

Exhibit 2A

RED-LINE Of Tariff
Filed July 2, 2018

Tariff Wastewater - Pa. P.U.C. No. 1

THE PITTSBURGH WATER AND SEWER AUTHORITY

RATES, RULES AND REGULATIONS GOVERNING

THE PROVISION OF WASTEWATER CONVEYANCE SERVICE

TO THE PUBLIC IN THE TERRITORY DESCRIBED HEREIN

Issued: ~~July 2, 2018~~TBD

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LIST OF CHANGES

The Filing of the Initial Tariff.

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List of Territories Served

The City of Pittsburgh.

PART I: SCHEDULE OF RATES AND CHARGES

Section A - Wastewater Conveyance

1. Minimum Charge: Each customer will be assessed a service charge based upon the size of the customer's water meter as follows:

<u>Meter Size</u>	<u>Minimum Charge</u>	
	<u>Per Month</u>	<u>Minimum Gallons</u>
5/8"	\$118.28	1,000
3/4"	\$18.65 <u>16.77</u>	2,000
1"	\$40.27 <u>39.82</u>	5,000
1 1/2"	\$77.12 <u>82.24</u>	10,000
2"	\$128.21 <u>139.23</u>	17,000
3"	\$294.32 <u>317.57</u>	40,000
4"	\$509.61 <u>543.31</u>	70,000
6"	\$1,256.86 <u>302.21</u>	175,000
8"	\$2,318.86 <u>358.93</u>	325,000
10" or Larger	\$3,888.48 <u>883.88</u>	548,000

2. Conveyance Charge: In addition to the Minimum Charge, the following wastewater conveyance charges (based on water consumption/usage or wastewater flows, at the Authority's discretion) will apply for each 1,000 gallons above the Minimum Gallons for each meter size:

	<u>Consumption Charge</u>
	<u>Rate per 1000 Gals.</u>
Residential	\$6.56 <u>7.43</u>
Commercial	\$6.97 <u>56</u>
Industrial	\$7.03 <u>5.98</u>
Health or Education	\$7.30 <u>8.21</u>

3. Treatment Rate:

- a. In addition to the Minimum Charge and the Conveyance Charge, customers will be required to pay rates for Wastewater/Sewage treatment to Premises.
- b. The rates for Wastewater/Sewage treatment to Premises within the Authority's service area are established by ALCOSAN, and are paid by the Authority to ALCOSAN. Information on ALCOSAN's rates is available on its website.
- c. Wastewater/Sewage treatment charges may be reflected on Authority bills/invoices as ALCOSAN charges, basic service and sewage treatment.

Section A.1 - Wastewater Conveyance (Unmetered Service)

1. Customer Charge. As of September 1, 2018 enrollment for Unmetered Service will be closed and no new Unmetered Service customers will be accepted by the Authority. Customers who are receiving unmetered service will be assessed a monthly customer charge per unmetered connection as follows:

	Customer Charge <u>Per Month</u>
Residential (per unit)	\$25.99
Commercial	\$52.47

The continuation of unmetered service is subject to change. The Authority will develop and implement a metering plan which will identify all unmetered customers/accounts and provide for plans and timeframes for metering of all unmetered customers/accounts.

2. Treatment Rate: In addition to the Customer Charge, Customers who are receiving unmetered service will be required to pay rates for Wastewater/Sewage treatment to Premises, as set forth in Section A.3.

Section B - Bulk Wastewater Conveyance

1. Application: This schedule applies to all bulk wastewater conveyance for other wastewater utilities or public authorities.
2. Rates and Terms of Service: Contracts stipulating the negotiated rate and negotiated terms of Bulk Wastewater Conveyance may be entered into between the Authority and Customer or Applicant when the Authority, in its sole discretion, deems such offering to be economically advantageous to the Authority.

Section C - Returned Check Charge

A charge of \$30.45 will be assessed any time where a check which has been presented to the Authority for payment on account has been returned by the payor bank for any reason if the customer has not paid a returned check charge under PWSA's water tariff.

Section D - Reserved

Section E - Service Termination or Resumption Rates

The fee for service termination shall be \$75.13, if the customer has not paid a service termination fee under PWSA's water tariff.

The fee for resumption of service shall be \$25.38, if the customer has not paid a resumption fee under PWSA's water tariff. Provided that the fee for same day resumption of service is \$45.68.

Section F - Reserved

Section G - Collection Expenses and Fees described in the
Authority's Supplemental Service Conditions

1. ~~Servicing charges: The following servicing charges, expenses, and fees are adopted and approved as reasonable and recoverable whether or not enforcement proceedings have been initiated. These fees and charges will be payable by the delinquent Customer and added to the delinquency claim, and must be paid in full before the discharge and satisfaction of any delinquent claim.~~

<u>Expense Description</u>	<u>Amount</u>
Out of pocket expenses, including but not limited to the expense of title searches, investigators, and process servers	Actual Cost
Preparation and issuance of a no-lien letter	\$25.00
Postage expense	Actual Cost
Servicing expense related to collection of delinquent claims, which shall accrue on the first day of the month for the entire month or partial month. Gross collections, for the purpose of calculation, shall include the face amount of the delinquency, together with interest and lien costs for each delinquent claim collected. Lien costs are charges for the filing, satisfaction, revival, amendment, and transfer of delinquent claims. Gross collections do not include any record costs, attorney fees, or out of pocket expenses related to the collection of delinquent claims.	15% of Gross Collections

- a. ~~Liability for servicing expenses, out-of-pocket expenses and postage expenses authorized in this section accrue immediately upon the effective date for all delinquent claims due in 2008 and prior years originally billed more than 90 days from the effective date.~~
- b. ~~Liability for servicing expenses, out-of-pocket expenses and postage expenses authorized in this section shall accrue on the 91st day from the initial billing date for all unpaid delinquent claims for calendar years 2008 and thereafter not paid-in-full within 90 days of the initial billing for the delinquent claim.~~
- e. ~~Liability for expenses authorized by this section shall be retroactive to the date of each delinquent invoice.~~

2. ~~Enforcement expenses: In any enforcement proceeding, the following shall constitute reasonable expenses, necessary for the initiation and prosecution of legal proceedings:~~

<u>Expense</u>	<u>Amount</u>
Title search	Actual Cost, not to exceed \$250.00
Each bring down or update of title search in connection with entry of judgment, issuance of execution, listing for sale, or other action	\$50.00
Out-of-pocket expenses including but not limited to postage, non-Sheriff's service of process, investigation of whereabouts of interested parties	Actual Cost

3. ~~Flat rate fees, enforcement matters: The following schedule of attorney fees is adopted and approved as reasonable fees for all matters described, which fees shall be awarded to the~~

~~Authority, its agents, counsel, or assigns in each action initiated for the collection of delinquent accounts. The property Owner's obligation to pay the full amount of the flat fee for each phase of each action shall accrue on the initiation of any aspect of each phase. The full amount of each flat fee for each prior phase of the proceeding shall carry over and be due on a cumulative basis, together with the flat fee for each subsequent phase initiated.~~

<u>Activity</u>	<u>Flat Fee</u>
Preparation and filing of claim	\$150
Preparation and service of writ of <i>scire facias</i> or complaint in <i>assumpsit</i>, sheriff's direction for service, notice pursuant to Pa. R. Civ. P. 237.1, and preparation and filing of <i>praecipe</i> to settle and discontinue the action	\$450
Where there are federal judgments, federal mortgages, or other federal interests of record, notice, service, and presentation of appropriate motions	\$200
Preparation, filing, monitoring, and conclusion of amicable <i>scire facias</i> or consent judgment, including negotiation, preparation, and filing of pleading, acceptance of service, installment payment, and/or forbearance agreement and satisfaction	\$400
Entry of judgment, including preparation and filing of <i>praecipe</i> to enter judgment, notices of judgment, affidavit of non-	\$225

~~military status, and praecipe to satisfy
judgment~~

~~All documents necessary for execution of
judgment, including preparation of praecipe
for writ of execution, Sheriff's documents,
preparation and service of notices of
Sheriff's sale, garnishments, personal
property sales, staying writ of execution,
and attendance at one' Sheriff's sale.~~ \$700

~~Each continuance of Sheriff's sale at the
request of the defendant~~ \$100

~~Judicial sales pursuant to 53 Pa. S.A. §
7281, including preparation and service of
documents, court appearances, attendance at
sale and proposed schedule of distribution
of proceeds of sale~~ \$700

~~Preparation of installment payment agreement~~ \$150

~~Preparation, filing, and presentation of
motions, other than alternative service
motions, including but not limited to
motions to reassess damages, motions to
amend caption, motions to continue the
Sheriff's sale or other execution~~ \$200

4. ~~Hourly rate fees, enforcement matters: The following schedule of attorney fees is adopted and approved as reasonable fees for all matters described, which fees shall be awarded to the Authority, its agents, counsel, or assigns in each contested matter, and in all other matters not addressed in section G.3 above, undertaken in connection with the collection of delinquent accounts. Hourly rate matters include, but are not limited to, any matters where any defense, objection, motion, petition, or appearance is entered at any phase of any proceeding by or on behalf of any defendant or other interested party.~~

<u>Person</u>	<u>Hourly Fee</u>
Senior attorney (practicing law for 10 years or more)	\$185
Junior attorney (practicing law for fewer than 10 years)	\$160
Paralegals	\$100
Law clerks	\$65

a. ~~All time shall be recorded and charged in units of 0.1 of an hour.~~

~~In no event shall the Authority's right to charge and collect reasonable attorney fees pursuant to sections G.3 and G.4 be impaired by the fact that any delinquent claim may also include an attorney commission of 5 percent for delinquent claims filed prior to December 19, 1990. Any attorney fees assessed and collected under this or any prior regulations or resolutions shall be in addition to any 5 percent commission previously included in any delinquent claim or judgment.~~

Section H - Miscellaneous Charges and Fees

The following charges and fees will be adjusted annually for increases in the annual Consumer Price Index for the Pittsburgh area most recently published by the Bureau of Labor Statistics or any successor organization prior to such anniversary. If the change in the Consumer Price Index is 0% or is a decrease, there will be no automatic adjustment.

<u>Item</u>	<u>Charge or Fee*</u>
Certified mailing	\$11.28
History retrieval	\$15.23
Final bill	\$20.30

*Assessed per account.

Dye Test Application Processing Fees

Evidence of Compliance Statement	\$25.38
Temporary Evidence of Compliance Statement	\$25.38
Visual Inspection	\$75.00
Duplicate Evidence of Compliance Statement	\$25.38

Rider DIS - Demand Based Industrial Service

1. Applicability: This rate applies throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.
2. Availability: This rider is available to a Customer or Applicant when the Authority, in its sole discretion, deems such offering to be economically advantageous to the Authority and is limited to a Customer or Applicant that:
 - a. purchases wastewater conveyance from the Authority for industrial purposes;
 - b. enters into a Service Agreement for a term of not less than 2 years;
 - c. during the original and any renewal terms of the Service Agreement, agrees to purchase an average of 15 million gallons or greater volume of wastewater conveyance per month; and
 - d. has a viable competitive alternative to service from the Company and intends to select that alternative to the detriment of the Company and its other customers.

The Authority shall require documentation to establish, to the Authority's satisfaction, the existence of a competitive alternative. The Authority will require updates of competitive alternatives every five years. Such documentation may include, but is not limited to, an affidavit of the customer or, if the customer is a corporation, an affidavit of one or more of its officers.

3. Rate: The rate(s) to be charged qualifying customers under this rider will be as set forth in the Service Agreement, provided, however, that such rate(s): (1) shall not exceed the Maximum Rate; (2) shall not be less than the Minimum Rate; and (3) shall be subject to an Escalation Clause, as hereafter defined.

Maximum Rate: The Maximum Rate shall be the charges specified in the Authority's Rate Schedule that would otherwise apply to the qualifying customer absent this rider.

Minimum Rate: The Minimum Rate shall be sufficient to recover: (1) the Provision Cost of wastewater conveyance service; (2) the fixed costs associated with all new facilities added to serve the customer; and (3) some portion of the fixed costs of the Authority's other facilities. For purposes of this rider, the Provision Cost of wastewater conveyance service shall be the variable cost the Authority incurs to convey additional wastewater conveyance service, which consists of expenses for additional labor, electric power, materials and supplies, contract services, and other variable costs.

Escalation Clause: The rate set forth in the Service Agreement shall be subject to an Escalation Clause, during the original and any renewal terms of the Service Agreement, based upon changes in published price indices and/or changes in the Authority's cost of service, as the Authority and the qualifying customer shall agree.

4. Filing with the Pennsylvania Public Utility Commission/Confidentiality: Service Agreements entered into and between the Company and qualifying customers under this rider shall be filed with the Commission on a confidential basis within five (5) days of their execution and shall not be subject to disclosure except by Petition made to and granted by the Commission pursuant to 52 Pa. Code 1.74.

Rider BDP - Bill Discount Program (Residential)

1. Bill Discount Program: This rider is a program designed to enroll residential ratepayers who satisfy the criteria set forth below in a monthly discounted rate program

2. Availability: This rider is available for a Residential customer that meets the low-income criteria of 150% based on the Federal Poverty Level.
 - a. A residential ratepayer who meets the eligibility criteria should complete an application for the Bill Discount Program.

 - b. Eligible customers may be asked to verify income on an annual basis.

3. Rate: The rates for residential service under this tariff will be ~~50~~25% of the prevailing Minimum Service Charge under Part I, Section A. Any other rates, fees and charges will be at the prevailing amounts under this tariff.

PART II: Definitions:

The following words and phrases, when used in this tariff, shall have the meanings assigned below unless the context clearly indicates otherwise:

1. ALCOSAN: The Allegheny County Sanitary Sewer Authority, Allegheny County, Pennsylvania.
2. Applicant: A person or entity who applies to become a customer of the Authority in accordance with Part III, Section A, of this tariff.
3. Authority or PWSA: The Pittsburgh Water and Sewer Authority, a municipal authority organized and existing under the laws of the Commonwealth of Pennsylvania.
4. Authority Collection Main: The Authority has a duty to operate, maintain, inspect, repair, replace or abandon only those Wastewater Collection Mains that are a part of or connected to the public Wastewater collection, transmission and conveyance and that fall into one of the following classifications: (1) Wastewater Collection Mains leased to the Authority by the City under the Capital Lease Agreement effective July 27, 1995, as amended; (2) Wastewater Collection Mains constructed by the City or the Authority for public use since July 27, 1995; and (3) Wastewater Collection Mains dedicated to public use and accepted by the Authority on or after July 27, 1995.
5. Authority Storm Water Sewers or Public Storm Sewers: The Authority has a duty to operate, maintain, inspect, repair, replace or abandon only those Storm Sewers that are a part of or connected to the public Sewer System and that fall into one of the following classifications: (a) Storm Sewers leased to the Authority by the City under the Capital Lease Agreement effective July 27, 1995, as amended; (b) Storm Sewers constructed by the City or the Authority for public use since July 27, 1995; and (c) Storm Sewers dedicated to public use and accepted by the Authority on or after July 27, 1995.

6. Bona Fide Service Applicant: (For Line Extension Purposes) A person or entity applying for wastewater conveyance service to an existing or proposed structure within the Authority's certificated service territory for which a valid occupancy or building permit has been issued if the structure is either a primary residence of the applicant or a place of business. An applicant shall not be deemed a bona fide service applicant if:
 - a. applicant is requesting wastewater conveyance service to a building lot, subdivision or a secondary residence;
 - b. the request for service is part of a plan for the development of a residential dwelling or subdivision; or
 - c. the applicant is requesting special utility service.
 7. Capital Lease Agreement: The agreement bearing that title between the City and the Authority on July 15, 1995, effective July 27, 1995, and includes any amendments thereto.
 8. City: The City of Pittsburgh, Pennsylvania.
 9. City Lien Verification Letter: A written letter from the City to a Person regarding any liens, claims, or taxes due the City from that Person.
 10. Combination Sewer or Combined Sewer: Sewers designed and built to carry sanitary Sewage and/or industrial waste combined with Storm Water.
 11. Commercial or Commercial Property: Any property used, acquired or leased for purposes of carrying on a trade, business, profession, vocation, or any commercial, service, financial, or utility business or activity including, but not limited to, hotels, office buildings, gas service stations, laundries, commercial establishments, stores, malls, car washes, and parking lots.
 12. Commission or PUC: The Pennsylvania Public Utility Commission.
-

13. Customer: A person or entity who is an owner or occupant and who contracts with the Authority for water service.
14. Dye Test: A commonly accepted plumbing test whereby a nontoxic, non-staining dye is introduced into the surface Storm Water collection system of real property to determine if any surface Storm Water is entering the Sanitary Sewer system. The term "Dye Test" shall include any other reasonable and appropriate testing methodologies (excluding the use of smoke testing to detect roof leaders) acceptable to the Authority to determine if surface Storm Water is entering the Sanitary Sewer system.
15. Dye Testing Ordinance: City Ordinance No. 3 of 2006, adopted March 28, 2006, effective July 5, 2006, as codified in Title Four, Public Places and Property, Article III Sewers, Chapter 433, Illegal Storm Water Connections, of the Pittsburgh Code, and includes any amendments thereto.
16. Dye Testing Results Form: The form provided by the Authority to any person who has applied for evidence of compliance for a property served by a Sanitary Sewer, completed by a Registered Plumber.
17. Dwelling Unit: An individual housing unit on or in a Residential Property such as a single-family home or a single apartment within a multi-unit apartment building or mixed use building.
18. Equivalent Dwelling Unit or EDU: A unit of measurement that standardizes all land use types to the level of demand created by 1 single-family dwelling unit. The Authority equates 1 EDU to 300 gallons of water consumption per day.
19. Evidence of Compliance Statement: A written letter or statement from the Authority confirming that it has on file a completed Dye Testing Results Form or other statement by a Registered Plumber certifying that there are no Illegal Surface Storm Water Connections to the Sanitary Sewer system on the property that is the subject of the application or statement.

20. Ground Water: Water located beneath the ground surface that emanates from sources other than the Authority's water or wastewater systems.
21. Guaranteed Lessee: A Tenant to whom a Property Owner has made an assignment of possessory rights by agreement, thereby making the Tenant primarily responsible for the payment of water charges.
22. Guarantor: A Property Owner who guarantees payment of water by a Guaranteed Lessee.
23. Health or Education Property: Any hospital, clinic, or other human health care facility other than private physician or dentist offices, and any school, college, university, or other educational facility, whether public or private.
24. Health Department: The Allegheny County Health Department, Allegheny County, Pennsylvania.
25. Illegal Surface Storm Water Connection: Any connection to the Authority's Sanitary Sewers that allows surface storm water to be discharged into the separate Sanitary Sewer system from sources including, but not limited to, downspout drainage, roof drainage, and areaway drainage.
26. Impervious Surface: A surface that prevents the infiltration of water into the ground, including, but not limited to, any roof, paved parking or driveway areas, and any streets and sidewalks. Surface areas constructed with gravel or crushed stone shall be assumed not to be impervious surfaces.
27. Industrial Property: Any property, the principal use of which is for manufacturing, processing, or otherwise producing products or goods for sale.
28. Lateral, Customer Lateral or Sewer Lateral: Wastewater or sewer lines that connect a property to the Authority's Collection Mains and carry sewage and/or Storm Water from one or more buildings or Premises to the Authority's Collection Mains.

29. Main extension: (For Line/Main Extension Purposes) An addition to the Authority's Wastewater Collection Main(s) which is necessary to serve the Premises of a new customer.
30. Main or Sewer Main or Wastewater Collection Main: Collection and transmission pipelines and related equipment and facilities, generally located in streets, public ways, or easements, that are used to collect and convey Sewage and/or Storm Water. Mains may be either Authority Collection Mains or Private Collection Mains.
31. Meter: Any device for the purpose of recording water consumption or the volume of wastewater discharged into a Wastewater Collection Main. This term includes, but it is not limited to any certified device used by the Authority, or by the Commission or for the purpose of measuring water, sewer or wastewater usage.
32. Nonresidential service: Wastewater conveyance service supplied to a commercial or industrial facility, including a hotel or motel, or to a master-metered mobile home or multi-tenant apartment building, or to any customer who purchases wastewater conveyance service from the Authority.
33. Occupant: A person to whom an Owner has allowed occupancy of a Property through a lease or other contractual arrangement and who has a reasonable expectation of occupying the property for six months or more.
34. Owner: The person having an interest as owner, or a Person representing themselves to be the owner, whether legal or equitable, sole or partial, in any Premises that are or are about to be supplied with water or provided with wastewater conveyance service by the Authority.
35. Plumbing Code: The Allegheny County Health Department's Rules and Regulations for Plumbing and Building Drainage, Article XV, as amended, together with the International Building Codes for residential and commercial plumbing that Article XV amends or revises.

36. Person: Individual natural persons, firms, partnerships, joint ventures, societies, associations, clubs, trusts, corporations, governments, political subdivisions, or organizations of any kind, including officers, agents, employees, or representatives of any of the foregoing, in any capacity, acting either for him- or herself or for any other person, under either personal appointment or pursuant to law.
37. Private Collection Main: Any Main that is not an Authority Collection Main.
38. Private Storm Water Sewers or Private Storm Sewers: Any Storm Water Sewer that is not an Authority Storm Water Sewer.
39. Premises: A building or unit of a building such as a single family residential Dwelling Unit, an apartment building, or a commercial/industrial building.
40. Registered Plumber: A plumber registered and certified by the Commonwealth of Pennsylvania and the Allegheny County Health Department.
41. Remote Reading Device: The device that is generally affixed to the outside of a Premises or a meter installation and remotely collects and transmits Meter data. It is considered part of the Meter and meter reading equipment.
42. Residential service: Wastewater conveyance service supplied to an individual single-family residential dwelling unit. Water and/or sewer service supplied to a dwelling including service provided to a commercial establishment if concurrent service is provided to a residential dwelling attached thereto. Utility service provided to a hotel or motel is not considered residential service.
43. Residential Property: Any building containing one or more Dwelling Units occupied or intended to be occupied for residential purposes, but not including dormitories, nursing homes, hotels, or motels.

44. Residential Tenant: A Person who leases a Dwelling Unit in a Residential Property pursuant to a current lease agreement.
45. Sanitary Sewers: Those portions of the Sewer System in the City of Pittsburgh that were designed and built to carry sanitary sewage and/or industrial waste separately from Storm Water discharge, and portions of the Sewer System designated as Sanitary Sewers by the Authority.
46. Sewage: Wastewater that contains the waste products or other discharges from the bodies of human beings or animals and any noxious or deleterious substances harmful or inimical to public health or to animal or aquatic life, or to the use of waters for domestic water supply or for recreation, or which constitutes pollution under the Pennsylvania Clean Streams Law, Act of June 22, 1937, P.L. 1987, as amended.
47. Sewer System: The entire system consisting of the Authority Collection Main and the Authority Storm Water Sewers.
48. Special Utility Service: Residential or business service which exceeds that required for ordinary residential purposes.
49. Storm Water: Drainage or runoff resulting from precipitation or snow or ice melt.
50. Storm Water Collection System or Storm Water Sewers: A separate network of gutters, ditches, swales, pipes and inlets which receives discharges of storm water and/or conveys surface water, subsurface drainage or storm water from buildings, grounds, parking lots, streets, etc. but excludes sewage. Storm Water Collection System may be Authority Storm Water Sewers or Private Storm Water Sewers.
51. Tariff: All the service rates, rules and regulations issued by the Authority, together with any supplements or revisions thereto, officially approved by the Commission and contained in this document.

52. Temporary Evidence of Compliance Statement: An Evidence of Compliance Statement issued under those circumstances and conditions detailed in these Rules and Regulations.
53. Tenant: A Person or entity leasing Premises pursuant to a current lease agreement.
54. ~~USTRA: The Utility Service Tenants Rights Act, 68 Pa. Protected S.A. § 399.1 - 399.18, as amended.~~
- 55-54. USTRA-Tenant: means a Residential Tenant, not a Customer, whose Dwelling Unit had water/sewer service at the time of rental, and who would be adversely affected by a shut off of service. Protected-Tenants are covered by the Discontinuance of Service to Leased Premises Act (DSLPA), 66 Pa.C.S. § 1521, et. seq. Applicability of The Utility Service Tenants Rights Act (USTRA), 68 Pa. S.A. § 399.1 - 399.18, as amended~~An individual is not a USTRA, is subject to further Commission review. An individual is not a Protected-Tenant if he or she is or has agreed under the rental agreement to be a Customer or if he or she took possession of the Dwelling Unit when it was without water/sewer service.~~
- 56-55. Vacancy Affidavit: means a notarized statement by the Owner of a property certifying that the property has been vacant and water service has been terminated at the Curb Stop for a period in excess of 90 days.
- 57-56. Wastewater: Liquid waste discharged into the Sewer System by Dwelling Units or Non-Residential Properties, including wash water, Sewage, and other contaminants.

PART III: RULES AND REGULATIONS

Section A - Applications for Service

1. Service Application Required: The Authority may require applications for service to be completed in writing on a form(s) provided by the Authority and signed by the Owner, Tenant, or Occupant of the property, as outlined in these Rules and Regulations and as otherwise provided in the Authority's Supplemental Service Conditions.
 - a. Service Conditions: The Authority will furnish service only in accordance with its PUC Approved Tariff and Supplemental Service Conditions, which are made a part of every application, contract, agreement, or license entered into between the Owner or Customer and the Authority. All such changes to these Supplemental Service Conditions will be a part of every application, contract, agreement or license for water, sewer, and storm water service in effect at the time such changes are adopted by the Authority.

2. Change in Ownership or Tenancy: A new application must be made to the Authority upon any change in ownership where the owner of the property is the customer, or upon any change in the identity of a lessee where the lessee of the property is the customer. The Authority shall consider the date of the change in ownership as the date of title transfer established by the record deed or otherwise established by sufficient evidence to show title to the property. The Authority shall have the right to discontinue or otherwise interrupt water service upon three (3) days' notice if a new application has not been made and accepted for the new customer.
 - a. Date of Eligibility to Assume Ownership: The Owner of a Dwelling Unit is eligible to become a Customer as of the date of property title transfer established by the record deed or otherwise established by sufficient evidence to show the Owner's title to the property.

 - b. Unpaid Account Balances: The Authority may require, as a condition of furnishing service to an Owner, the payment of any outstanding residential account balance(s) that accrued within the prior 4 years for

which the applicant is legally responsible and for which the applicant was properly billed.

3. Service Stipulations for Residential Tenants and Non-Owner Occupants

- a. Prospective Tenants and other Non-Owner Occupants are encouraged to contact the Authority prior to signing a lease to determine whether there is an existing, delinquent account for a Dwelling Unit or property.
- b. The Authority may require, as a condition of furnishing residential service to a Tenant or Non-Owner Occupant:
 - i. Payment by the Owner or their agent of any delinquent balance for the Dwelling Unit or property for which an Owner was properly billed;
 - ii. Payment by the applicant of any outstanding residential account that accrued within the prior 4 years for which the applicant is legally responsible and for which the applicant was properly billed.
 - iii. A tenant will not be required to assume liability for debt previously accrued at the property for which the tenant was not residing and/or for which the tenant was not on the mortgage, deed or lease as a condition to establishing service.
- c. Except as otherwise provided applicable to ~~USTRA~~ Protected-Tenant rights, a Tenant or Non-Owner Occupant of a Dwelling Unit who wishes to become a Customer of the Authority must submit:
 - i. Satisfactory evidence, as determined by the Authority, of the Owner's consent to possession of the Dwelling Unit, which may be a current rental agreement, rent book, receipts, cancelled checks, other utility bills in the Tenant's or Occupant's name at that address, or other written evidence of the Owner's consent to occupancy; and,
 - ii. At least one ~~government-issued~~ personal identification document such as a driver's

license, birth certificate, military ID card or passport, or other document issued by a public agency or public utility which contains the name and address of the tenant. If the personal identification does not bear the applicant's photograph, a second piece of personal identification may be required at the discretion of the Authority.

- d. The Authority may notify the Property Owner if Residential Tenants and Non-Owner Occupants are delinquent in paying amounts due to the Authority.

4. Service Stipulations for Non-Residential Customers

- a. The Authority accepts Non-Residential property Owners, their duly authorized agents or Guaranteed Lessees as Authority Customers.
- b. The Owner of a property is eligible to become a Customer as of the date of property title transfer established by the record deed or otherwise established by sufficient evidence to show the Owner's title to the property.
- c. A tenant of a non-residential property who wishes to become a Non-Residential Customer of the Authority may apply to become a Guaranteed Lessee. A tenant applying for water and/or sewer service must submit:
 - i. names of the business' principals, official address, and a business license;
 - ii. satisfactory evidence of the Owner's consent to possession of the property by the tenant; generally, a copy of the lease agreement or other written evidence of the Owner's consent;
 - iii. written guarantee from the Owner assuring payment of any charges and fees billed to the tenant; and
 - iv. where violations of the Health Department Plumbing Code exist, certification by a Registered Plumber that necessary corrections have been made and that the Non-Residential

Property is compliant with the applicable
Plumbing Codes.

- d. The Authority may notify the Property Owner if the tenant of a non-residential property is delinquent in paying amounts due to the Authority.

5. Eligibility of Service

- a. The Authority shall determine whether an applicant is eligible to become an Authority Customer in accordance with this Tariff and applicable Rules and Regulations of the Commission.
- b. An Authority Customer applicant for a Residential Property can be disqualified from becoming a Customer if one or more of the following circumstances exist:
 - i. The applicant is the agent of a current or previous delinquent Customer at the Dwelling Unit and is attempting on the delinquent Customer's behalf to avoid shut-off or restore service previously shut off without payment of said Customer's past due charges for service or any other charges or fees that are due. Such agency may be found to exist where the property that would be receiving the service is or will be occupied by the delinquent Customer or where such Customer would otherwise use or benefit from the service.
 - ii. The applicant has not paid or arranged to pay for past due charges for service for which the applicant is legally responsible at this or another service address, including charges for unauthorized usage of Authority services.
 - ~~iii. The applicant has not paid or arranged to pay for past due charges for service for which the applicant is legally responsible at this or another service address, including charges for unauthorized usage of Authority services.~~
 - iv.iii. Service to the Dwelling Unit is legally off and there exist uncorrected violations of the Health Department Plumbing Code or the Authority's service standards at the Residential Property or service to the property would endanger health or safety.
 - ~~v.iv.~~ Service cannot be accomplished without major revision of the Authority's conveyance facilities or acquisition of additional rights-of-way.

~~vi.v.~~ If the applicant is a Tenant or Occupant Customer currently receiving service at another residential service address.

6. Acceptance of Application: An application for service shall be considered accepted by the Authority only upon oral or written approval by the Authority. The Authority shall determine whether the applicant is eligible to become an Authority Customer and the type of Customer, Residential or Non-Residential. If the applicant is rejected the Authority shall inform the Applicant of any conditions that must be met and any charges that must be paid in order to obtain service. The Authority may provide service to the applicant pending formal review and acceptance of the application.
7. Activation of Service
 - a. Reserved.
 - b. Where service has been shut off, and the Authority has been notified that the Health Department has determined the Premises to be in dangerous or imminently dangerous condition, service will be allowed only after the prior written consent of the Health Department.
8. Application Forms: Application forms can be obtained at the Authority's local business office, presently located at 1200 Penn Avenue, Pittsburgh PA 15222; or by other means, as determined by the Authority.

Section B - Construction and Maintenance of Facilities

1. Customer Lateral: The Customer Lateral shall be furnished, installed, maintained and/or replaced, when necessary, by and at the sole expense of the Customer. The Authority reserves the right to determine the size, location, type, material, and depth of Customer Laterals.
 - a. No Person shall connect a private sewer, Storm Sewer or Sanitary Sewer to an Authority Sewer System without first obtaining a permit from the Authority.
 - b. No Person shall do any of the following without the written authorization of the Authority:
 - i. make an opening of any kind in an Authority Sewer Main; or
 - ii. make any connection with any Sewer Lateral.
 - c. The Authority may require the Owner of any structure located within the Authority's service area that has access to a public Storm Sewer, Sanitary Sewer, or Combination Sewer to connect to the applicable public sewer or sewers by means of Sewer Laterals constructed, at the property Owner's cost, of materials and in a manner acceptable to the Authority and to the Health Department.
 - i. No structure shall be used or occupied as a Dwelling Unit if the structure or Premises does not have an approved connection with the Authority's Sewer System or alternate sewage facilities approved by the Health Department.
2. Separate Trench: The customer lateral shall not be laid in the same trench with electrical, gas, drain or water pipe, the facilities of any other public utility or of any municipality or municipal authority that provides a public utility service, or within three (3) feet of any open excavation, unless a written exception is granted by the Authority.

3. Customer's Responsibilities: All customer laterals, connections and fixtures furnished by the customer shall be maintained by the customer in good working order. All equipment and appliances furnished by the Authority and on property owned or leased by the customer shall be protected properly by the customer. All leaks on the customer lateral or any pipe or fixtures in or upon the customer's premises must be repaired immediately by the customer.

4. Right to Reject: The Authority may refuse to connect with any piping system or furnish wastewater conveyance through a lateral already connected if such system or lateral is not properly installed or maintained. The Authority, at any time, may request a Gravity Sewer Test be performed on the building lateral, at the sole expense of the owner, whenever it has evidence the lateral is leaking excessively, as determined by the Authority. Generally, leakage is considered excessive when the groundwater flow exceeds one hundred (100) gallon per inch of nominal diameter per mile of pipe per day. The Gravity Sewer Test shall be in accordance with Section 312.6 of the International Plumbing Code®

5. Individual Laterals: Except as otherwise expressly authorized by the Authority and/or as expressly approved by the Health Department, each individual customer shall be served only through a separate lateral connected directly to the Authority's conveyance main, and that lateral shall not serve any other customer or premise. No additional attachment may be made to any customer's lateral for any purpose without the express written approval of the Authority.

6. Connection to Authority Conveyance Mains: No connection shall be made to the Authority conveyance main or detachment from it, except under the direction and control of the Authority's authorized representative or its agent. All such connection shall be the property of the Authority and shall be accessible to it and under its control.
- a. All connections to the Authority's Sanitary Sewers, Combined Sewers, and Storm Sewers shall be made in conformity with plans and specifications approved by the Authority and shall be subject to the Authority's inspection.
 - b. Requirements for connections to Authority Sanitary Sewer, Combined Sewer, or Storm Sewer Mains for residential Development greater than a single-family residence or involving proposed flows of greater than 799 gallons per day, and for Non-Residential Properties, are contained in the Authority's Procedures Manual for Developers, which is incorporated in these Rules and Regulations and made a part hereof.
 - c. A small residential development, as determined by the Authority, involving a change in use or change in Wastewater flow, but not involving new sewer taps or connections, need not submit tap-in drawings, but may submit a Customer Application, Sewer Lateral Connection Application and/or other completed forms, available at the Authority's permit counter, may be required.
 - d. Sewer Laterals shall be designed, constructed, and installed in compliance with Health Department regulations and requirements.
 - e. In areas of the collection system where the Authority has installed a pressure sewage collection system or where required, as determined by the Authority, the Customer, in conjunction with the construction of a lateral(s), shall install, own, operate, maintain and replace a grinder pump and holding tank at the Customer's expense. The facilities and equipment shall be specified and approved by the Authority prior to connection. The customer shall maintain such
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facilities in good order and repair. The pump and equipment shall meet specifications as provided by the Authority.

7. Ownership and Maintenance of Sewer Laterals:

- a. Ownership of Sewer Laterals serving Residential and Non-Residential Properties, up to and including the connection of the Sewer Lateral to the Sewer Main, lies with the property Owner. The property Owner is responsible for the operation, inspection, maintenance, repair, replacement, abandonment, and removal of the Sewer Lateral as so described.
- b. Should the condition of a Sewer Lateral be such that there is a risk to public health or safety or of damage to public property, and the property Owner fails to take prompt action to cure the problem following notice to do so, the Authority shall have the right, but not the duty, to make the necessary repair or replacement and to charge the property Owner with the reasonable cost of the repair or replacement. Should the property Owner fail to reimburse the Authority within 30 days of the Authority's invoice therefor, the Authority shall have the right to file a lien against the property or properties served by the Sewer Lateral.
- c. The use of trenchless or no-dig techniques for the maintenance or repair of a Sewer Lateral must be pre-approved by the Authority.

8. Sampling and Analysis:

- a. Where, in the opinion of the Authority, a significant amount of wastewater is involved or the strength and character of the wastewater deviates from typical residential wastewater, the customer shall install, as part of the lateral, a manhole for the purpose of sampling, measurement, and observation of the discharge. The manhole will be constructed according to Authority specifications and in a manner that insures accessibility by Authority representative at all times.
 - b. All measurements, sampling, testing and analyses of the characteristics of waters and wastewaters to which reference is made in the Rules and Regulations of the Company, shall be determined in accordance with 40 CFR Part 136 and other applicable regulations.
 - c. All inspections, measurements, sampling, testing and analyses deemed by the Authority to be necessary under this Section or any other part of the Rules and Regulations of the Authority, shall be done by the Authority or its agents, employees or contractors. If the inspections, sampling, measurements, testing and/or analyses determine that a customer has created a situation which is in violation of any statute, ordinance, rule or regulation, then the customer shall be required to pay all costs incurred in remedying the situation. Costs assessed against a customer pursuant to this Section, shall be in addition to any other fees charged by the Authority. The costs shall be payable within thirty (30) days of presentation of an invoice to the customer at their current billing address.
 - d. Where the Authority deems it advisable, it may require any customer discharging wastewater to install and maintain, at his or her own expense, in a manner approved by the Authority or its representative, metering and/or monitoring devices to continuously measure and record the flow and constituents of the wastewater so discharged. The customer shall have ninety (90) days from the date of notice to comply with the Company's directive.
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9. Privilege to Investigate/Right of Access

The Authority's authorized representatives shall have the right of access at all reasonable times to all parts of any premises connected with the Authority's Collection Mains and/or the Authority's Storm Sewers, including meters, manholes, Laterals and other property owned by it on the premises of the Customer, for the purpose of examining and inspecting connections and fixtures, including the water and/or wastewater metering arrangement, for disconnecting service for any proper cause, or for purposes of replacement, maintenance, operation or repair thereof.

Section C - Discontinuance, Termination and Restoration of
Service

1. Customer Responsibilities: After acceptance by the Authority of an application, Customers will remain responsible for paying all future charges for wastewater/sewer/stormwater and water service to their Property until such time as there is:
 - a. A Notice of Intent to Disconnect Service pursuant to a written request being received from the Customer to terminate Customer status and shut off service (for which there is a charge);
 - b. Acceptance of a new Customer for the Property by the Authority ; or
 - c. Discontinuance of service to a vacant Property at the Owner's request.
 - d. Property Owners remain responsible for paying water until the issuance of a Notice of Intent to Disconnect or replacement by a new Property Owner.
 - e. A Guarantor Lessor seeking to terminate its Customer relationship with the Authority must provide proof that it has notified its Guarantee Lessee or Lessees about its intent to discontinue service in writing by first class mail.

2. Discontinuance by Customer: Where a customer requests the Authority to discontinue service, the following rules shall apply:
 - a. A customer who wishes to have service discontinued shall give at least seven (7) days' notice to the Authority, specifying the date on which service is desired to be discontinued. In the absence of proper notice, the customer shall be responsible for all service rendered until the time that the Authority shall have actual or constructive notice of the customer's intent to discontinue service. The customer shall not turn water on or off at any curb stop, or disconnect or remove the meter, or permit its disconnection or removal, without the prior written consent of the Authority. A customer discontinuing

service remains a customer for purposes of paying turn-on fees pursuant to Rule 4 of this Section for a period of nine (9) months.

- b. Where a customer requests turn-on of service within six (6) months of disconnection, the customer shall be subject to monthly minimum billing for the period of disconnection. The request for turn-on of service should be mailed to the same address as the disconnection of service request.
3. Termination by Authority: Service to the customer may be terminated for good cause, including, but not limited to, the following:
- a. making an application for service that contains material misrepresentations;
 - b. failure to repair leaks in any lateral or Customer-owned pipes or fixtures;
 - c. tampering with any lateral or installing or maintaining cross-connections or any unauthorized connection to any Authority Collection Main or Authority Storm Water Sewer;
 - d. theft of service, which may include taking service without having made a proper application for service under Part III, Section A;
 - e. failure to pay, when due, any charges accruing under this tariff;
 - f. refusing the Authority reasonable access to the property served for purposes of installing, inspecting, reading, maintaining or removing meters, remote reading devices or any associated equipment;
 - g. receipt by the Authority of an order or notice from the Department of Environmental Protection, a health agency, local plumbing inspector or other similar authority, to terminate service to the property served on the grounds of violation of any law or ordinance, or upon notice to the Authority from any such authority that it has ordered an existing violation on
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the property to be corrected and that such order has not been complied with or

- h. material violation of any provisions of this tariff.
- i. Whenever two or more Properties receive service from a single main connection, and one or more of the Customers becomes delinquent or permits wastewater to flow unnecessarily or leak from any pipe, fixture, or appliance, the Authority may terminate the supply of water to all the commonly supplied Premises. Supply will not be renewed until:
 - i. A separate connection is established for each Property;
 - ii. Any delinquent wastewater charges are paid; and
 - iii. Any leakage is corrected or unnecessary flow of wastewater is stopped.
- j. Notice of termination shall be in the form required by the Commission and shall be provided as follows:
 - i. to Customers at least 10 days prior to the scheduled shut off;
 - ii. to Customers who are Owners with Tenants at least 37 days prior to the scheduled shut off;
 - iii. to ~~USTRA~~Protected-Tenants by posting a notice of termination on the Premises at least 30 days prior to the scheduled shut off;
 - iv. to Customers who permit wastewater to flow unnecessarily, as described in the Wastewater Tariff and the Supplemental Service Conditions, upon 24 hours' notice or, if the resulting condition threatens injury to persons or damage to property, immediately; and
 - v. by telephone call to the telephone number on file with the Authority; by electronic mail to an e-mail address on file with the Authority but only if the customer's express written consent to accept electronic service has been received by the Authority; or, if neither of these methods is available or effective or the electronic notice is returned as undeliverable, by personal contact

or posting a notice of termination on the
Premises 3 days prior to the termination of
service

- k. The Authority will not terminate service to a premises when a customer has submitted a valid medical certificate signed by a licensed physician, nurse practitioner or physician's assistant certifying that a customer or member of the customer's household is seriously ill or has been diagnosed with a medical condition which requires the continuation of service to treat the medical condition consistent with 66 Pa.C.S. §§1403 and 1406(f).

The Authority reserves the right to deny wastewater service for violation of any provision of these Rules and Regulations, subject to PUC rules and regulations.

4. Turn-on Charge: Whenever service is discontinued or terminated pursuant to Rule 2 or Rule 3 of this Section, service shall be turned on by the Authority only upon the payment by the customer of a turn-on charge and the resolution of the problem that gave rise to the termination if under Rule 3.

Section D - Reserved

Section E - Billing and Collection

1. Issuance of Bills: The Authority will bill each customer within fifteen (15) days of the last day of each billing period.
2. Billing Due Date: The due date for payment of a bill for nonresidential service shall be no less than fifteen (15) days from the date of transmittal. The due date for payment of a bill for residential service shall be no less than twenty (20) days from the date of transmittal. If the last day for payment falls on a Saturday, Sunday or bank holiday, or on any day when the offices of the Authority are not open to the general public, the due date shall be extended to the next business day. The Authority may not impose a late-payment charge unless payment is received more than five (5) days after the stated due date.
3. Late Payment Charge: All amounts not paid when due shall accrue a late payment charge at the rate of 0.0083 percent per billing period, not to exceed ten percent (10%) per year when not paid as prescribed in Rule 2 of this Section.
4. Change in Billing Address: Where a customer fails to notify the Authority of a change in billing address, the customer shall remain responsible to remit payment by the billing due date.
5. Application of Payment: Utility bills rendered by the Authority shall include only the amount due for water service. Where a customer remittance to the Authority includes payment for any non-utility services, proceeds will be applied first to pay all outstanding regulated utility charges. For combined water/wastewater customers, any partial remittance will be applied to the water bill first and any remaining remittance will be applied to the wastewater bill.
6. Return Check Charges: The customer will be responsible for the payment of a charge for each time a check presented to the Authority for payment on that customer's utility bill is returned by the payor bank for any reason including, but not limited to, insufficient funds, account closed, payment stopped, two signatures required, post-dated, stale date,

account garnished, or unauthorized signature. This charge is in addition to any charge which may be assessed against the customer by the bank with interest.

7. Disputed Bills: In the event of a dispute between the customer and the Authority with respect to any bill, the Authority will promptly make such investigation as may be required by the particular case and report the result to the customer. The customer is not obligated to pay the disputed portion of the bill during the pendency of the Authority's investigation. When the Authority has made a report to the customer sustaining the bill as rendered, the customer shall have fifteen (15) days from the date of such report in which to pay the bill. If the Authority determines that the bill originally rendered is incorrect, the Authority will issue a corrected bill with a new due date for payment. Any amounts received by the Authority in excess of the amount determined to be due by the Authority's investigation of the dispute shall be refunded to the customer with interest computed at 1.5% per month.

8. Abatement of Minimum Consumption Charges: When Premises are completely vacant, the Customer has provided the Authority with a Vacancy Affidavit, and the water supply has been shut off at the Curb Stop, no minimum charges for wastewater conveyance under Part I, Section A.1 will be assessed during the period of vacancy. Upon restoration of the water service to the Premises, or upon detection of water usage and/or wastewater flows from the Premises to the Authority's Collection Main, applicable charges will be assessed under this tariff.

Section F - Deposits

1. General: The Authority may require a deposit or a guarantee of payment as a condition to providing service to an applicant in accordance with this Tariff and the Commission's Rules.
 2. Residential Customers:
 - a. New Applicants -- The Authority will provide service without requiring a deposit unless the applicant was terminated for nonpayment within the prior twelve (12) months or has an unpaid balance for prior service from the Authority. The amount of the deposit will not be greater than an estimated average bill for one (1) billing period plus the estimated bill for one (1) additional month's service.
 - b. Existing Customers -- If a customer has paid late on two (2) consecutive occasions or a total of three (3) times within the prior 12-month period, the Authority may send a letter informing the customer that a deposit may be required if another late payment is received within the next twelve (12) months. An existing customer may be required to pay a deposit as a condition to having service restored after termination for non-payment or for failure to comply with a payment agreement. The amount of the deposit will not be greater than an estimated average bill for one (1) billing period plus the estimated bill for one (1) additional month's service.
 - c. Deposit Refunds and Interest -- A deposit will be refunded if service is discontinued and the final bill is paid or if the customer has paid the bills for the prior 12-month period without having been late on more than two (2) occasions and is not currently delinquent. Deposits from residential customers shall bear simple interest at the rate of the average of one-year Treasury Bills for September, October and November of the previous year, payable annually without deductions for taxes thereon unless otherwise required by law. The applicable interest rate shall become effective on January 1 of each year. The Customer may elect to have a deposit applied to reduce bills for service or to receive a refund.
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d. Consistent with 66 Pa.C.S. § 1404(a.1), no cash deposit will be required of a customer or applicant confirmed to be eligible for the Bill Discount Program pursuant to Rider BDP.

3. Nonresidential Customers:

- a. New Applicants -- A deposit may be required from any new applicant who does not have prior satisfactory credit history with the Authority. The amount of the deposit will not be greater than an estimated average bill for one (1) billing period plus the estimated bill for one (1) additional month's service.
- b. Existing Customers -- Deposit requirements for existing nonresidential customers shall be as established for residential customers in Rule 1 of this Section.
- c. Deposit Refunds and Interest -- A deposit will be refunded if the customer pays all bills on time over a 12-month period or if service is disconnected and the final bill has been paid. There will be no interest paid on deposits for nonresidential accounts.

Section G - Main Extensions

Bona Fide Bona Fide Service Applicant(s) and/or Non-Bona Fide Service Applicant(s) who desire to or are required to connect to the Authority's Wastewater conveyance system (a "Main Extension Applicant") must comply with the following conditions:

1. A Main Extension Applicant shall provide prior notice to the Authority. Notice shall be written and made on the application and permit forms contained in the Authority's Procedures Manual for Developers, which is located on the Authority's website. The appropriate forms can be completed and any applicable fees paid at the Authority's permit counter, First Floor, Penn Liberty Plaza I, 1200 Penn Avenue, Pittsburgh, PA 15222.
2. A Main Extension Applicant shall pay enumerated fees to the Authority. Fees shall be based upon the duly adopted fee schedule which is in effect at the time of payment and shall be payable at the time of application for connection or at a time to which the property owner and the Authority agree. 53 Pa.C.S. § 5607(d)(24).

Tapping Fee

Collection Fee	\$1,701 Per EDU*
Capacity Fee	\$1,277 Per EDU*

Total Tapping Fee \$2,978 Per EDU*

* 300 gpd/EDU

The above-described fees shall be in addition to any charges assessed against the property in the construction of a sewer or water main by the Authority under 53 Pa.C.S. § 5607(d)(21), (22) as well as any other user charges imposed by the Authority. See 53 Pa.C.S. § 5607(d)(24).

3. The Authority may, in its exercise of its sole discretion, require that construction shall not commence until the Main Extension Applicant has posted appropriate financial security in accordance with 53 Pa.C.S. § 5607(d)(23), (30).

4. The Authority may, in its exercise of its sole discretion, require the Main Extension Applicant reimburse the Authority for reasonable and necessary expenses the Authority incurred as a result of the extension. 53 Pa.C.S. § 5607(d)(30).
5. Consistent with 53 Pa.C.S. § 5607(d)(30), where the Authority's system is to be extended at the expense of the owner of properties or where the authority otherwise would construct customer facilities (other than water meter installation), a Main Extension Applicant shall have the right to construct the extension or install the customer facilities himself or through a subcontractor approved by the authority, which approval shall not be unreasonably withheld. The Authority shall have the right, at its option, to perform the construction itself only if the Authority provides the extension or customer facilities at a lower cost and within the same timetable specified or proposed by the property owner or his approved subcontractor. Construction by the Line Extension Applicant shall be in accordance with an agreement for the extension of the Authority's system and plans and specifications approved by the authority and shall be undertaken only pursuant to the existing regulations, requirements, rules and standards of the authority applicable to such construction. Construction shall be subject to inspection by an inspector authorized to approve similar construction and employed by the Authority during construction. When a main is to be extended at the expense of the Main Extension Applicant, the Line Extension Applicant may be required to deposit with the Authority, in advance of construction, the Authority's estimated reasonable and necessary cost of reviewing plans, construction inspections, administrative, legal and engineering services.
6. Upon completion of construction, the Main Extension Applicant shall dedicate and the authority shall accept the extension of the authority's system if dedication of facilities and the installation complies with the plans, specifications, regulations of the authority and the agreement. 53 Pa.C.S. § 5607(d)(30).
7. Where a Main Extension Applicant constructs or causes to be constructed at his expense any extension of a sewer or water system of an authority, the Authority shall provide for the reimbursement to the Main Extension Applicant when the owner

of another property not in the development for which the extension was constructed connects a service line directly to the extension within ten years of the date of the dedication of the extension to the authority in accordance with 53 Pa.C.S. § 5607(d)(31).

8. The Authority may charge the cost of construction of a sewer or water main constructed by the Authority against the properties benefited, improved or accommodated by the construction in accordance with 53 Pa.C.S. § 5607(d)(21), (22).

Section H - Reserved

Section I - Service Continuity

1. Regularity of Service: The Authority may, at any time, interrupt service in case of accident or for the purpose of making connections, alterations, repairs or changes, or for other reasons. The Authority will, pursuant to Commission regulations at 52 Pa. Code § 67.1 and as circumstances permit, notify customers to be affected by service interruptions. The Authority reserves the right to restrict the use of wastewater convenience service whenever the public welfare may require it.

2. Liability for Service Interruptions:
 - a. Limitation of Damages: The Authority's liability to a customer for any loss or damage from any excess or deficiency in the wastewater collection service due to any cause other than willful misconduct or negligence by the Authority, its employees or agents shall be limited to an amount no more than the customer charge or minimum bill for the period in question. The Authority will undertake to use reasonable care and diligence in order to prevent and avoid interruptions in service, but cannot and does not guarantee that such will not occur.

 - b. Responsibility for Customer Facilities: The Authority shall not be liable for any loss or damage caused by reason of any breaks, leaks, stoppages or other defects in a building service line, pipes, joints, fixtures or other installations except where the expense or damage is a result of the negligence or willful misconduct of the Authority, its employees or agents.

Section J - Waivers

The Authority may, at its sole discretion, waive any of the Rules contained herein that operate for the benefit of the Authority; provided, that no such waiver will be valid unless in writing and signed by an authorized representative of the Authority, and provided that no waiver will be allowed where the waiver would constitute a violation of the Public Utility Code, the regulations of the Commission or of any other applicable statute, law or regulation.

Section K - Amendment of Commission Regulations

Whenever Commission regulations in Title 52 of the Pennsylvania Code are duly amended in such a way as would produce a difference between them and this tariff, this tariff is deemed to be amended so as to be consistent with the amendments to the regulations, except that if application of the amendment to Title 52 is discretionary, this tariff will remain unchanged.

Section L - Prohibited conduct

1. No Person shall:
 - a. Damage, injure or displace, by willful, careless or negligent act, any Sanitary Sewer, Combined Sewer, or Storm Sewer operated and maintained by the Authority, or any portion or component thereof, or anything else pertaining to the Authority's Sewer System.
 - b. Throw, discard, discharge, or otherwise place or allow to flow or enter into the water of any fountain, pond, lake, stream, or other body of water in or adjacent to any park or any tributary, stream, Storm Sewer or drain flowing into such waters, any hazardous materials or other substances that the person knows or should know will result in pollution of the water.
 - c. Open, remove or in any way disturb or tamper with the lid, grate, or cover of any manhole, Inlet, or catch basin that is a part of the Authority's Sewer System.
2. No Person shall discharge or permit the discharge or infiltration of any of the following substances into any Authority sewer:
 - a. mineral acids, waste acid, pickling or plating of liquors from the pickling or plating of iron, steel, brass, copper, or chromium, or any other dissolved or solid substances, in such amounts that shall endanger health or safety, interfere with the flow in sewers, attack or corrode sewers, or otherwise interfere with the operation of the Sewer System or ALCOSAN;
 - b. cyanides or cyanogen compounds capable of liberating hydrocyanic gas on acidification
 - c. gas tar, phenols in concentrations greater than 60 parts per million, residues from petroleum storage, refining or processing, excess fuel or lubricating oil, gasoline, naphtha, benzene, or explosive, flammable liquids, solids, or gases;

- d. ashes, cinders, sand, mud, lime, or acetylene sludges, straw, shavings, metals, glass, rags, feathers, tar, plastics, wood, sawdust, paunch manure, hair, hides, dead animals, spent mash and grain, pulp from food processing, water or wastes containing excess grease, cement or cementitious materials, or any other solid, semi-solid, or viscous substances capable of causing obstruction to the flow In sewers or other Interference With the proper operation of the Authority's or ALCOSAN's facilities;
 - i. the combined concentration of oil and grease shall not exceed 200 parts per million;
- e. sludges or other materials from septic tanks or similar facilities or from sewage or industrial waste treatment plants or from water treatment plants, unless the discharge of such sludges and other materials as permitted by existing permits, regulations, code, or orders of the Authority, the City, the Health Department, ALCOSAN, or the Commonwealth;
- f. garbage, whether ground or not, except properly shredded garbage In a private Dwelling Unit, hotel, commercial restaurant, or retail food store resulting from the proper use of a garbage grinder or disposer of a type approved by the City, the Health Department, or ALCOSAN and maintained in good operating condition;
- g. water or wastes having a pH lower than 5.0 or higher than 10.0 or having any other corrosive property capable of causing damage or hazard to structures, equipment, or individuals;
- h. any industrial, commercial, or medical waste or discharge that violates Categorical or General Pretreatment Standards as established by authorized agencies of the federal government or of the Commonwealth of Pennsylvania or which violates specific ALCOSAN discharge standards;
- i. any waste that exceeds the naturally occurring background levels for alpha, beta, or gamma radiation or any Wastewater containing any radioactive wastes or

Isotopes of half-life or concentration not in compliance with applicable federal or state regulations;

- j. any wastes that are defined or listed as hazardous under the laws and regulations of the federal government or the Commonwealth of Pennsylvania; or
- k. any noxious or malodorous liquids, gases, or solids that either singly or in combination with other wastes may create a public nuisance or adversely affect public health or safety.

3. Penalties and damages:

- a. In the event of any damage to the Authority's Collection Mains or the Authority's Storm Water Sewers caused by a customer, such damage shall be immediately reported to the Authority and said customer shall reimburse the Authority for the costs of repairs.
- b. The Authority will refer to the City for prosecution as a summary offense any violation of section L.1 or L.2 above. Any Person who is found to have violated any of these provisions shall, upon conviction, be punished by a fine of \$300.00 for each offense, recoverable with costs, and in default of payment of the fine and costs, shall be subject to imprisonment for a period not exceeding 30 days. Each day that a violation is continued shall constitute a separate offense. If the offender is a partnership or association, the penalty may be imposed upon the partners or members thereof. If the offender is a corporation, the penalty may be imposed upon the officers thereof.
- c. Any Person who willfully or negligently discharges or permits the discharge into an Authority sewer of any substance prohibited by section L.2 shall be responsible for the containment, clean up, abatement, removal, and disposal of any pollutant or obstructing substance or material discharged into the Sewer System. The Authority shall give notice to such Person that a violation has occurred and shall require such Person to immediately contain, clean up, abate,

remove, and dispose of the discharge. Such notice shall be sufficient if hand delivered or mailed to the Person at the person's last known address.

- d. If a Person notified under section L.3.c fails to comply with the notice, the Authority may perform the containment, clean up, abatement, removal, and disposal of the discharge. Costs incurred by the Authority In such activities shall be charged to the Person notified.
- e. When the Authority determines that a discharge to the Sewer System in violation of this section has caused an imminent threat to human health or the environment, the Authority may contain, clean up, abate, remove, and dispose of any such discharge without prior notice. Costs incurred in such activities shall be charged to the Person who has violated this section L.

In addition, if there is a discharge of an explosive or flammable material or any other material which is highly toxic or creates a toxic gas so that there is imminent danger to the personnel or property of the Authority or treatment process of ALCOSAN, or to the public or the environment, then the Authority shall take whatever action is necessary to halt service and to protect the life and property.

- f. When the Authority charges its costs to a Person under this section L.3.2, L.3.c, or L.3.e, such charges shall be due within 30 days of the date the bill is rendered. If the charges remain unpaid more than 30 days after the date the bill is rendered, a lien In the amount of the bill shall be recorded against the property causing the discharge.
- g. The penalties and remedies contained in this section L shall be cumulative, not exclusive. Further, the penalties and remedies contained herein shall be in addition to any other penalties or remedies available under federal, state, or local laws, regulations or ordinances.

4. No Owner or Occupant of any real property fronting a street shall fail to keep the street gutters open and clear of refuse, debris, snow, and ice, so as to prevent an obstruction of the street gutters.

Section M - Termination of Sewer Laterals

1. An Owner of a Small Residential Development, as determined by the Authority, intending to terminate a Sewer Lateral connection to the property must complete a Tap Termination Permit Application, which may be obtained from the Authority's permit counter or by calling 412-255-2443. Tap termination drawings are required only if the applicant proposes to terminate three or more taps or the termination involves more than one Dwelling Unit. The applicant must pay the termination fee to the Authority before commencing the termination work. Upon request, Authority permit counter staff will provide the applicant with the appropriate standard details for terminations.
2. Requirements for termination of Sewer Lateral connections to properties other than Small Residential Developments can be found in the Procedures Manual for Developers.
3. The applicant for a sewer Lateral termination permit must notify the Authority three business days in advance of the termination date to permit an Authority inspector to be on site during the termination. Notice should be given to the Sewer/Service section at 412-231-0891 or 412-231-0892.
4. If the applicant chooses to terminate the connection using trenchless technology or other Authority approved technics, then the applicant must conduct closed-circuit televised video ("CCTV") inspections of the pipe before and after the termination. Copies of the videos must be submitted to the Authority. All CCTV Inspections must comply with current Authority standards.
5. Removal of those portions of abandoned or unused Sewer Laterals owned by the property Owner, as provided in Part III, section B of these Rules and Regulations, is the responsibility of the property Owner. Absent the written agreement of the Authority to the contrary, should the

Authority remove an Owner's abandoned Sewer Laterals, the cost of their removal shall be a lien upon the property.

PART IV: Compliance Statements

Section A - Sales of real property and City Lien Verification
Letters

A request to the City for a City Lien Verification Letter must be accompanied by:

- a. a valid Evidence of Compliance Statement; or
- b. a valid Temporary Evidence of Compliance Statement.

Section B - Applications for Evidence of Compliance Statement

1. Any Person selling real property located within the City shall apply to the Authority for an Evidence of Compliance Statement at least 14 days in advance of the date of closing and shall pay the required application fee. The application for an Evidence of Compliance Statement may be found at www.pgh2o.com/dyetest.htm or by calling 412-255-0801.
2. If the Authority determines that the real property is served by a Combined Sewer, the Authority shall issue a certified Evidence of Compliance Statement within 7 business days of the Authority's receipt of the properly completed application therefor.
3. If the Authority determines that the real property is served by a Sanitary Sewer, then within 7 business days of its receipt of the properly completed application for an Evidence Of Compliance Statement, the Authority shall notify the applicant that a Dye Test is required and provide the applicant with a Dye Testing Results Form.

Section C - Sales of vacant, undeveloped property

1. Where the real property proposed for sale is vacant property upon which no buildings or structures exist, the applicant for an Evidence of Compliance Statement shall so indicate and, within 7 business days of receipt of the application, the Authority shall conduct a visual inspection of the property to verify that there are no Illegal Surface Storm Water Connections.
2. If the Authority verifies upon visual inspection that there are no Illegal Surface Storm Water Connections on the property, the Authority shall issue an Evidence of Compliance Statement within 3 business days of the visual inspection.
3. If the Authority determines upon visual inspection that there are possible Illegal Surface Storm Water Connections on the property, then within 3 business days of the visual inspection, the Authority shall notify the applicant by Issuance of a letter that a Dye Test is required as provided under section E of this Part.

Section D - Intended demolition of buildings and structures

1. If the buyer of real property located within a portion of the City served by Sanitary Sewers intends to demolish all existing buildings and/or structures on the property, the application for the Evidence of Compliance Statement shall so indicate.
2. The Authority shall Issue an Evidence of Compliance Statement to the Person buying the real property within 7 business days of the Authority's receipt of the appropriately completed application for Evidence of Compliance Statement and a sworn affidavit from the buyer acknowledging that if all buildings and structures on the property are not demolished within 1 year of the date of closing, that the Evidence of Compliance Statement will be null and void and the Person must conduct a Dye Test of the property in accordance with section E of this Part.

Section E - Dye testing

1. Except for visual inspection requests for vacant properties containing no buildings or structures pursuant to section C or this Part, and sales that are exempt under the Dye Testing Ordinance, any Person selling real property located within the City shall have a Registered Plumber perform a Dye Test on the property to be sold.
 2. Upon completion of the Dye Test, the Registered Plumber shall complete the Dye Testing Results Form confirming that the dye testing has been completed and certifying the results of the Dye Test.
 3. If the Registered Plumber certifies that there are no illegal Surface Storm Water Connections on the property to be sold, the Authority shall issue a certified Evidence of Compliance Statement within 7 business days of the Authority's receipt of the properly completed Dye Test Results Form.
 4. If the Dye Test reveals the existence of an illegal Surface Storm Water Connection, the Registered Plumber shall certify that there is an Illegal Surface Storm Water Connection on the real property.
 5. If one or more illegal Surface Storm Water Connections exist on the real property, the Authority will not issue an Evidence of Compliance Statement until the connection or connections have been disconnected or removed as required by Part VI, section E and the disconnection and removal has been certified by a Registered Plumber.
 6. The Authority shall issue a certified Evidence of Compliance Statement within 7 business days of the Authority's receipt of:
 - a. a properly completed statement by a Registered Plumber describing and certifying the disconnection and removal of the Illegal Surface Storm Water Connection;
or
 - b. verification that the real property in question is not located in an area served by Sanitary Sewers.
-

7. A certified Evidence of Compliance Statement shall be valid for 3 years following the date of its Issuance. If any additions are made to the property within the 3 year period, certification that the addition has no Illegal Storm Water Connections shall be provided to the Authority by a Registered Plumber. Provided, however, that if the Evidence of Compliance Statement is issued because the property in question is served by a Combination Sewer, and the public sewers serving the property are divided into separate Sanitary Sewers and Storm Sewers within the 3-year period, then the Evidence of Compliance Statement will automatically expire.

Section F - Application for Temporary Evidence of Compliance
Statement due to inclement weather

1. In the event that weather conditions or other factors do not permit a Dye Test to be done in a timely manner, the sellers and the buyers of the real property may submit a signed agreement promising that dye testing will be completed as soon as conditions permit. The agreement must provide that the buyer of the real property will be responsible for the performance of the Dye Test.
2. An Application for a Temporary Evidence of Compliance Statement must be accompanied by the agreement and by a \$1,000.00 security deposit in the form of cash, certified check, or cashier's check to guarantee that the Dye Test will be completed. The security deposit will be returned to the applicant after a Registered Plumber certifies that the Dye Test has been completed.
3. Once conditions permit the performance of the Dye Test, the test shall be performed, the results certified, and the Evidence of Compliance Statement Issued as provided in section E of this Part.

Section G - Application for Temporary Evidence of Compliance
Statement with present illegal Surface Storm Water
Connection:

1. In the event an Illegal Surface Storm Water Connection Is discovered during the performance of a Dye Test or otherwise, and the necessary remediation of the condition would require a length of time to perform such that it would create an undue hardship on the applicant to perform prior to the date of closing on the sale of the real property, the applicant may apply to the Authority for a Temporary Evidence of Compliance Statement, which must be accompanied by the following:
 - a. a bona fide, executed agreement between the applicant and a Registered Plumber requiring the Registered Plumber to complete the necessary remedial work to correct and/or disconnect and remove the Illegal Surface Storm Water Connection, and granting the Authority the right and power to enforce the contract as a third-party beneficiary;
 - b. a security deposit in the form of cash, a certified check, or a cashier's check In the amount of 120 percent of the contract described in section C.1.a above, which will be held by the Authority in a non-interest bearing account and returned to the applicant upon the Authority's receipt of a properly completed statement by a Registered Plumber describing and certifying the disconnection and removal of the Illegal Surface Storm Water Connection; and
 - c. a written acknowledgement and notarized agreement in which the buyer agrees to be responsible for all .cost overruns related to the remedial work, together with the grant to the Authority of a license to enter upon the property to complete the work at the expense and cost of the buyer should the contractor or the applicant default on the agreement.
2. Should the Authority issue a Temporary Evidence of Compliance Statement, It will be effective for no more than 60 days. The expiration date of the Temporary Evidence of Compliance Statement will be clearly noted on the Statement.

3. Remediation of the Illegal Surface Storm Water Connections shall proceed as required by sections E and F of this Part.
4. If, upon the expiration of the Temporary Evidence of Compliance Statement, the Authority has not received certification from a Registered Plumber that the Illegal Surface Storm Water Connection has been remedied, then the Authority may use the cash security, or a portion of the cash security, to have the required remedial work completed. Any balance remaining in the security deposit will be returned to the buyer. Any additional cost of the remedial work, in excess of the security deposit, will be the sole and exclusive responsibility of the buyer and will constitute a lien against the property.

Section H - Rejection of applications

1. The Authority may reject an application for an Evidence of Compliance Statement or a Temporary Evidence of Compliance Statement whenever the requirements of the Dye Testing Ordinance or of these Rules and Regulations have not been met.
2. In rejecting the application for an Evidence of Compliance Statement or Temporary Evidence of Compliance Statement, the Authority shall specify the nature of the deficiency and what action or actions must be taken to comply with the requirements of the Dye Testing Ordinance and/or these Rules and Regulations.
3. In the event of such a rejection, the applicant may file an appeal as set forth in section H of this Part.

Section I - Application appeals

1. Any applicant or person aggrieved by a decision of the Authority rejecting an application for an Evidence of Compliance Statement or a Temporary Evidence of Compliance Statement shall have the right to appeal to the Authority Board of Directors, provided that a written application for an appeal is made within 30 days of the date of the Authority's rejection. Appeals shall be made in writing and sent by certified mail to the Authority, to the attention of the Executive Director.
2. Any appeal made under this section shall state with specificity the reason(s) why the applicant is appealing the rejection and shall provide sufficient factual information and documentation, including a statement by a Registered Plumber or professional engineer, to support the appellant's position that the Evidence of Compliance Statement or the Temporary Evidence of Compliance Statement should have been issued by the Authority.

Section J - Fees

1. All applications for an Evidence of Compliance Statement or Temporary Evidence of Compliance Statement or for visual inspection by the Authority shall be accompanied by the appropriate application fee set from time to time by the Authority. No application shall be processed by the Authority if it is not accompanied by the applicable fee.
2. Fees for applications for Evidence or Temporary Evidence of Compliance are set forth in Part I, Section H of this tariff.

PART V: SURCHARGES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE (DSIC)

In addition to the net charges provided for in this Tariff, a charge of 0.0% will apply consistent with the Commission Order dated _____ at Docket No. _____, approving the DSIC.

1. General Description

- a. Purpose: To recover the reasonable and prudent costs incurred to repair, improve, or replace eligible property which is completed and placed in service and recorded in the individual accounts, as noted below, between base rate cases and to provide the Utility with the resources to accelerate the replacement of aging infrastructure, to comply with evolving regulatory requirements and to develop and implement solutions to regional supply problems.

The costs of extending facilities to serve new customers are not recoverable through the DSIC.

- b. Eligible Property: The DSIC-eligible property will consist of the following:
- Collection sewers, collecting mains and service laterals, including sewer taps, curb stops and lateral cleanouts installed as in-kind replacements for customers; Accounts (360, 361 and 363)
 - Collection mains and valves for gravity and pressure systems and related facilities such as manholes, grinder pumps, air and vacuum release chambers, cleanouts, main line flow meters, valve vaults and lift stations installed as replacements or upgrades for existing facilities that have worn out, are in deteriorated condition or are required to be upgraded by law, regulation or order; Accounts (360, 361, 364 and 365)
 - Collection main extensions installed to implement solutions to wastewater problems that present a significant health and safety concern for customers currently receiving service from the wastewater utility; Accounts (360, 361 and 363)
-

- Collection main rehabilitation including inflow and infiltration projects; Accounts (360, 361 and 363)
 - Unreimbursed costs related to highway relocation projects where a wastewater utility must relocate its facilities; and
 - Other related capitalized costs.
- c. Effective Date: The DSIC will become effective upon one (1) day notice after submission of a compliance tariff in compliance with a Commission order.

2. Computation of the DSIC

- a. Calculation: The DSIC shall be calculated to recover the fixed costs of eligible plant additions that have not previously been reflected in the Utility's rates and have been or are projected to be placed in service in the calendar year in which the DSIC is charged. The DSIC charge shall be levelized so that, on an annual basis, it will collect the recoverable costs for eligible plant additions that have been or are anticipated to be placed in service during the calendar year. DSIC charges shall be reconciled and may be adjusted on a calendar quarter basis for: 1) actual experienced sales volumes; and 2) revisions to projected DSIC eligible capital expenditures.

The dates and types of changes in the DSIC rate will occur as follows:

Effective Date of Change	Date to which DSIC-Eligible Plant Additions Reflected
April 1	Annual levelized C-factor rate adjustments
July 1	Adjustment prior year over/under collection
October 1	Optional rate adjustment
January 1	Adjustment for +/- 2% over / under collection

- b. Recoverable Costs: The recoverable costs shall be amounts reasonably expended or incurred to purchase and install eligible property and associated financing costs, if any, including debt service, debt service coverage, and issuance costs.
- c. Application of DSIC: The DSIC will be expressed as a percentage carried to two decimal places and will be applied to the total amount billed to each customer for distribution service under the Utility's otherwise applicable rates and charges. To calculate the DSIC, one-fourth of the annual recoverable costs associated with all property eligible for cost recovery under the DSIC will be divided by the Utility's projected revenue for distribution services (including all applicable clauses and riders) for the quarterly period during which the charge will be collected.
- d. Formula: The formula for calculation of the DSIC is as follows:

$$DSIC = \frac{DSI + e}{PQR}$$

Where:

- DSI = Recoverable costs (defined in Section B. directly above)
- e = the amount calculated under the annual reconciliation feature or Commission audit, as described below.
- PQR = Projected quarterly revenues for distribution service (including all applicable clauses and riders) including any revenue from existing customers plus netted revenue from any customers which will be gained or lost by the beginning of the applicable service period.

3. Quarterly Updates: Supporting data for each quarterly update will be filed with the Commission and served upon the Commission's Bureau of Investigation and Enforcement, the Office of Consumer Advocate, and the Office of Small Business Advocate at least ten (10) days prior to the effective date of the update.
-

4. Customer Safeguards

- a. Cap: The DSIC is capped at 5.0% of the amount billed to customers for distribution service (including all applicable clauses and riders), inclusive of amounts billed for annual reconciliation pursuant to the "e" factor set forth above, as determined on an annualized basis
- b. Audit/Reconciliation: The DSIC is subject to audit at intervals determined by the Commission. Any cost determined by the Commission not to comply with any provision of 66 Pa C.S. §§ 1350, et seq., shall be credited to customer accounts. The DSIC is subject to annual reconciliation based on a reconciliation period consisting of the twelve months ending December 31 of each year. The revenue received under the DSIC for the reconciliation period will be compared to the Authority's eligible costs for that period. The difference between revenue and costs will be recouped or refunded, as appropriate, in accordance with Section 1307(e), over a one-year period commencing on April 1 of each year. If DSIC revenues exceed DSIC-eligible costs, such over-collections will be refunded with interest. Interest on over-collections and credits will be calculated at the residential mortgage lending specified by the Secretary of Banking in accordance with the Loan Interest and Protection Law (41 P.S. §§ 101, et seq.) and will be refunded in the same manner as an over-collection.
- c. Customer Notice: Customers shall be notified of changes in the DSIC by including appropriate information on the first bill they receive following any change. An explanatory bill insert shall also be included with the first billing.
- d. All customer classes: The DSIC shall be applied equally to all customer classes.

PART VI: Storm Water

Section A - Ownership and maintenance of Storm Sewers

1. The Authority has a duty to operate, maintain, inspect, repair, replace or abandon only those Storm Sewers that are a part of or connected to the public Sewer System and that fall into one of the following classifications:
 - a. Storm Sewers leased to the Authority by the City under the Capital Lease Agreement effective July 27, 1995, as amended;
 - b. Storm Sewers constructed by the City or the Authority for public use since July 27, 1995; and
 - c. Storm Sewers dedicated to public use and accepted by the Authority on or after July 27, 1995.
2. Storm sewers that have been created or constructed by parties other than the City or the Authority, that have never been dedicated to or accepted for public use, or that do not connect to any of the Authority's Sewer Mains are not owned by the City or the Authority, and neither the City nor the Authority has any responsibility for their condition, operation, maintenance, inspection, repair, replacement, or abandonment. Responsibility for such private or common storm sewers lies with the Owners of the property or properties served by them.

Section B - Illegal Surface Storm Water Connections

No Person shall construct, install, maintain, repair, operate, use or allow an Illegal Surface Storm Water Connection on real estate that Person owns. This prohibition expressly includes, without limitation, illegal Surface Storm Water Connections made prior to the effective date of the Dye Testing Ordinance and prior to the effective date of these Rules and Regulations.

Section C - Permit requirements of other government entities

Prior to the commencement of any remedial work on the Illegal Surface Storm Water Connection, all necessary and required building permits, street opening permits, sidewalk opening permits, tap-in permits and fees, and other approvals and permits that may be necessary to accomplish the disconnection and redirection of the Storm Water shall be obtained.

Section D - Methods of Illegal Surface Storm Water
disconnections

1. Acceptable remediation of an Illegal Storm Water Connection to the Sanitary Sewer shall mean that the Illegal Storm Water Connection Is disconnected from the Sanitary Sewer, the access point to the Sanitary Sewer is capped and sealed, and the private storm Sewer Lateral redirected as directed by the Health Department.
2. In no event is Storm Water to be collected and discharged upon or across public sidewalks or upon public streets, or discharged upon adjacent property owned by another person.

Section E - Completion of illegal Surface Storm Water
disconnections

1. After disconnection of the illegal Surface Storm Water Connection to the Sanitary Sewer and the redirection of the Storm Water, the real property shall be Dye Tested again to demonstrate that all Illegal Surface Storm Water Connections have been remedied.
2. The disconnection and the successful repeat Dye Test shall be certified by a Registered Plumber on a Dye Testing Results Form submitted to the Authority.
3. The Authority shall issue an Evidence of Compliance Statement within 7 business days of the submission of the appropriately completed Dye Testing Results Form.

Section F - Illegal connections to public Storm Sewers

1. No Person shall construct, Install, maintain, repair, operate, or use any drain or conveyance, whether on or below the surface, that allows any non-Storm Water discharge, including the discharge of Sewage, process Wastewater, or wash water, to enter the public Storm Sewers operated and maintained by the Authority. This prohibition expressly includes, without limitation, connections made prior to the effective date of the Dye Testing Ordinance and/or prior to the effective date of these Rules and Regulations.
2. Provided they do not significantly contribute to pollution of the waters of the Commonwealth, the following discharges may enter the Storm Sewers:
 - a. discharges from firefighting activities;
 - b. potable water from sources such as de-chlorinated water lines and fire hydrant flushing;
 - c. air conditioning condensate
 - d. pavement wash waters, unless contaminated by toxic or hazardous materials or detergents;
 - e. flow from watering of lawns, unless contaminated by fertilizers or by toxic or hazardous materials;
 - f. dechlorinated swimming pool discharges;
 - g. water from car washing on Residential Property, unless contaminated by detergents or toxic or hazardous materials;
 - h. water from external washing of Residential or Non-Residential Properties, unless contaminated by detergents or toxic or hazardous materials;
 - i. Irrigation drainage, unless contaminated by fertilizers or by toxic or hazardous materials;
 - j. water from crawl space pumps, unless contaminated by toxic or hazardous materials;
 - k. uncontaminated water from foundations or from footing drains;
 - l. uncontaminated springs;
 - m. uncontaminated flows from riparian habitats or wetlands;
 - n. uncontaminated groundwater; and
 - o. any activity authorized by a valid Pennsylvania permit for discharge to the waters of the Commonwealth.

3. Should the Authority, the City, or the Commonwealth Department of Environmental Protection determine that any of the discharges otherwise permitted by section G.2 significantly contribute to the pollution of the waters of the Commonwealth, then the Authority, the City or the Department of Environmental Protection will notify the responsible Person to cease the discharge.

Exhibit 3

Pittsburgh Water & Sewer Authority
Rate Case 2018
Summary of Settlement Rate Increase

	Revenue at Existing Rates		Revenue at Settlement Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent
Water Revenues						
<u>Operating Revenue - User Charges</u>						
Residential (Includes CAP Volume)	\$ 37,883,761	39.0%	\$ 44,439,918	39.1%	\$ 6,556,157	17.3%
Residential - CAP (Base Only)	303,080	0.3%	177,742	0.2%	(125,338)	-41.4%
Commercial	38,530,718	39.7%	45,209,649	39.7%	6,678,930	17.3%
Industrial	1,585,983	1.6%	1,860,399	1.6%	274,417	17.3%
Health or Education	18,304,127	18.8%	21,467,250	18.9%	3,163,123	17.3%
Fire System	530,538	0.5%	622,294	0.5%	91,757	17.3%
<i>Total: Operating Revenue - User Charges</i>	<i>\$ 97,138,207</i>	<i>100.0%</i>	<i>\$ 113,777,252</i>	<i>100.0%</i>	<i>\$ 16,639,045</i>	<i>17.1%</i>
<u>Other Revenues</u>						
Wholesale & Contract Revenues	\$ 4,028,962		\$ 4,276,506		\$ 247,544	6.1%
Other Revenues	2,897,388		2,927,085		29,696	1.0%
<i>Total: Other Revenues</i>	<i>\$ 6,926,351</i>		<i>\$ 7,203,591</i>		<i>\$ 277,240</i>	<i>4.0%</i>
Total: Water Revenues	\$ 104,064,558		\$ 120,980,842		\$ 16,916,284	16.3%

	Revenue at Existing Rates		Revenue at Settlement Rates		Proposed Increase	
	Amount	Percent	Amount	Percent	Amount	Percent
Wastewater Revenues						
<u>Operating Revenue - User Charges</u>						
Residential (Includes CAP Volume)	\$ 22,866,790	23.5%	\$ 24,553,335	21.6%	\$ 1,686,545	7.4%
Residential - CAP (Base Only)	145,378	0.1%	78,062	0.1%	(67,316)	-46.3%
Commercial	25,539,083	26.3%	27,417,918	24.1%	1,878,835	7.4%
Industrial	1,103,834	1.1%	1,185,017	1.0%	81,183	7.4%
Health or Education	11,171,143	11.5%	12,002,288	10.5%	831,146	7.4%
Fire System	35,497	0.0%	-	0.0%	(35,497)	-100.0%
<i>Total: Operating Revenue - User Charges</i>	<i>\$ 60,861,724</i>	<i>62.7%</i>	<i>\$ 65,236,620</i>	<i>57.3%</i>	<i>\$ 4,374,896</i>	<i>7.2%</i>
<u>Other Revenues</u>						
Wholesale & Contract Revenues	\$ 466,380		\$ 466,380		\$ -	0.0%
Other Revenues	2,445,815		2,485,931		40,116	1.6%
<i>Total: Other Revenues</i>	<i>\$ 2,912,195</i>		<i>\$ 2,952,311</i>		<i>\$ 40,116</i>	<i>1.4%</i>
Total: Wastewater Revenues	\$ 63,773,920		\$ 68,188,931		\$ 4,415,012	6.9%

**Pittsburgh Water & Sewer Authority
Rate Case 2018
FPPTY Pro Forma Revenue at Current Rates**

	FPPTY 2019			PUC Approved Prior Tariff Rates		FPPTY 2019		
	Number of Meters	Number of Annual Bills	Billable Usage (Kgal) (1)	Monthly Min. Charge	Volume Charge (Kgal)	Min. Charge Revenue (2)	Vol. Charge Revenue (2)	Total Rate Revenue
1 Water Revenues								
2 Residential								
3 5/8"	59,485	713,818	1,836,041	\$ 23.25	\$ 9.41	\$ 15,860,533	\$ 16,511,228	\$ 32,371,761
4 3/4"	2,574	30,886	123,071	37.83	9.41	1,116,620	1,106,757	2,223,377
5 1"	2,295	27,536	141,601	76.58	9.41	2,015,225	1,273,398	3,288,623
6 1 1/2"	-	-	-	149.47	9.41	-	-	-
7 2"	-	-	-	246.53	9.41	-	-	-
8 3"	-	-	-	546.96	9.41	-	-	-
9 4"	-	-	-	924.52	9.41	-	-	-
10 6"	-	-	-	2,181.24	9.41	-	-	-
11 8"	-	-	-	3,919.64	9.41	-	-	-
12 10" & Above	-	-	-	6,408.43	9.41	-	-	-
13 Total: Residential	64,353	772,240	2,100,713			\$ 18,992,378	\$ 18,891,384	\$ 37,883,761
14								
15 Residential - CAP (3)								
16 5/8"	2,218	26,616	-	\$ 11.63	\$ 9.41	\$ 295,694	\$ -	\$ 295,694
17 3/4"	30	360	-	18.92	9.41	6,508	-	6,508
18 1"	2	24	-	38.29	9.41	878	-	878
19 1 1/2"	-	-	-	74.74	9.41	-	-	-
20 2"	-	-	-	123.27	9.41	-	-	-
21 3"	-	-	-	273.48	9.41	-	-	-
22 4"	-	-	-	462.26	9.41	-	-	-
23 6"	-	-	-	1,090.62	9.41	-	-	-
24 8"	-	-	-	1,959.82	9.41	-	-	-
25 10" & Above	-	-	-	3,204.22	9.41	-	-	-
26 Total: Residential - CAP	2,250	27,000	-			\$ 303,080	\$ -	\$ 303,080
27								
28 Commercial								
29 5/8"	2,693	32,311	139,919	\$ 23.25	\$ 8.93	\$ 717,928	\$ 1,194,088	\$ 1,912,015
30 3/4"	682	8,184	48,170	37.83	8.93	295,876	411,092	706,968
31 1"	1,312	15,745	147,483	76.58	8.93	1,152,299	1,258,642	2,410,941
32 1 1/2"	870	10,439	254,591	149.47	8.93	1,491,146	2,172,713	3,663,860
33 2"	792	9,503	453,608	246.53	8.93	2,238,916	3,871,147	6,110,063
34 3"	241	2,893	396,230	546.96	8.93	1,512,207	3,381,475	4,893,682
35 4"	199	2,387	725,387	924.52	8.93	2,108,997	6,190,537	8,299,535
36 6"	85	1,017	649,134	2,181.24	8.93	2,119,980	5,539,789	7,659,769
37 8"	8	95	295,054	3,919.64	8.93	355,858	2,518,026	2,873,885
38 10" & Above	-	-	-	6,408.43	8.93	-	-	-
39 Total: Commercial	6,881	82,574	3,109,578			\$ 11,993,208	\$ 26,537,510	\$ 38,530,718
40								
41 Industrial								
42 5/8"	22	258	504	\$ 23.25	\$ 7.51	\$ 5,733	\$ 3,617	\$ 9,350
43 3/4"	14	162	166	37.83	7.51	5,857	1,191	7,048
44 1"	28	335	3,468	76.58	7.51	24,517	24,886	49,404
45 1 1/2"	6	72	302	149.47	7.51	10,285	2,167	12,452
46 2"	16	187	15,272	246.53	7.51	44,057	109,608	153,665
47 3"	2	24	13,262	546.96	7.51	12,545	95,182	107,727
48 4"	8	98	61,543	924.52	7.51	86,586	441,699	528,285
49 6"	2	24	4,926	2,181.24	7.51	50,029	35,354	85,383
50 8"	4	48	63,099	3,919.64	7.51	179,802	452,866	632,668
51 10" & Above	-	-	-	6,408.43	7.51	-	-	-
52 Total: Industrial	101	1,208	162,541			\$ 419,411	\$ 1,166,572	\$ 1,585,983
53								
54 Health or Education								
55 5/8"	34	408	1,358	\$ 23.25	\$ 12.21	\$ 9,065	\$ 15,846	\$ 24,912
56 3/4"	9	109	539	37.83	12.21	3,941	6,289	10,230
57 1"	26	308	3,877	76.58	12.21	22,541	45,240	67,781
58 1 1/2"	65	779	10,713	149.47	12.21	111,275	125,007	236,282
59 2"	160	1,921	81,396	246.53	12.21	452,589	949,786	1,402,375
60 3"	104	1,252	193,559	546.96	12.21	654,436	2,258,588	2,913,025
61 4"	73	877	381,066	924.52	12.21	774,860	4,446,554	5,221,414
62 6"	38	450	449,187	2,181.24	12.21	938,044	5,241,429	6,179,473
63 8"	3	36	59,591	3,919.64	12.21	134,852	695,350	830,202
64 10" & Above	2	29	106,338	6,408.43	12.21	177,606	1,240,828	1,418,433
65 Total: Health or Education	514	6,169	1,287,624			\$ 3,279,209	\$ 15,024,917	\$ 18,304,127
66								
67 Fire System								
68 1" or Less	1,130	13,559	3,253	\$ 26.94	\$ 11.50	\$ 349,086	\$ 35,746	\$ 384,832
69 1 1/2"-3"	64	773	199	71.02	11.50	52,465	2,187	54,652
70 4"	6	66	3	151.40	11.50	9,549	33	9,582
71 6" or Greater	15	181	596	433.13	11.50	74,921	6,550	81,471
72 Total: Fire System	1,215	14,579	4,051			\$ 486,021	\$ 44,516	\$ 530,538
73								
74 Total: Water (Units & Sales)	75,314	903,770	6,664,507			\$ 35,473,308	\$ 61,664,899	\$ 97,138,207

(1) Represents billable customer usage above minimum allowance included in minimum charge
(2) User charge revenues include an adjustment factor to reflect actual collections.
(3) Residential CAP customers billable usage is included in the "Residential" class since there is no discount for volumetric charges

**Pittsburgh Water & Sewer Authority
Rate Case 2018
FPFTY Pro Forma Revenue at Current Rates**

	FPFTY 2019			PUC Approved Prior Tariff Rates		FPFTY 2019		
	Number of Meters	Number of Annual Bills	Billable Usage (Kgal) (1)	Monthly Min. Charge	Volume Charge (Kgal)	Min. Charge Revenue (2)	Vol. Charge Revenue (2)	Total Rate Revenue
1 Wastewater Revenues								
2 Residential								
3 5/8"	82,870	994,441	1,865,883	\$ 7.71	\$ 6.92	\$ 7,327,245	\$ 12,339,506	\$ 19,666,751
4 3/4"	2,599	31,186	122,845	15.62	6.92	465,530	812,403	1,277,933
5 1"	2,314	27,764	141,795	37.10	6.92	984,381	937,724	1,922,105
6 1 1/2"	-	-	-	76.62	6.92	-	-	-
7 2"	-	-	-	129.72	6.92	-	-	-
8 3"	-	-	-	295.88	6.92	-	-	-
9 4"	-	-	-	506.20	6.92	-	-	-
10 6"	-	-	-	1,213.27	6.92	-	-	-
11 8"	-	-	-	2,197.82	6.92	-	-	-
12 10" & Above	-	-	-	3,618.63	6.92	-	-	-
13 <i>Total: Residential</i>	<i>87,783</i>	<i>1,053,391</i>	<i>2,130,523</i>			<i>\$ 8,777,157</i>	<i>\$ 14,089,633</i>	<i>\$ 22,866,790</i>
15 Residential - CAP (3)								
16 5/8"	3,218	38,616	-	\$ 3.86	\$ 6.92	\$ 142,265	\$ -	\$ 142,265
17 3/4"	30	360	-	7.81	6.92	2,687	-	2,687
18 1"	2	24	-	18.55	6.92	425	-	425
19 1 1/2"	-	-	-	38.31	6.92	-	-	-
20 2"	-	-	-	64.86	6.92	-	-	-
21 3"	-	-	-	147.94	6.92	-	-	-
22 4"	-	-	-	253.10	6.92	-	-	-
23 6"	-	-	-	606.64	6.92	-	-	-
24 8"	-	-	-	1,098.91	6.92	-	-	-
25 10" & Above	-	-	-	1,809.32	6.92	-	-	-
26 <i>Total: Residential - CAP</i>	<i>3,250</i>	<i>39,000</i>	<i>-</i>			<i>\$ 145,378</i>	<i>\$ -</i>	<i>\$ 145,378</i>
28 Commercial								
29 5/8"	3,667	44,004	138,870	\$ 7.71	\$ 6.11	\$ 324,230	\$ 810,882	\$ 1,135,113
30 3/4"	801	9,611	49,327	15.62	6.11	143,469	288,029	431,497
31 1"	1,553	18,634	153,194	37.10	6.11	660,674	894,522	1,555,197
32 1 1/2"	908	10,892	256,339	76.62	6.11	797,549	1,496,797	2,294,346
33 2"	887	10,644	461,544	129.72	6.11	1,319,530	2,695,015	4,014,545
34 3"	239	2,864	396,049	295.88	6.11	809,834	2,312,584	3,122,418
35 4"	217	2,608	745,543	506.20	6.11	1,261,645	4,353,327	5,614,972
36 6"	106	1,267	671,265	1,213.27	6.11	1,469,066	3,919,610	5,388,676
37 8"	10	114	298,482	2,197.82	6.11	239,444	1,742,877	1,982,321
38 10" & Above	-	-	-	3,618.63	6.11	-	-	-
39 <i>Total: Commercial</i>	<i>8,387</i>	<i>100,638</i>	<i>3,170,614</i>			<i>\$ 7,025,440</i>	<i>\$ 18,513,643</i>	<i>\$ 25,539,083</i>
41 Industrial								
42 5/8"	20	240	506	\$ 7.71	\$ 5.57	\$ 1,768	\$ 2,693	\$ 4,462
43 3/4"	13	154	166	15.62	5.57	2,299	884	3,182
44 1"	28	335	3,468	37.10	5.57	11,878	18,458	30,335
45 1 1/2"	6	72	302	76.62	5.57	5,272	1,608	6,880
46 2"	18	210	15,607	129.72	5.57	26,034	83,076	109,110
47 3"	2	24	13,262	295.88	5.57	6,786	70,595	77,381
48 4"	9	108	61,898	506.20	5.57	52,246	329,490	381,736
49 6"	2	24	4,926	1,213.27	5.57	27,828	26,221	54,049
50 8"	4	48	63,099	2,197.82	5.57	100,819	335,881	436,699
51 10" & Above	-	-	-	3,618.63	5.57	-	-	-
52 <i>Total: Industrial</i>	<i>101</i>	<i>1,215</i>	<i>163,234</i>			<i>\$ 234,929</i>	<i>\$ 868,905</i>	<i>\$ 1,103,834</i>
54 Health or Education								
55 5/8"	34	408	1,358	\$ 7.71	\$ 7.64	\$ 3,006	\$ 9,915	\$ 12,921
56 3/4"	9	109	539	15.62	7.64	1,627	3,935	5,563
57 1"	26	308	3,877	37.10	7.64	10,920	28,307	39,227
58 1 1/2"	65	779	10,713	76.62	7.64	57,041	78,219	135,260
59 2"	160	1,921	81,396	129.72	7.64	238,145	594,297	832,442
60 3"	104	1,250	193,547	295.88	7.64	353,454	1,413,149	1,766,603
61 4"	73	876	388,561	506.20	7.64	423,773	2,837,006	3,260,779
62 6"	37	442	440,805	1,213.27	7.64	512,492	3,218,454	3,730,946
63 8"	3	36	59,591	2,197.82	7.64	75,614	435,092	510,706
64 10" & Above	2	29	106,338	3,618.63	7.64	100,288	776,407	876,695
65 <i>Total: Health or Education</i>	<i>513</i>	<i>6,158</i>	<i>1,286,726</i>			<i>\$ 1,776,361</i>	<i>\$ 9,394,782</i>	<i>\$ 11,171,143</i>
67 Fire System								
68 1" or Less	1,130	13,559	3,220	\$ -	\$ 9.17	\$ -	\$ 28,214	\$ 28,214
69 1 1/2"-3"	64	773	232	-	9.17	-	2,033	2,033
70 4"	6	66	3	-	9.17	-	26	26
71 6" or Greater	15	181	596	-	9.17	-	5,223	5,223
72 <i>Total: Fire System</i>	<i>1,215</i>	<i>14,579</i>	<i>4,051</i>			<i>\$ -</i>	<i>\$ 35,497</i>	<i>\$ 35,497</i>
74 Total: Wastewater (Units & Sales)	101,248	1,214,981	6,755,147			\$ 17,959,265	\$ 42,902,459	\$ 60,861,724

(1) Represents billable customer usage above minimum allowance included in minimum charge
(2) User charge revenues include an adjustment factor to reflect actual collections.
(3) Residential CAP customers billable usage is included in the "Residential" class since there is no discount for volumetric charges

**Pittsburgh Water & Sewer Authority
Rate Case 2018
Rate Revenue at Settlement Rates**

	FPPTY 2019			Settlement Rates		FPPTY 2019		
	Number of Meters	Number of Annual Bills	Billable Usage (Kgal) (1)	Monthly Min. Charge	Volume Charge (Kgal)	Min. Charge Revenue (2)	Vol. Charge Revenue (2)	Total Rate Revenue
1 Water Revenues								
2 Residential								
3 5/8"	59,485	713,818	1,836,041	\$ 27.27	\$ 11.04	\$ 18,602,870	\$ 19,371,302	\$ 37,974,173
4 3/4"	2,574	30,886	123,071	44.37	11.04	1,309,660	1,298,470	2,608,130
5 1"	2,295	27,536	141,601	89.82	11.04	2,363,639	1,493,976	3,857,616
6 1 1/2"	-	-	-	175.30	11.04	-	-	-
7 2"	-	-	-	289.14	11.04	-	-	-
8 3"	-	-	-	641.48	11.04	-	-	-
9 4"	-	-	-	1,084.28	11.04	-	-	-
10 6"	-	-	-	2,558.16	11.04	-	-	-
11 8"	-	-	-	4,596.96	11.04	-	-	-
12 10" & Above	-	-	-	7,515.81	11.04	-	-	-
13 <i>Total: Residential</i>	<u>64,353</u>	<u>772,240</u>	<u>2,100,713</u>			<u>\$ 22,276,170</u>	<u>\$ 22,163,749</u>	<u>\$ 44,439,918</u>
14								
15 Residential - CAP (3)								
16 5/8"	2,218	26,616	-	\$ 6.82	\$ 11.04	\$ 173,410	\$ -	\$ 173,410
17 3/4"	30	360	-	11.09	11.04	3,816	-	3,816
18 1"	2	24	-	22.46	11.04	515	-	515
19 1 1/2"	-	-	-	43.83	11.04	-	-	-
20 2"	-	-	-	72.29	11.04	-	-	-
21 3"	-	-	-	160.37	11.04	-	-	-
22 4"	-	-	-	271.07	11.04	-	-	-
23 6"	-	-	-	639.54	11.04	-	-	-
24 8"	-	-	-	1,149.24	11.04	-	-	-
25 10" & Above	-	-	-	1,878.95	11.04	-	-	-
26 <i>Total: Residential - CAP</i>	<u>2,250</u>	<u>27,000</u>	<u>-</u>			<u>\$ 177,742</u>	<u>\$ -</u>	<u>\$ 177,742</u>
27								
28 Commercial								
29 5/8"	2,693	32,311	139,919	\$ 27.27	\$ 10.48	\$ 842,060	\$ 1,401,348	\$ 2,243,408
30 3/4"	682	8,184	48,170	44.37	10.48	347,026	482,446	829,472
31 1"	1,312	15,745	147,483	89.82	10.48	1,351,522	1,477,107	2,828,629
32 1 1/2"	870	10,439	254,591	175.30	10.48	1,748,832	2,549,836	4,298,668
33 2"	792	9,503	453,608	289.14	10.48	2,625,888	4,543,071	7,168,959
34 3"	241	2,893	396,230	641.48	10.48	1,773,531	3,968,405	5,741,936
35 4"	199	2,387	725,387	1,084.28	10.48	2,473,439	7,265,043	9,738,482
36 6"	85	1,017	649,134	2,558.16	10.48	2,486,314	6,501,343	8,987,657
37 8"	8	95	295,054	4,596.96	10.48	417,351	2,955,086	3,372,437
38 10" & Above	-	-	-	7,515.81	10.48	-	-	-
39 <i>Total: Commercial</i>	<u>6,881</u>	<u>82,574</u>	<u>3,109,578</u>			<u>\$ 14,065,964</u>	<u>\$ 31,143,685</u>	<u>\$ 45,209,649</u>
40								
41 Industrial								
42 5/8"	22	258	504	\$ 27.27	\$ 8.81	\$ 6,724	\$ 4,243	\$ 10,967
43 3/4"	14	162	166	44.37	8.81	6,869	1,398	8,267
44 1"	28	335	3,468	89.82	8.81	28,756	29,194	57,950
45 1 1/2"	6	72	302	175.30	8.81	12,062	2,543	14,605
46 2"	16	187	15,272	289.14	8.81	51,672	128,581	180,254
47 3"	2	24	13,262	641.48	8.81	14,713	111,659	126,372
48 4"	8	98	61,543	1,084.28	8.81	101,549	518,158	619,706
49 6"	2	24	4,926	2,558.16	8.81	58,674	41,474	100,148
50 8"	4	48	63,099	4,596.96	8.81	210,872	531,258	742,130
51 10" & Above	-	-	-	7,515.81	8.81	-	-	-
52 <i>Total: Industrial</i>	<u>101</u>	<u>1,208</u>	<u>162,541</u>			<u>\$ 491,891</u>	<u>\$ 1,368,508</u>	<u>\$ 1,860,399</u>
53								
54 Health or Education								
55 5/8"	34	408	1,358	\$ 27.27	\$ 14.32	\$ 10,633	\$ 18,584	\$ 29,217
56 3/4"	9	109	539	44.37	14.32	4,622	7,376	11,998
57 1"	26	308	3,877	89.82	14.32	26,438	53,057	79,496
58 1 1/2"	65	779	10,713	175.30	14.32	130,505	146,609	277,114
59 2"	160	1,921	81,396	289.14	14.32	530,815	1,113,918	1,644,732
60 3"	104	1,252	193,559	641.48	14.32	767,529	2,648,893	3,416,422
61 4"	73	877	381,066	1,084.28	14.32	908,758	5,214,959	6,123,718
62 6"	38	450	449,187	2,558.16	14.32	1,100,139	6,147,196	7,247,335
63 8"	3	36	59,591	4,596.96	14.32	158,154	815,513	973,667
64 10" & Above	2	29	106,338	7,515.81	14.32	208,296	1,455,254	1,663,550
65 <i>Total: Health or Education</i>	<u>514</u>	<u>6,169</u>	<u>1,287,624</u>			<u>\$ 3,845,889</u>	<u>\$ 17,621,361</u>	<u>\$ 21,467,250</u>
66								
67 Fire System								
68 1" or Less	1,130	13,559	3,253	\$ 31.60	\$ 13.49	\$ 409,470	\$ 41,932	\$ 451,402
69 1 1/2"-3"	64	773	199	83.30	13.49	61,536	2,566	64,102
70 4"	6	66	3	177.57	13.49	11,200	39	11,239
71 6" or Greater	15	181	596	507.98	13.49	87,868	7,684	95,552
72 <i>Total: Fire System</i>	<u>1,215</u>	<u>14,579</u>	<u>4,051</u>			<u>\$ 570,075</u>	<u>\$ 52,219</u>	<u>\$ 622,294</u>
73								
74 Total: Water (Units & Sales)	75,314	903,770	6,664,507			\$ 41,427,730	\$ 72,349,522	\$ 113,777,252

(1) Represents billable customer usage above minimum allowance included in minimum charge
(2) User charge revenues include an adjustment factor to reflect actual collections.
(3) Residential CAP customers billable usage is included in the "Residential" class since there is no discount for volumetric charges

**Pittsburgh Water & Sewer Authority
Rate Case 2018
Rate Revenue at Proposed Rates**

	FPPTY 2019			Settlement Rates		FPPTY 2019		
	Number of Meters	Number of Annual Bills	Billable Usage (Kgal) (1)	Monthly Min. Charge	Volume Charge (Kgal)	Min. Charge Revenue (2)	Vol. Charge Revenue (2)	Total Rate Revenue
1 Wastewater Revenues								
2 Residential								
3 5/8"	82,870	994,441	1,865,883	\$ 8.28	\$ 7.43	\$ 7,868,948	\$ 13,248,921	\$ 21,117,869
4 3/4"	2,599	31,186	122,845	16.77	7.43	499,804	872,276	1,372,081
5 1"	2,314	27,764	141,795	39.82	7.43	1,056,551	1,006,834	2,063,385
6 1 1/2"	-	-	-	82.24	7.43	-	-	-
7 2"	-	-	-	139.23	7.43	-	-	-
8 3"	-	-	-	317.57	7.43	-	-	-
9 4"	-	-	-	543.31	7.43	-	-	-
10 6"	-	-	-	1,302.21	7.43	-	-	-
11 8"	-	-	-	2,358.93	7.43	-	-	-
12 10" & Above	-	-	-	3,883.88	7.43	-	-	-
13 <i>Total: Residential</i>	87,783	1,053,391	2,130,523			\$ 9,425,304	\$ 15,128,031	\$ 24,553,335
14								
15 Residential - CAP (3)								
16 5/8"	3,218	38,616	-	\$ 2.07	\$ 7.43	\$ 76,391	\$ -	\$ 76,391
17 3/4"	30	360	-	4.19	7.43	1,442	-	1,442
18 1"	2	24	-	9.96	7.43	228	-	228
19 1 1/2"	-	-	-	20.56	7.43	-	-	-
20 2"	-	-	-	34.81	7.43	-	-	-
21 3"	-	-	-	79.39	7.43	-	-	-
22 4"	-	-	-	135.83	7.43	-	-	-
23 6"	-	-	-	325.55	7.43	-	-	-
24 8"	-	-	-	589.73	7.43	-	-	-
25 10" & Above	-	-	-	970.97	7.43	-	-	-
26 <i>Total: Residential - CAP</i>	3,250	39,000	-			\$ 78,062	\$ -	\$ 78,062
27								
28 Commercial								
29 5/8"	3,667	44,004	138,870	\$ 8.28	\$ 6.56	\$ 348,201	\$ 870,603	\$ 1,218,804
30 3/4"	801	9,611	49,327	16.77	6.56	154,031	309,242	463,273
31 1"	1,553	18,634	153,194	39.82	6.56	709,112	960,404	1,669,515
32 1 1/2"	908	10,892	256,339	82.24	6.56	856,048	1,607,036	2,463,084
33 2"	887	10,644	461,544	139.23	6.56	1,416,267	2,893,503	4,309,769
34 3"	239	2,864	396,049	317.57	6.56	869,200	2,482,905	3,352,105
35 4"	217	2,608	745,543	543.31	6.56	1,354,137	4,673,949	6,028,086
36 6"	106	1,267	671,265	1,302.21	6.56	1,576,758	4,208,288	5,785,046
37 8"	10	114	298,482	2,358.93	6.56	256,997	1,871,239	2,128,236
38 10" & Above	-	-	-	3,883.88	6.56	-	-	-
39 <i>Total: Commercial</i>	8,387	100,638	3,170,614			\$ 7,540,750	\$ 19,877,168	\$ 27,417,918
40								
41 Industrial								
42 5/8"	20	240	506	\$ 8.28	\$ 5.98	\$ 1,899	\$ 2,892	\$ 4,791
43 3/4"	13	154	166	16.77	5.98	2,468	949	3,417
44 1"	28	335	3,468	39.82	5.98	12,748	19,816	32,565
45 1 1/2"	6	72	302	82.24	5.98	5,659	1,726	7,385
46 2"	18	210	15,607	139.23	5.98	27,942	89,191	117,134
47 3"	2	24	13,262	317.57	5.98	7,284	75,791	83,075
48 4"	9	108	61,898	543.31	5.98	56,076	353,743	409,819
49 6"	2	24	4,926	1,302.21	5.98	29,868	28,152	58,019
50 8"	4	48	63,099	2,358.93	5.98	108,209	360,604	468,813
51 10" & Above	-	-	-	3,883.88	5.98	-	-	-
52 <i>Total: Industrial</i>	101	1,215	163,234			\$ 252,153	\$ 932,864	\$ 1,185,017
53								
54 Health or Education								
55 5/8"	34	408	1,358	\$ 8.28	\$ 8.21	\$ 3,228	\$ 10,655	\$ 13,883
56 3/4"	9	109	539	16.77	8.21	1,747	4,229	5,976
57 1"	26	308	3,877	39.82	8.21	11,721	30,419	42,140
58 1 1/2"	65	779	10,713	82.24	8.21	61,225	84,055	145,279
59 2"	160	1,921	81,396	139.23	8.21	255,604	638,636	894,240
60 3"	104	1,250	193,547	317.57	8.21	379,365	1,518,580	1,897,945
61 4"	73	876	388,561	543.31	8.21	454,841	3,048,668	3,503,508
62 6"	37	442	440,805	1,302.21	8.21	550,061	3,458,575	4,008,635
63 8"	3	36	59,591	2,358.93	8.21	81,157	467,553	548,710
64 10" & Above	2	29	106,338	3,883.88	8.21	107,639	834,332	941,972
65 <i>Total: Health or Education</i>	513	6,158	1,286,726			\$ 1,906,587	\$ 10,095,701	\$ 12,002,288
66								
67 Fire System								
68 1" or Less	1,130	13,559	3,220	\$ -	\$ -	\$ -	\$ -	\$ -
69 1 1/2"-3"	64	773	232	-	-	-	-	-
70 4"	6	66	3	-	-	-	-	-
71 6" or Greater	15	181	596	-	-	-	-	-
72 <i>Total: Fire System</i>	1,215	14,579	4,051			\$ -	\$ -	\$ -
73								
74 Total: Wastewater (Units & Sales)	101,248	1,214,981	6,755,147			\$ 19,202,856	\$ 46,033,764	\$ 65,236,620

(1) Represents billable customer usage above minimum allowance included in minimum charge
(2) User charge revenues include an adjustment factor to reflect actual collections.
(3) Residential CAP customers billable usage is included in the "Residential" class since there is no discount for volumetric charges

Pittsburgh Water and Sewer Authority

FPFTY 2019 COS & Rate Design

2018 **2019** **2019**
Existing *Filed* *Settlement*

Water

Minimum Charge

5/8"	1	\$ 23.25	\$ 27.77	\$ 27.27
3/4"	2	37.83	45.79	44.37
1"	5	76.58	93.73	89.82
1 1/2"	10	149.47	183.87	175.30
2"	17	246.53	303.92	289.14
3"	40	546.96	675.49	641.48
4"	70	924.52	1,142.48	1,084.28
6"	175	2,181.24	2,696.91	2,558.16
8"	325	3,919.64	4,847.16	4,596.96
10" & Above	548	6,408.43	7,925.65	7,515.81

Fixed Charge CAP Discount

50%	50%	75%
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Volume Charge (per kgal)

Residential	\$ 9.41	\$ 11.03	\$ 11.04
Commercial	8.93	11.67	10.48
Industrial	7.51	10.04	8.81
Health or Education	12.21	13.90	14.32
Fire System (1)	11.50	15.01	13.49

Fire Min. Charge

1" or Less	\$ 26.94	\$ 29.21	\$ 31.60
1 1/2"-3"	71.02	77.82	83.30
4"	151.40	166.46	177.57
6" or Greater	433.13	477.13	507.98

Unmetered

Residential (per Unit)	\$ 44.36	\$ 44.36	\$ 44.36
Commercial	88.26	88.26	88.26

Sewer

Minimum Charge

5/8"	\$ 7.71	\$ 11.28	\$ 8.28
3/4"	15.62	18.65	16.77
1"	37.10	40.27	39.82
1 1/2"	76.62	77.12	82.24
2"	129.72	128.21	139.23
3"	295.88	294.32	317.57
4"	506.20	509.61	543.31

6"	1,213.27	1,256.86	1,302.21
8"	2,197.82	2,318.86	2,358.93
10" & Above	3,618.63	3,888.48	3,883.88

Fixed Charge CAP Discount	50%	50%	75%
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Volume Charge (per kgal)

Residential	\$ 6.92	\$ 6.56	\$ 7.43
Commercial	6.11	6.97	6.56
Industrial	5.57	7.03	5.98
Health or Education	7.64	7.30	8.21
Fire System (1)	9.17	-	-

Unmetered

Residential (per Unit)	\$ 25.99	\$ 25.99	\$ 25.99
Commercial	52.47	52.47	52.47

Pittsburgh Water & Sewer Authority
Rate Case 2018
Summary of Customer Impacts

Customer Impacts	Meter Size	Use (kgal)	User Charges		% Increase		\$ Increase	
			Existing	Filed	Filed	Settlement	Filed	Settlement
<i>Residential</i>								
Water	5/8"	3 kgal	\$ 42.07	\$ 49.83	\$ 49.35	18.4%	\$ 7.76	\$ 7.28
Wastewater Conveyance	5/8"	3 kgal	21.55	24.40	23.14	13.2%	2.85	1.59
<i>Total Monthly Bill</i>			\$ 63.62	\$ 74.23	\$ 72.49	16.7%	\$ 10.61	\$ 8.87
<i>Commercial</i>								
Water	1"	13 kgal	\$ 148.02	\$ 187.09	\$ 173.66	26.4%	\$ 39.07	\$ 25.64
Wastewater Conveyance	1"	13 kgal	85.98	96.03	92.30	11.7%	10.05	6.32
<i>Total Monthly Bill</i>			\$ 234.00	\$ 283.12	\$ 265.96	21.0%	\$ 49.12	\$ 31.96
<i>Industrial</i>								
Water	4"	680 kgal	\$ 5,505.62	\$ 7,266.88	\$ 6,458.38	32.0%	\$ 1,761.26	\$ 952.76
Wastewater Conveyance	4"	680 kgal	3,903.90	4,797.91	4,191.11	22.9%	894.01	287.21
<i>Total Monthly Bill</i>			\$ 9,409.52	\$ 12,064.79	\$ 10,649.49	28.2%	\$ 2,655.27	\$ 1,239.97
<i>Health or Education</i>								
Water	2"	50 kgal	\$ 649.46	\$ 762.62	\$ 761.70	17.4%	\$ 113.16	\$ 112.24
Wastewater Conveyance	2"	50 kgal	381.84	369.11	410.16	-3.3%	(12.73)	28.32
<i>Total Monthly Bill</i>			\$ 1,031.30	\$ 1,131.73	\$ 1,171.86	9.7%	\$ 100.43	\$ 140.56