



DATA SHEET
Agenda Item No. 12.

Meeting Date: September 7, 2017

Agenda Item:

Consider Adoption of Rates for Services provided by District.

Placement: <input type="checkbox"/> Consent <input checked="" type="checkbox"/> Individual Consideration <input type="checkbox"/> Executive Session
Vote: <input checked="" type="checkbox"/> Non-Weighted <input type="checkbox"/> Weighted Capital
Recommending Department: Business

Background:

Each year the District reviews the revenue requirements for all District programs and systems and adopts appropriate rates to support the budgets. The attached Resolutions cover proposed rates for services provided by the District, except for certain fees and charges otherwise provided in various contracts. Staff is pleased to report that the proposed rates are the same as the preliminary rate estimates discussed with the Board and previously sent to Customers for budget preparation purposes. Following is a summary of the rate resolutions:

Regional Treated Water System: The Volume Rate is recommended to remain at the FY17 amount of \$1.11 per 1,000 gallons. The Demand Charge is recommended to increase from \$411,500 per MGD to \$428,200 per MGD. Overall, this equates to a 3.0% increase, based on the District's average 36% load factor.

Lakeview Regional Water Reclamation System: The Treatment Rate is recommended to remain at the FY17 amount of \$1.25 per 1,000 gallons. The Fixed O&M Charge is recommended to remain at the FY17 amount of \$392,200 per MGD. The Joint and Individual Capital Charges are combined as one charge and calculated for each participant based on their actual debt service in the System. There is an overall reduction by 2% in the Joint and Individual Capital Charges, resulting in a 0.0% increase in costs.

Northeast Regional Water Reclamation System – Riverbend and Doe Branch Plants: The Treatment Rate is recommended to remain at the FY17 amount of \$1.25 per 1,000 gallons. The Joint Fixed O&M rate is recommended to increase from \$490,000 per MGD to \$521,350 per MGD of subscribed capacity. The Joint and Individual Capital Charges are combined as one charge and calculated for each participant based on their actual debt service in the System. Riverbend participants will see an approximate 1.0% increase for Joint and Individual Capital Charges while Doe Branch participant, Celina, will see a larger increase due to the first-year principal payment on the Series 2014 Doe Branch bonds.

Peninsula Water Reclamation Plant: The Treatment Rate is recommended to remain at the FY17 amount of \$1.25 per 1,000 gallons. The Fixed O&M Rate is recommended to remain at the FY17 amount of \$597,500 per MGD. The Joint Capital Charges are based on debt service and is \$72,445. The combined effect is 0.0% increase in costs.

Non-Potable Water Service: The Treated Effluent Rate is recommended to remain at the FY17 amount of \$0.54 per 1,000 gallons. The Raw Water Rate is recommended to increase from \$1.00 per 1,000 gallons to \$1.10 per 1,000 gallons due to a 12.1% increase in raw water cost from Dallas Water Utilities. The Demand Charge is recommended to decrease from \$150,000 to \$125,000. The combined effect is a 12% reduction in costs.

Household Hazardous Waste: Staff recommends a \$3.00 rate increase for collection events and disposal from \$88 per household to \$91 per household. Additionally, the same rate increase is recommended for the individual Fort Worth voucher, from \$58 per household to \$61 per household. The rate increases are related to disposal costs by City of Fort Worth.

Administration and Planning: These fees are provided in the Annual Budget, rather than by Resolution. No increase is recommended in these fees for the upcoming fiscal year.

Financial:

The various rate adjustments are calculated to cover the District's cost and to provide for appropriate reserves.

Recommendation:

That the Board adopt the enclosed Resolution to establish rates and charges for FY 2017-2018.

Enclosures:

- A. Wholesale rates for Regional Treated Water System
- B. Wholesale rates for Lakeview Regional Water Reclamation System
- C. Wholesale rates for Northeast Regional Water Reclamation System
- D. Wholesale rates for Peninsula Water Reclamation Plant
- E. Wholesale rates for Non-Potable Water Service
- F. Rates for collection of Household Hazardous Waste

Submitted By:



Kim Probasco, Budget and Financial Planning Manager

Date: September 1, 2017



RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING WHOLESALE WATER RATES FOR PARTICIPATING MEMBERS AND CUSTOMERS OF THE REGIONAL TREATED WATER SYSTEM.

WHEREAS, the District, pursuant to participation contracts, provides wholesale treated water service for Members and Customers participating in the Regional Treated Water System; and,

WHEREAS, the District may enter into contracts for wholesale service with other Members and Customers in the future; and,

WHEREAS, the District desires that Participating Members and Customers maintain usage that will protect the Regional Treated Water System and generate an efficient load factor year around; and

WHEREAS, under guidelines promoted by State regulatory agencies, the District and its wholesale customers are expected to have rate structures that encourage conservation of water; and,

WHEREAS, each participant in the Regional Treated Water System is responsible for their pro-rata share of costs; and,

WHEREAS, as used in this resolution, the term "Water Year" refers to the annual period from June 1 to May 30 of each year; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the District bills for Demand based on subscribed (contracted) capacity, or actual experience or need, whichever is greater, in accordance with provisions of water contracts, which Demand may increase and be billed in increments of 100,000 gallons. Initial subscriptions for new participants typically are based on estimated Demands over a three to five-year period. Increases in Demand requested during the Water Year will require retroactive payment of Demand charges for the amount being requested back to the beginning of the Water Year; and,

WHEREAS, the Executive Director recommends adoption of the following rates for wholesale water services of the System; and,

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following rates for wholesale water service provided to participants in the Regional Treated Water System:

Member Volume Charge: \$1.11 per 1,000 gallons of water delivered and metered.

Customer Volume Charge: \$1.19 per 1,000 gallons of water delivered and metered.

Demand Charge: \$428,200 per year, per million gallons per day (mgd) of contracted Demand, pro-rated on a monthly basis (based on actual experienced or needed Demand or subscribed capacity, whichever is greater).

SECTION 2. That, except as otherwise provided, the Board of Directors does hereby adopt the following optional wholesale water rate (flat rate) for Member entities contracted for 0.50 mgd or less of capacity, or for others requiring temporary water for construction or other purposes.

Volume Charge: \$4.46 per 1,000 gallons of water delivered and metered.

SECTION 3. That for every Water Year, each participant in the Regional Treated Water System shall take or pay for a minimum daily volume of water from the System equal to eighteen percent (18%) of the highest peak Demand actually taken from the System over the preceding five (5) Water Years.

SECTION 4. That the Executive Director is hereby authorized to establish temporary minimum take or pay flow requirements for specific pipelines if the Executive Director determines such to be reasonable and necessary to maintain water quality requirements or to comply with State or Federal Water Quality Standards.

SECTION 5. That the rates and provisions set forth in Sections 1 through 4 shall become effective October 1, 2017, and shall remain in effect through September 30, 2018, or until revised by the Board of Directors.

SECTION 6. That such other fees and charges which the Board of Directors may establish from time to time for participation in the Regional Treated Water System, for participation in other projects, and for the cost of Administration and Planning shall apply, in addition to the rates, fees and charges established in this Resolution.

SECTION 7. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended: Thomas E. Taylor
Thomas E. Taylor, Executive Director

Executed: _____
Kevin Mercer, President

Attest: _____
Mike Fairfield, Secretary





RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING RATES FOR WHOLESALE WASTEWATER TREATMENT SERVICES PROVIDED BY THE DISTRICT TO PARTICIPATING MEMBERS OF THE LAKEVIEW REGIONAL WATER RECLAMATION SYSTEM.

WHEREAS, the District, pursuant to participation contracts, provides wholesale wastewater treatment service for Members participating in the Lakeview Regional Water Reclamation System; and,

WHEREAS, each participant in the System is responsible for a pro-rata share of System costs; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the Executive Director recommends adoption of rates for wholesale wastewater treatment services of the System.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following rates for wholesale wastewater treatment service provided to participants in the Lakeview Regional Water Reclamation System:

Treatment / Transportation Rate:	\$ 1.25 per 1,000 gallons
Fixed O&M Charge:	\$392,200 per million gallons per day (mgd).
Joint Facilities Capital Charge:	Joint and Individual Capital Charges are combined and identified by individual entity.

Capital Charge for Joint / Individual Facilities:

Corinth	\$ 752,225
Highland Village	\$ 912,615
Lake Cities MUA	\$ 535,455
Double Oak	\$ 13,930
Denton County FWSD #7	\$ 794,990
Bartonville	\$ 21,570

SECTION 2. That should the Biochemical Oxygen Demand (BOD) or Total Suspended Solids (TSS) delivered by any participant to the System exceed 250 mg/l, the following surcharges will apply in addition to the rates set forth in Section 1:

Biochemical Oxygen Demand Surcharge: \$ 0.007 x (BOD-250) per 1,000 gallons
Total Suspended Solids Surcharge: \$ 0.005 x (TSS-250) per 1,000 gallons

SECTION 3. That Lake Cities Municipal Utility Authority will be given a credit on their flows delivered directly to the plant at the estimated transportation cost (\$0.07) per 1,000 gallons. Individual transportation charges between Double Oak & Highland Village, between Bartonville & DCFWSD #7, and between Corinth & DCFWSD #7 are established pursuant to respective contracts.

SECTION 4. That the rates and charges set forth in Sections 1 and 2 shall become effective October 1, 2017 and shall remain in effect until September 30, 2018, or until revised by the Board of Directors.

SECTION 5. That such other fees and charges which the Board of Directors may establish from time to time for participation in the Lakeview Regional Water Reclamation System, for participation in other projects, and for the cost of Administration and Planning shall apply in addition to the rates and charges established in this Resolution.

SECTION 5. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended:



Thomas E. Taylor, Executive Director

Executed:

Kevin Mercer, President

Attest:

Mike Fairfield, Secretary





RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING RATES FOR WHOLESALE WASTEWATER TREATMENT SERVICES PROVIDED BY THE DISTRICT FOR PARTICIPATING MEMBERS AND CUSTOMERS OF THE NORTHEAST REGIONAL WATER RECLAMATION SYSTEM.

WHEREAS, the District, pursuant to participation contracts, provides wholesale wastewater treatment service for Members and Customers participating in the Northeast Regional Water Reclamation System; and,

WHEREAS, each participant in the System is responsible for a pro-rata share of System costs; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the Executive Director recommends the adoption of rates for wholesale wastewater treatment services of the System.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following rates for wholesale wastewater treatment services provided to Members and Customers in the Northeast Regional Water Reclamation System.

Treatment Rate (Member):	\$1.25 per 1,000 gallons
Treatment Rate (Customer):	\$1.34 per 1,000 gallons
Fixed O&M Costs:	\$521,350 per year per million gallons per day (mgd) of contracted capacity in the Plant billed on a monthly basis.

Capital Charges for Joint / Individual Facilities

Riverbend:

Denton County FWSD #8A	\$167,850
Providence Village:	\$237,890
Denton County FWSD #10	\$ 92,235
Denton County FWSD #11A	\$ 76,445
Mustang SUD	\$ 37,855

Doe Branch:

Celina	\$1,138,760
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SECTION 2. That should the Biochemical Oxygen Demand (BOD) or Total Suspended Solids (TSS) delivered by any participant to the Plant exceed 250 mg/l, the following surcharges will apply in addition to the rates set forth in Section 1:

Biochemical Oxygen Demand Surcharge:	\$ 0.007 x (BOD-250) per 1,000 gallons
Total Suspended Solids Surcharge:	\$ 0.005 x (TSS-250) per 1,000 gallons

SECTION 3. That the rates and charges set forth in Sections 1 and 2 shall become effective October 1, 2017, and shall remain in effect until September 30, 2018, or until revised by the Board of Directors.

SECTION 4. That such other fees and charges which the Board of Directors may establish from time to time for participation in the Northeast Regional Water Reclamation System, for participation in other projects, and for the cost of Administration and Planning shall apply in addition to the rates and charges established in this Resolution.

SECTION 5. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended: 
Thomas E. Taylor, Executive Director

Executed: _____
Kevin Mercer, President

Attest: _____
Mike Fairfield, Secretary





RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING RATES FOR WHOLESALE WASTEWATER TREATMENT SERVICES PROVIDED BY THE DISTRICT FOR PARTICIPATING MEMBERS OF THE PENINSULA WATER RECLAMATION PLANT.

WHEREAS, the District, pursuant to participation contracts, provides wholesale wastewater treatment service to Members participating in the Peninsula Water Reclamation Plant; and,

WHEREAS, each participant in the Plant is responsible for a pro-rata share of costs; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the Executive Director recommends the adoption of rates for wholesale wastewater treatment services of the Plant.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following rates for wholesale wastewater treatment services provided to participants in the Peninsula Water Reclamation Plant:

Treatment Rate (Member):	\$1.25 per 1,000 gallons
Fixed O&M Costs:	\$597,500 per year per million gallons per day (mgd) of contracted capacity in the Plant, billed on a monthly basis.
Capital Charge for Joint Facilities	\$72,445

SECTION 2. That should the Biochemical Oxygen Demand (BOD) or Total Suspended Solids (TSS) delivered by any participant to the plant exceed 250 mg/l, the following surcharges will apply in addition to the rates set forth in Section 1:

Biochemical Oxygen Demand Surcharge:	\$ 0.007 x (BOD-250) per 1,000 gallons
Total Suspended Solids Surcharge:	\$ 0.005 x (TSS-250) per 1,000 gallons

SECTION 3. That the rates and charges set forth in Sections 1 and 2 shall become effective October 1, 2017, and shall remain in effect until September 30, 2018, or until revised by the Board of Directors.

SECTION 4. That such other fees and charges which the Board of Directors may establish from time to time for participation in the Peninsula Water Reclamation Plant, for participation in other projects, and for the cost of Administration and Planning shall apply in addition to the rates and charges established in this Resolution.

SECTION 5. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended: 
Thomas E. Taylor, Executive Director

Executed: _____
Kevin Mercer, President

Attest: _____
Mike Fairfield, Secretary





RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING RATES FOR NON-POTABLE WATER SERVICE.

WHEREAS, the District, pursuant to participation contracts, provides non-potable water service to Denton County Fresh Water Supply District No. 1A (FWSD No. 1A); and,

WHEREAS, until other customers are added, FWSD No. 1A is responsible for all costs of the facilities devoted to non-potable water service for FWSD No. 1A; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the Executive Director recommends the adoption of revised rates for non-potable water service.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following non-potable water rates for service provided to FWSD No. 1A:

Treated Effluent Volume Charge:	\$ 0.54 per 1,000 gallons of water delivered and metered
Raw Water Volume Charge*:	\$ 1.10 per 1,000 gallons of water delivered and metered
Demand Charge	\$ 125,000 per year, billed on a monthly basis

SECTION 2. That the rates set forth in Section 1 shall become effective October 1, 2017 and shall remain in effect through September 30, 2018, or until revised by the Board of Directors.

SECTION 3. That such other fees and charges which the Board of Directors may establish from time to time for participation in the Non-Potable Water System, for participation in other projects, and for the cost of Administration and Planning shall apply in addition to the rates, fees, and charges established in this Resolution.

SECTION 4. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended:


Thomas E. Taylor, Executive Director

Executed:

Kevin Mercer, President

Attest:

Mike Fairfield, Secretary



RESOLUTION

RESOLUTION # 2017 - _____

A RESOLUTION OF THE BOARD OF DIRECTORS OF UPPER TRINITY REGIONAL WATER DISTRICT ESTABLISHING RATES FOR COLLECTION AND DISPOSAL OF HOUSEHOLD HAZARDOUS WASTE.

WHEREAS, the District, pursuant to participation contracts, provides collection and disposal services for participants in the Household Hazardous Waste Program; and,

WHEREAS, the District's staff has evaluated the budgets for FY 2017-18 to determine current estimates of costs for FY 2017-18; and,

WHEREAS, the Executive Director recommends the adoption of rates for the Household Hazardous Waste Program.

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE UPPER TRINITY REGIONAL WATER DISTRICT:

SECTION 1. That the Board of Directors does hereby adopt the following rates for collection and disposal of household hazardous wastes pursuant to contracts with Participating Entities. Individual vouchers may be purchased from the District or from the Participating Entity pursuant to rules established by District.

- Event Collection and Disposal: \$ 91.00 per household – Participating Entities
- Event Voucher: \$ 91.00 per household – Citizen delivers to a scheduled Event
- Fort Worth Voucher: \$ 61.00 per household – Citizen delivers to the Fort Worth Environmental Site

SECTION 2. That the rates and charges set forth in Section 1 shall become effective October 1, 2017, and shall remain in effect until September 30, 2018 or until revised by the Board of Directors.

SECTION 3. That such other fees and charges which the Board of Directors may establish from time to time for participation in the program, and for the cost of Administration and Planning shall apply in addition to the rates and charges established in this Resolution.

SECTION 4. That this Resolution shall become effective immediately upon its passage.

DULY PASSED AND APPROVED THIS 7TH DAY OF SEPTEMBER 2017.

Recommended: Thomas E. Taylor
Thomas E. Taylor, Executive Director

Executed: _____
Kevin Mercer, President

Attest: _____
Mike Fairfield, Secretary