipe is to be PVC, classes and sizes will be pursuant to the Engineer's design and in all cases SDR-21 class 2000 will be the minimum allowable class.
5. Only wastewater drains are to be connected to the sewer system. No water sources such as roof drains, sump pumps, condensate lines and swimming pools shall be connected to the sewer system.

Special Pre-treatment Sewage Requirements:

For all sewage connections, the Company reserves the right to require any commercial property customer to provide special pre-treatment for any high strength effluent before discharge into its sewage system. The Company may, upon the basis of recognized engineering standards and treatment costs, increase the rate charged to cover the cost of treatment of high strength effluent, commercial or industrial waste, and may impose standards as to the maximum size of solids and constituents in such waste discharged into its sewage system.

Additionally, if excessive volumes of sewage are received, the Company may require the Customer to monitor flow volume and increase surge holding, treatment, and disposal capacity at the Customer's expense. All Customers will be required to follow the List of Required Practices (Biological Systems Users Manual—Attachment No. 2) for an effluent collection system, supplied to them by the Company.

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RULES AND REGULATIONS (CONTINUED)

These requirements prohibit the dumping of any toxic chemicals, non-biodegradable detergents, whitening agents, or other non-environmentally friendly compounds that kill tank bacteria. Also prohibited is the disposal of an excessive amount of grease, paints, pesticides or other typical household items that consumers introduce into sanitary sewer and storm drains. A copy of the Company's list of Required Practices is attached hereto as Attachment No. 2.

Damages:

The Company will pump STEP or STEG systems for Residential Customers that comply with the Company's list of Required Practices, following an inspection by the company, which indicates in the Company's sole determination, may be required as routine maintenance. All leaks in any building pipe or fixture on the premises of the Customer shall be immediately repaired by the Customer. On failure to repair any such leak, the service may be discontinued until repairs are made. Any customer found introducing prohibited substances into the wastewater system is liable to pay the full cost of cleanup and the repair of any damage caused.

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The Company shall in no event be responsible: for maintaining any Stub-out Line owned by the customer; for the damages created by sewage escaping therefrom; or for defects in the Customer's building lines or fixtures. The Customer shall at all times comply with all regulations of the TRA and the Company.

Inspection:

All pipes, valves, and fixtures, shall at all reasonable hours, be subject to inspection by the Company or its duly authorized agents.

In Event of Emergency:

The company shall not be liable to the Customer for interruption in service, or for damages or inconvenience as a result of any interruption or stoppage beyond the reasonable control of the Company. In the case of an emergency, please call (855) 723 – 2450 or other provided service number.

Service Area:

The Company will provide Service within its current service area. The TRA must approve additions to the service area.

Wastewater Utility Service

RULES AND REGULATIONS (CONTINUED)

Extension Plan:

The Company may furnish sewer service to property owners whose lands abut the Main Line of existing Company sewer systems. The sewer service charges listed in the sewer billing structure do not include costs for constructing the sewer system. Any sewer system facility/components required to service such abutting properties shall be constructed at the cost of those parties desiring same, and these facility/components shall become the property of the Company to be credited to the account for Contributions In Aid of Construction. In addition, treatment system component costs will be paid by the Customer desiring to connect to the system. Sewer service to new areas within a service territory will be made available where it is technically feasible and the developer or property owner is willing to bear the expense of designing and building the sewer system.

Contributions In Aid of Construction:

Sewer system facility/components furnished by the developers and landowners to the Company will be recognized as contributions in aid of construction in the amount of actual construction. Capital contributions from the developers will be treated in a like manner.

Contracts for Services:

Each Customer, before installation of service, shall be required to execute a Sewer Subscription Agreement with the Company.

Customer Billing:

Customer billing may be different from area to area. If the area is serviced by a utility water service, the water provider will be requested to provide billing services. For flat fee areas, a coupon book may be provided on an annual basis with monthly statements. Water bill comparisons or metering may be employed if higher water use than typical is suspected. Typically, monthly statements will be sent to Customers.

In cases where pass-through treatment costs and commercial customers are involved, a monthly bill will be sent to the customer and be based on the gallons of water used. Where water use is from a utility, the Company may request water use data from the water provider.

Wastewater Utility Service

RULES AND REGULATIONS (CONTINUED)

C

Public Contact:

**Josiah Cox
1630 Des Peres Rd. Suite 140
St. Louis, MO 63131
Phone: 855-723-2450**

Tennessee Regulatory Authority Regulations:

The Company, in its operation, shall conform to all applicable rules and regulations promulgated by the TRA. The TRA may be contacted by telephone at: 1-800-342-8359.

Wastewater Utility Service

RESIDENTIAL SEWER SERVICE TERRITORIES

<u>Service Territory</u>	<u>County</u>	<u>TRA Docket No.</u>	<u>Rate Class</u>	
Riverstone Estates★	Decatur	09-00099	Rate Class 1	T

★Combined residential and commercial territories.

Wastewater Utility Service

RESIDENTIAL RATES SHEET EXPLANATION

Rate per month:\$47.98

Fees: Non-payment – 5% of total bill

Disconnection - \$10.00

Reconnection - \$15.00

Returned Check (NSF) - \$20.00

Service Connection Charge - \$60.00

Wastewater Utility Service

COMMERCIAL SEWER SERVICE TERRITORIES

Service Territory	County	TRA Docket No.	
Riverstone Estates★	Decatur	09-00099	T

★These Service Territories contain a mix of both commercial and residential properties.

COMMERCIAL RATE (WITH OUT FOOD SERVICE)

This rate is designed for systems that treat wastewater with typical doestic waste quality characteristics. Any facility that is operated as a business or rental property will be considered commercial. Examples are applications such as an office building, insurance office, transient rental properties, motels without food services, or auto sales office.

Overnight/Transient Rental Properties:

The sewer bill will be charged on a monthly basis. The customer will be billed on the bedroom counts listed below in the Overnight Rental column and not by water use. These units have bedroom counts but typically sleep and/or are occupied by more persons than a typical residential bedroom count. Effluent production from these units has a higher degree of foreign material, grease, and items not permitted in the Biological Systems Manual. There is considerably higher maintenance on the Septic Tank Effluent Pumping System with filter cleaning, pumping, pump replacement, emergency calls, etc.

The customer will provide a system that will treat the expected design flow and typical domestic waste quality characteristics. These systems special conditions such as high treatment requirement or high peak flows may make other systems than addressed in this initial petition necessary. Limestone Water will need to petition for rates on a case by case basis for such systems.

Billing rates are based on design flow as required. The monthly charges in the table below will apply based on the expected design flow.

T

Overnight Rental	Expected Design Flow	Service Charge
3 bedrooms or less	300 gallons or less	\$93.00
4 bedrooms	301 to 400 gallons	\$119.00
5 bedrooms	401 to 500 gallons	\$144.00
6 bedrooms	501 to 600 gallons	\$169.00
7 bedrooms	601 to 700 gallons	\$199.00
8 bedrooms	701 to 800 gallons	\$229.00
9 bedrooms	801 to 900 gallons	\$259.00
10 bedrooms	901 to 1,000 gallons	\$289.00
11 bedrooms	1,001 to 1,100 gallons	\$320.50
12 bedrooms	1,101 to 1,200 gallons	\$352.00
13 bedrooms	1,201 to 1,300 gallons	\$383.50
14 bedrooms	1,301 to 1,400 gallons	\$415.00
15 bedrooms	1,401 to 1,500 gallons	\$446.25
16 bedrooms	1,501 to 1,600 gallons	\$477.50

Wastewater Utility Service

COMMERCIAL RATE (WITH OUT FOOD SERVICE)—Continued

17 bedrooms	1,601 to 1,700 gallons	\$508.75
18 bedrooms	1,701 to 1,800 gallons	\$540.00
19 bedrooms	1,801 to 1,900 gallons	\$571.25
20 bedrooms	1,901 to 2,000 gallons	\$602.50

For design daily flows over 2,000 gallons, the monthly charge on all system configurations will be the 1,901 to 2,000 gallon rates plus an additional monthly charge of \$255.00 per 1,000 gallons or prorated portion thereof.

C/I

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

M

Excess Water Usage Surcharge

1 gallon to 1,000 gallons above expected design flow	\$175.00
1,001 gallons to 2,000 gallons above expected design flow	\$200.00
Over 2,000 gallons above expected design flow	\$200.00/1000 gals

M

If the water meter readings exceed the design flow or analysis indicates that effluent characteristics are not as indicated by the customer's design engineer, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system or upgrading the treatment for the greater loading will be paid by the customer.

M

Fees: Nonpayment – 5% Disconnection - \$10.00 Reconnection - \$15.00 Returned Check - \$20.00.

M

Wastewater Utility Service

COMMERCIAL RATE (CAMPGROUNDS)

This rate is designed for systems serving commercial campgrounds with expected daily design flows of 5,000 gallons per day.

Rate per month.....\$824.64 | **C/I**

Effective October 22, 2007, \$199.64 of the commercial campground rate will be placed in the Company's escrow account.

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply: | **C**

Excess Water Usage Surcharge

1 gallon to 1,000 gallons above expected design flow	\$175.00
1,001 gallons to 2,000 gallons above expected design flow	\$200.00
Over 2,000 gallons above expected design flow	\$200.00/1000 gals

 | **C**

If the water meter readings exceed the design flow or analysis indicates that effluent characteristics are not as indicated by the customer's design engineer, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system or upgrading the treatment for the greater loading will be paid by the customer. | **C**

Fees: Nonpayment – 5% Disconnection - \$10.00 Reconnection - \$15.00 Returned | **C**
Check - \$20.00.

Wastewater Utility Service

COMMERCIAL RATE (WITH FOOD SERVICE)

This rate is designed for systems that treat wastewater with high strength waste or require special maintenance schedules. Examples are applications such as restaurants, snack bars, cafeterias, food processing or catering, other commercial application that does not produce typical domestic waste quality characteristics.

T

The sewer bill will be charged on a monthly basis. The customer will provide a system that has an expected design flow and quality characteristics. Special conditions such as high treatment requirement or high flows may make other systems than addressed in this initial petition necessary. Limestone Water will need to petition for rates on a case by case basis for such systems.

T

Billing rates are based on design flow as required. The monthly charges in the table below shall apply based on the expected design flow.

T

Expected Design Flow	Service Charge
300 gallons or less	\$ 112.92
301 to 400 gallons	\$ 144.49
401 to 500 gallons	\$ 174.84
501 to 600 gallons	\$ 205.20
601 to 700 gallons	\$ 241.63
701 to 800 gallons	\$ 278.05
801 to 900 gallons	\$ 314.48
901 to 1000 gallons	\$ 350.90
1001 to 1100 gallons	\$ 389.15
1101 to 1200 gallons	\$ 427.40
1201 to 1300 gallons	\$ 465.65
1301 to 1400 gallons	\$ 503.89
1401 to 1500 gallons	\$ 541.84
1501 to 1600 gallons	\$ 579.78
1601 to 1700 gallons	\$ 617.72
1701 to 1800 gallons	\$ 655.67
1801 to 1900 gallons	\$ 693.61
1901 to 2000 gallons	\$ 731.56

Wastewater Utility Service

COMMERCIAL RATE (WITH FOOD SERVICE)—Continued

For design daily flows over 2,000 gallons, the monthly charge on all system configurations will be the 1,901 to 2,000 gallon rates plus and additional \$310.00 per 1,000 gallons or prorated portion thereof.

T/I

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

M

Excess Water Usage Surcharge

1 gallon to 1,000 gallons above expected design flow	\$210.00
1,001 gallons to 2,000 gallons above expected design flow	\$220.00
Over 2,000 gallons above expected design flow	\$220.00/1000 gals

M

If the water meter readings exceed the design flow or analysis indicates that effluent characteristics are not as indicated by the customer's design engineer, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system or upgrading the treatment for the greater loading will be paid by the customer.

M

Fees: Nonpayment – 5% Disconnection - \$10.00 Reconnection - \$15.00 Returned Check - \$20.00.

M

Wastewater Utility Service

COMMERCIAL RATE (COMBINED SERVICES or HIGH STRENGTH WASTE)

T

This rate is designed for systems that treat wastewater with high strength waste or require special maintenance schedules.

T

Combined Services: This rate service is for facilities that may have more than one wastewater flow that is made up of different types of effluent discharge quality. Each independent use that contributes to the wastewater production will be characterized. Rates will be evaluated based on equipment needed for treatment and the level of management required for treatment. Examples are a facility with offices, food service, locker/shower rooms, swimming pools, buildings with laundry facilities, distilleries, breweries, medical or dental offices, car washes, recreational vehicle campgrounds, truck and/or auto plazas or any other commercial application that does not produce typical domestic waste quality characteristics.

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High Strength Waste: This rate service is for facilities that produce wastes that require treatment of unique effluents. High Strength Waste can be described as effluents that have high Chemical Oxygen Demand (COD), High Biochemical Oxygen Demand (BOD), High Nitrogen components such as Ammonia, Nitrates, high Total Suspended Solids (TSS), heavy metals, or other factors that affect treatment plant configurations. Rates will be evaluated based on equipment needed for treatment and the level of management required for treatment. Examples are distilleries, breweries, medical or dental offices, car washes, truck and/or auto plazas, industrial or industrial pretreatment applications, or any other commercial application that does not produce typical domestic waste quality characteristics.

T

The sewer bill will be charged on a monthly basis. The customer will provide a system that has an expected design flow and quality characteristics. Special conditions such as high treatment requirement or high flows may make other systems than addressed in this initial petition necessary. Limestone Water will need to petition for rates on a case by case basis for such systems.

T

The monthly charges in the following rate schedule shall apply:

<u>Combined Services or High Strength Customer</u>	<u>Service Charge</u>
Sterling Springs HOA (700 GPD)	\$151.51
Jakes Creek Distillery (1,000 GPD)	\$190.80
Valley Mart Exxon (2,000 GPD)	\$311.75

C/I

Wastewater Utility Service

**COMMERCIAL RATE (COMBINED SERVICES or HIGH STRENGTH WASTE)-- T
Continued**

Additional surcharges will apply when customers exceed their expected design flows. For any month that a customer's water meter reading exceeds the expected design flow, the following surcharges will apply:

C

Excess Water Usage Surcharge

1 gallon to 1,000 gallons above expected design flow	\$210.00
1,001 gallons to 2,000 gallons above expected design flow	\$220.00
Over 2,000 gallons above expected design flow	\$220.00/1000 gals

C

If the water meter readings exceed the design flow or analysis indicates that effluent characteristics are not as indicated by the customer's design engineer, the monthly charge will be revised to reflect the increased usage and any capital costs associated with increasing the capacity of the system or upgrading the treatment for the greater loading will be paid by the customer.

C

Fees: Nonpayment – 5% Disconnection - \$10.00 Reconnection - \$15.00 Returned Check - \$20.00.

C

Attachment No. 1

List of Required Practices

BIOLOGICAL SYSTEM USERS MANUAL

The ability of your natural and biological systems performance is affected by the materials introduced into the system. The following is a summary of some of the items that are bad management and good management practices. A knowledgeable user can prevent premature failures and eliminate costly repairs.

Items that cause problems and failure of this system are:

- Garbage disposal use
- Excessive sludge or scum accumulation in septic tank
- Improper fabric softeners and whiteners
- Grease and oils from cooking and washing
- Hair
- Disposable and non-disposable diapers, rags, cigarette butts, coffee grounds, feminine hygiene products, plastic and rubber products, condoms, and chemical cleaners
- Any non-biologically degradable substances
- Water usage over design limits

A properly maintained septic tank provides a high degree of treatment and yields an effluent that is relatively free of grease and solids that can clog the effluent. The best practice is not to discharge anything into a septic system that is poisonous or that may inhibit the abilities of the biologically functioning septic tank. A good rule of thumb should be to not discharge anything into the system that can not be ingested. This would not include toilet paper and mild detergents.

The following management practices and recommendations should be followed:

GOOD MANAGEMENT PRACTICES

- Communicate with the operator or the operator's assistant (Operator) if anything about your system is out of the ordinary. Upon the first indication of a visual or audible alarm, call the Operator.
- Contact IRM Utilities, Inc. prior to the installation of any new landscaping or the construction of permanent structures. It will be critical to coordinate any work to ensure that the integrity of the biological system and lines are protected.
- Maintain toilet bowl hardware so as to prevent leaky conditions and excess water use and waste.
- Collect grease in a container rather than pouring down the drain.

POOR MANAGEMENT PRACTICES

- Don't connect rain gutters or storm drains or allow other surface water to get into your septic system.
- Don't use excessive quantities of water. Use water saving devices such as low flow shower heads and low volume flush toilets.
- Don't allow toilets to become a problem. Repair leaky toilets, faucets, or plumbing fixtures (leaky toilets can result in flows of 1,000 gallons or more per day),
- Don't dump recreational vehicle (RV) waste into your septic tank.
- Don't flush undesirable substances into the sewer. **Flushing flammable and toxic products is a dangerous practice.** Other materials such as paper towels, rags, newspapers, cigarettes, coffee grounds, egg shells, sanitary napkins, condoms, large amounts of hair, and cooking grease are a maintenance nuisance and will result in frequent pumping of septage from the tank.
- Don't use garbage disposal systems to dispose of non-biodegradable materials because they increase the amount of solids entering the septic tank and will increase the frequency required for septage pumping. **Do not pour grease down the drain.**
- **Don't drain water softener backwash into the tank.** The backwash brine contains high levels of chlorides that can destroy the balance of the biological system, affect soil performance, and break down components of the system. The brine solution also interferes with the solid's sedimentation that occurs in the tank.
- Don't use special additives in your tank. **Additives do not improve the performance of the septic tanks and can cause major damage to other areas in the collection and treatment system.**
- Don't flush cat litter box medium down the toilets.