

**SUPERIOR WASTEWATER SYSTEMS**

**DOCKET 22-00087 JOINT RATE CASE**

**UNREDACTED (CLEAN) PROPOSED  
TARIFF SHEETS**

# **Superior Wastewater Systems**

## **Wastewater Service Tariff**

### **TPUC #1 Residential Services**

**Superior Wastewater Systems  
Wastewater Service Billing Summary**

<b>System</b>	<b>Monthly Charge</b>	
Ashby Communities – Sheet 2	\$50.10	( I )
Hill and Roberts Parcels – Sheet 3	54.34	( I )
Fox Parcel – Sheet 4	54.34	( I )
Taliaferro Road Parcel – Sheet 5	54.34	( I )

**Superior Wastewater Systems  
Ashby Communities Billing Rates**

	<b>Monthly Charge</b>	
Base Rate Charge	\$44.21	( I )
Escrow Charge	10.13	
Bonding Charge **	-4.24	
<b>Total</b>	<b>\$50.10</b>	( I )

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

<b>Total Bonding Cost</b>		
Amount of Bond	<b>\$147,500</b>	
Interest Rate	<u><b>7.95%</b></u>	(1% Letter of Credit + 6.95% Debt Funding)
Bond Pass-Thru Cost	<b>\$11,726</b>	
Less Prior Recovered Cost	<u><b>24,744</b></u>	
Total Surcharge/(Refund)	<b>\$-13,018</b>	
Projected Bills	<u><b>3,067</b></u>	(256 Customers * 12 Months)
Total	<b>\$-4.24</b>	

Issued By:  
John Powell, President & General Manager

**Superior Wastewater Systems  
Hill and Roberts Parcel Billing Rates**

	<b>Monthly Charge</b>	
Base Rate Charge	\$44.21	( I )
Escrow Charge	10.13	
Bonding Charge **	0.00	
<b>Total</b>	<b>\$54.34</b>	( I )

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

**Superior Wastewater Systems  
Fox Parcel Billing Rates**

	<b>Monthly Charge</b>	
Base Rate Charge	\$44.21	( I )
Escrow Charge	10.13	
Bonding Charge **	0.00	
<b>Total</b>	<b>\$54.34</b>	( I )

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

**Superior Wastewater Systems  
Taliaferro Road Parcel Billing Rates**

	<b>Monthly Charge</b>	
Base Rate Charge	\$44.21	( I )
Escrow Charge	10.13	
Bonding Charge **	0.00	
<b>Total</b>	<b>\$54.34</b>	( I )

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

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(M) **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 Operator/Engineer and must be approved by the company. Design and construction of sewer lines shall meet the requirements of the State of Tennessee Department of Environment and Conservation (TDEC), in addition to this specification. Where conflicts exist, the more restrictive shall govern.
2. All sewage collection system components are to be water tight and free of Inflow and Infiltration. 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 watertight.
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 per operator/engineer's design and in all cases SDR-21 class 2000 will be the minimum allowable.
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.

(M) **Special Pretreatment Sewage Requirements**

For all sewage connections the company reserves the right to require any nonresidential user to provide special pre-treatment for any high strength effluent before discharge into its sewage system. The company may, upon the basis of recognized operator/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) for an effluent collection system, supplied to them by Superior Wastewater Systems. (Attachment No. 2). These requirements prohibit the dumping of any toxic chemicals, non-

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**SUPERIOR WASTEWATER SYSTEMS**

**DOCKET 22-00087 JOINT RATE CASE**

**REDLINE PROPOSED TARIFF SHEETS**

# **Superior Wastewater Systems**

## **Wastewater Service Tariff**

**TPUC #1**

**~~Cost of~~ Residential Services**

Superior Wastewater Systems  
TPUC #~~3~~1  
Wastewater Tariff

~~Sixth-First~~ Revised Sheet #1  
Replacing ~~Fifth~~ Sheet #1  
Effective Date: ~~August~~ November 1, 2022

**Superior Wastewater Systems  
Wastewater Service Billing Summary**

<b>System</b>	<b>Monthly Charge</b>
Ashby Communities – Sheet 2	<del>\$30.87</del> <u>50.10</u>
Hill and Roberts Parcels – Sheet 3	<del>35.11</del> <u>54.34</u>
Fox Parcel – Sheet 4	<del>35.11</del> <u>54.34</u>
Taliaferro Road Parcel – Sheet 5	<del>35.11</del> <u>54.34</u>

Issued By:  
John Powell, President & General Manager

**Superior Wastewater Systems  
Ashby Communities Billing Rates**

	<b>Monthly Charge</b>
Base Rate Charge	<del>\$24.98</del> <u>44.21</u>
Escrow Charge	10.13
Bonding Charge **	-4.24
<b>Total</b>	<del>\$30.87</del> <u>50.10</u>

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
<del>Access</del>	<del>\$84.00</del>

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

<b>Total Bonding Cost</b>		
Amount of Bond	<b>\$147,500</b>	
Interest Rate	<u><b>7.95%</b></u>	<b>(1% Letter of Credit + 6.95% Debt Funding)</b>
Bond Pass-Thru Cost	<b>\$11,726</b>	
Less Prior Recovered Cost	<u><b>24,744</b></u>	
Total Surcharge/(Refund)	<b>\$-13,018</b>	
Projected Bills	<u><b>3,067</b></u>	<b>(256 Customers * 12 Months)</b>
Total	<b>\$-4.24</b>	

**Superior Wastewater Systems  
Hill and Roberts Parcel Billing Rates**

	<b>Monthly Charge</b>
Base Rate Charge	<del>\$24.98</del> <del>44.21</del>
Escrow Charge	10.13
Bonding Charge **	0.00
<b>Total</b>	<del>\$35.11</del> <del>54.34</del>

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
<del>Access</del>	<del>\$84.00</del>

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

**Superior Wastewater Systems  
Fox Parcel Billing Rates**

	<b>Monthly Charge</b>
Base Rate Charge	<del>\$24.98</del> <del>44.21</del>
Escrow Charge	10.13
Bonding Charge **	0.00
<b>Total</b>	<del>\$35.11</del> <del>54.34</del>

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
<del>Access</del>	<del>\$84.00</del>

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

**Superior Wastewater Systems  
Taliaferro Road Parcel Billing Rates**

	<b>Monthly Charge</b>
Base Rate Charge	<del>\$24.98</del> <del>44.21</del>
Escrow Charge	10.13
Bonding Charge **	0.00
<b>Total</b>	<del>\$35.11</del> <del>54.34</del>

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
<del>Access</del>	<del>\$84.00</del>

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

Superior Wastewater Systems

Operation and Maintenance Costs

Collection Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
1	Collection System Tank Pumping	\$3.10	\$3.10
2	Collection System Equipment Replacement	3.25	3.25
3	Collection System Preventative Maintenance	1.10	0.00
4	Collection System Service Calls	1.50	0.00
	Total	\$8.95	\$6.35



Superior Wastewater Systems

Treatment System Costs

Sand/Gravel Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
5	Treatment System Tank Pumping	\$2.53	\$0.00
6	Treatment System Equipment Replacement	0.80	0.00
7	Treatment System Preventative Maintenance	2.90	2.90
	Total	\$6.23	\$2.90

Superior Wastewater Systems

Treatment System Costs

Lagoon Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
8	Treatment System Preventative Maintenance	\$1.10	\$0.00
9	Treatment System Trouble Calls	0.30	0.00
10	Treatment System Equipment Replacement	1.20	1.20
	Total	\$2.60	\$1.20

Superior Wastewater Systems

Utility Costs

All Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
11	Utility Costs — Systems with Sand/Gravel Filter Treatment	\$0.80	\$0.00
12	Utility Costs — Systems with Lagoon Treatment	0.30	0.00
13	Utility Costs — Systems with Pump Stations	0.50	0.00
14	Utility Costs — Systems with Metering Stations	0.35	0.00

Superior Wastewater Systems

Disposal System Costs

Drip Irrigation Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
15	Disposal Costs—Preventive Maintenance	\$0.45	\$0.00
16	Disposal Costs—Trouble Calls	0.20	0.00
17	Disposal Costs—Equipment Replacement Costs	0.88	0.88
	—Total	\$1.53	\$0.88

Superior Wastewater Systems

Sampling, Testing and Reporting Costs

All Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
18	Sampling, Testing and Reporting Costs—Systems with Drip Irrigation Disposal	\$7.00	\$0.00
19	Sampling, Testing and Reporting Costs—Systems with Lagoon Disposal	9.20	0.00

Superior Wastewater Systems

Billing and Collecting Costs

All Systems

Tariff Item #	Description	Monthly Amount	Monthly Escrow
20	Billing and Collecting Costs All Systems	\$1.50	\$0.00

**Superior Wastewater Systems  
Miscellaneous Costs**

**All Systems**

<b>Tariff Item #</b>	<b>Description</b>	<b>Monthly Amount</b>	<b>Monthly Escrow</b>
21	Miscellaneous Costs—Rate Regulatory Expense	\$0.40	\$0.00
22	Miscellaneous Costs—Environmental Regulatory Expense	0.52	0.00
23	Miscellaneous Costs—Bonding Cost Pass Through	**	0.00
24	Miscellaneous Costs—Bonding Cost Pass Through	**	0.00
25	Miscellaneous Costs—Franchise Taxes	0.52	0.00
26	Miscellaneous Costs—Excise Taxes	0.30	0.00
27	Miscellaneous Costs—Property Taxes	0.95	0.00
28	Miscellaneous Costs—Federal Taxes	1.11	0.00
29	Miscellaneous Costs—Local Management Fee	2.00	0.00
30	Miscellaneous Costs—Corporate Management Fee	2.80	0.00
31	Miscellaneous Costs—County/City imposed Treatment Cost Pass Through	**	0.00
	<b>—Total</b>	<b>\$8.60</b>	<b>\$0.00</b>

\*\* These costs are passed through without markup to customers as charged by local taxing agencies.

### ~~Sewer System Access Fee~~

~~The owner of each property parcel which is provided a tap or the availability of a tap, when the sewer system is built, will be required to pay a sewer access fee of \$84.00 per year. This fee will be payable each year by December 15<sup>th</sup>, for owners of record, as of December 1<sup>st</sup>. As each customer attaches to the sewer and signs up for service, they will pay a pro-rated access fee for that year and thereafter the fee will not be charged.~~

### Engineering, Materials and Construction Standards

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### Special Pretreatment Sewage Requirements

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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) for an effluent collection system, supplied to them by Superior Wastewater Systems. (Attachment No. 2). These requirements prohibit the dumping of any toxic chemicals, non-



**~~Superior Wastewater Systems~~**

**~~Wastewater Service Tariff~~**

**~~TPUC #3~~**  
**~~Residential Services~~**

Superior Wastewater Systems

Wastewater Service Billing Summary

System	Monthly Charge
Ashby Communities Sheet 2	\$30.87
Hill and Roberts Parcels Sheet 3	35.11
Fox Parcel Sheet 4	35.11
Taliaferro Road Parcel Sheet 5	35.11

## Superior Wastewater Systems Ashby Communities Billing Rates

	Monthly Charge	Escrowed Amount
Collection System Operation and Maintenance (Tariff Items 1—4)	\$8.95	\$6.35
Treatment System Cost (Tariff Items 5—7)	6.23	2.90
Utility Cost (Tariff Items 11 and 13)	1.30	0.00
Disposal System Cost (Tariff Items 15—17)	1.53	0.88
Sampling and Testing Cost (Tariff Item 18)	7.00	0.00
Billing and Collection Cost (Tariff Item 20)	1.50	0.00
Miscellaneous Cost (Tariff Items 21—30 excluding Bonding)	8.60	0.00
Bonding Cost (Pass Through) **	-4.24	0.00
<b>Total</b>	<b>\$30.87</b>	<b>\$10.13</b>

### Incidental Rates:

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
Access	\$84.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

<b>Total Bonding Cost</b>	
Amount of Bond	\$147,500
Interest Rate	7.95% (1% Letter of Credit + 6.95% Debt Funding)
Bond Pass-Thru Cost	\$11,726
Less Prior Recovered Cost	24,744
Total Surcharge/(Refund)	\$-13,018
Projected Bills	3,067 (256 Customers * 12 Months)
<b>Total</b>	<b>\$-4.24</b>

**Superior Wastewater Systems  
Hill and Roberts Parcel Billing Rates**

	<b>Monthly Charge</b>	<b>Escrowed Amount</b>
Collection System Operation and Maintenance (Tariff Items 1—4)	\$8.95	\$6.35
Treatment System Cost (Tariff Items 5—7)	6.23	2.90
Utility Cost (Tariff Items 11 and 13)	1.30	0.00
Disposal System Cost (Tariff Items 15—17)	1.53	0.88
Sampling and Testing Cost (Tariff Item 18)	7.00	0.00
Billing and Collection Cost (Tariff Item 20)	1.50	0.00
Miscellaneous Cost (Tariff Items 21—30 excluding Bonding)	8.60	0.00
Bonding Cost (Pass Through) **	0.00	0.00
<b>Total</b>	<b>\$35.11</b>	<b>\$10.13</b>

**Incidental Rates:**

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
Access	\$84.00

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## Superior Wastewater Systems Fox Parcel Billing Rates

	Monthly Charge	Eserowed Amount
Collection System Operation and Maintenance (Tariff Items 1—4)	\$8.95	\$6.35
Treatment System Cost (Tariff Items 5—7)	6.23	2.90
Utility Cost (Tariff Items 11 and 13)	1.30	0.00
Disposal System Cost (Tariff Items 15—17)	1.53	0.88
Sampling and Testing Cost (Tariff Item 18)	7.00	0.00
Billing and Collection Cost (Tariff Item 20)	1.50	0.00
Miscellaneous Cost (Tariff Items 21—30 excluding Bonding)	8.60	0.00
Bonding Cost (Pass Through) **	0.00	0.00
<b>Total</b>	<b>\$35.11</b>	<b>\$10.13</b>

### Incidental Rates:

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
Access	\$84.00

**\*\* Bonding Cost incurred is passed through to the customer with no markup by the Company.**

## Superior Wastewater Systems Taliaferro Road Parcel Billing Rates

	Monthly Charge	Escrowed Amount
Collection System Operation and Maintenance (Tariff Items 1—4)	\$8.95	\$6.35
Treatment System Cost (Tariff Items 5—7)	6.23	2.90
Utility Cost (Tariff Items 11 and 13)	1.30	0.00
Disposal System Cost (Tariff Items 15—17)	1.53	0.88
Sampling and Testing Cost (Tariff Item 18)	7.00	0.00
Billing and Collection Cost (Tariff Item 20)	1.50	0.00
Miscellaneous Cost (Tariff Items 21—30 excluding Bonding)	8.60	0.00
Bonding Cost (Pass Through) **	0.00	0.00
<b>Total</b>	<b>\$35.11</b>	<b>\$10.13</b>

### Incidental Rates:

Late Payment	5% of Bill.
Disconnection	\$10.00
Reconnection	\$15.00
Returned Check	\$20.00
Access	\$84.00

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Issued By:  
John Powell, President & General Manager